

**Table 3 - price information to be published as referred to in Article 4 point (a)**

Size range 1: greater than EUR 0 and less than or equal to the Standard Market Size or the Size Specific to the financial instrument;

Size range 2: greater than the Standard Market Size or the Size Specific to the financial instrument and less than or equal to Large in Scale;

Size range 3: greater than Large in Scale.

Date	Financial Instrument Name	Time (T)	Size Range	All trades executed within first two		First transaction after time T (if no transactions within first two minutes after time T)						
				Simple average executed price (excluding commissions and accrued interest)	Total value executed	Price	Time of execution	Transaction Size	Trading System	Trading Mode	Trading platform	best bid and offer or suitable reference price at time of execution
02/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AAPL	3:30:00 PM	1			165.57	19:53:10	1655.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BA	3:30:00 PM	1			320	19:13:59	32000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A











02/04/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDMXN	3:30:00 PM	1			14.0247	16:47:20	140.247	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDNZD	1:30:00 PM	1			1.06152	14:35:26	42.4608	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDUSD	9:30:00 AM	1			0.76878	10:35:25	30.7512	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDUSD	1:30:00 PM	1			0.76731	14:31:35	1534.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDUSD	3:30:00 PM	1			0.7665	16:11:05	15.33	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





02/04/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURAUD	1:30:00 PM	1			1.42513	14:08:40	28.5026	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURAUD	3:30:00 PM	1			1.60612	16:47:26	32.1224	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCAD	3:30:00 PM	1			1.58702	17:59:51	15.8702	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCHF	11:30:00 AM	1			1.17546	12:54:51	11.7546	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

02/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURGBP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURGBP	1:30:00 PM	1			0.8776	15:12:27	43.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURGBP	3:30:00 PM	1			127.043	16:58:42	2540.86	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURJPY	1:30:00 PM	1			131.068	13:33:03	1310.68	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURJPY	3:30:00 PM	1			131.175	15:33:33	6558.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURNZD	1:30:00 PM	1			1.23376	14:35:22	1233.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURUSD	9:30:00 AM	1			1.23273	09:47:57	12.3273	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURUSD	1:30:00 PM	1			1.23334	13:33:05	49.3336	Continuous Quote Driven	N/A	ELECTRONIC	N/A

02/04/2018	EURUSD	3:30:00 PM	1			1.23211	15:58:02	61.6055	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPAUD	1:30:00 PM	1			1.83273	14:35:18	18.3273	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCAD	3:30:00 PM	1			1.23456	19:59:59	12.3456	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCHF	3:30:00 PM	1			1.33979	21:23:48	13.3979	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPJPY	9:30:00 AM	1			149.459	10:37:22	1494.59	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPJPY	3:30:00 PM	1			1.30858	17:35:09	13.0858	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



02/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPUSD	9:30:00 AM	1	1.40517	7025.85				Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPUSD	11:30:00 AM	1	1.40619	28123.8				Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPUSD	1:30:00 PM	1			1.34236	13:33:21	13.4236	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPUSD	3:30:00 PM	1			1.40507	15:43:01	70.2535	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GOLD	1:30:00 PM	1			1333.89	13:33:15	1333890	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	GOLD	3:30:00 PM	1			1336.52	16:47:16	66826	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCAD	1:30:00 PM	1			0.68982	14:35:12	34.491	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCHF	1:30:00 PM	1			0.68982	14:35:12	34.491	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

02/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDJPY	3:30:00 PM	1			76.433	19:36:17	764330	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDUSD	9:30:00 AM	1			0.72324	10:09:00	7.2324	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDUSD	1:30:00 PM	1			0.72327	14:35:30	36.1635	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDUSD	3:30:00 PM	1			0.72141	21:06:47	7.2141	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

02/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCAD	9:30:00 AM	1			1.2881	10:08:54	1288.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCAD	3:30:00 PM	1			1.29197	17:35:39	1291.97	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCHF	3:30:00 PM	1			1.40397	17:00:50	14.0397	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDJPY	9:30:00 AM	1			106.328	09:51:51	1063.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDJPY	11:30:00 AM	1			106.298	12:54:23	1062.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDJPY	1:30:00 PM	1			106.423	14:58:12	106423	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDJPY	3:30:00 PM	1			106.445	16:02:34	3193.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

02/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	XAUUSD	9:30:00 AM	1	1331.2025	53248.1				Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	XAUUSD	3:30:00 PM	1			1339.12	18:05:10	26782.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









03/04/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#TWTR	3:30:00 PM	1			147.962	17:50:32	2959240	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCAD	1:30:00 PM	1			0.72625	14:30:10	726.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCAD	3:30:00 PM	1			1.22569	16:31:12	2451.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



03/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDJPY	3:30:00 PM	1			82.024	15:48:46	820.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDUSD	11:30:00 AM	1			0.76818	13:00:11	7.6818	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDUSD	1:30:00 PM	1			0.76803	13:48:24	7.6803	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDUSD	3:30:00 PM	1			1.34872	16:13:10	6743.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CADCHF	3:30:00 PM	1			0.9924	16:50:09	9.924	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



03/04/2018	CHFHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFJPY	3:30:00 PM	1			111.144	16:35:57	1111.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURAUD	9:30:00 AM	1			1.60222	10:19:15	16.0222	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURAUD	1:30:00 PM	1			1.59651	15:15:08	63.8604	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURAUD	3:30:00 PM	1			1.59487	15:40:12	63.7948	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCAD	11:30:00 AM	1			1.34864	11:38:22	13486.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCAD	1:30:00 PM	1			1.33641	14:30:31	13.3641	Continuous Quote Driven	N/A	ELECTRONIC	N/A



03/04/2018	EURCAD	3:30:00 PM	1	1.574245	62.9698				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCHF	9:30:00 AM	1			1.17632	09:43:24	47.0528	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCHF	3:30:00 PM	1			1.1762	16:50:11	1176.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURGBP	9:30:00 AM	1			0.87521	10:06:50	8.7521	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURGBP	11:30:00 AM	1			108.792	11:37:37	217584	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURGBP	1:30:00 PM	1			0.72625	14:30:10	726.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURGBP	3:30:00 PM	1			0.8732	15:35:15	8732	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURJPY	9:30:00 AM	1			130.783	09:41:12	6539.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURJPY	11:30:00 AM	1			130.717	11:46:33	1307.17	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURJPY	1:30:00 PM	1			130.63	13:34:17	1306.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURJPY	3:30:00 PM	1			130.606	15:54:57	653030	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURNZD	11:30:00 AM	1			1.69713	13:24:43	16.9713	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURNZD	1:30:00 PM	1	1.69773	16977.3				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURNZD	3:30:00 PM	1			0.73894	15:45:08	14.7788	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



03/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURUSD	9:30:00 AM	1			1.23232	09:50:16	12.3232	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURUSD	11:30:00 AM	1			1.23074	11:35:18	12.3074	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURUSD	1:30:00 PM	1			1.19027	13:36:56	23805.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURUSD	3:30:00 PM	1	1.225403333	36.7621				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPAUD	1:30:00 PM	1			1.82934	13:47:12	18.2934	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCHF	1:30:00 PM	1			1.34554	14:13:26	13.4554	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCHF	3:30:00 PM	1			1.34965	17:45:32	121.4685	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPJPY	9:30:00 AM	1	149.344	1493.44				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPJPY	11:30:00 AM	1	149.383	149383				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPJPY	3:30:00 PM	1			149.699	15:32:59	1496.99	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

03/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPNZD	9:30:00 AM	1	1.94169	19416.9				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPNZD	11:30:00 AM	1			1.935	13:00:06	19.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPNZD	1:30:00 PM	1	1.93853	3877.06				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPNZD	3:30:00 PM	1			1.9384	17:32:11	19.384	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPUSD	9:30:00 AM	1	1.40811	352027.5				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPUSD	11:30:00 AM	1			1.4078	11:52:13	28.156	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPUSD	1:30:00 PM	1			1.40504	13:54:56	14.0504	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPUSD	3:30:00 PM	1			1.40432	15:50:21	1404.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GOLD	1:30:00 PM	1			1334.35	15:22:06	53374	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	GOLD	3:30:00 PM	1			1333.3	16:13:03	1333300	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

03/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCAD	3:30:00 PM	1			0.9924	16:50:09	9.924	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCHF	1:30:00 PM	1			1.69474	14:35:14	50.8422	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDJPY	11:30:00 AM	1			77.002	12:46:43	770.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDJPY	1:30:00 PM	1			1.28619	14:10:51	12.8619	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDJPY	3:30:00 PM	1			77.375	15:39:09	773.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDUSD	9:30:00 AM	1			0.72512	09:46:27	1450.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDUSD	1:30:00 PM	1			0.72625	14:29:25	79.8875	Continuous Quote Driven	N/A	ELECTRONIC	N/A



03/04/2018	NZDUSD	3:30:00 PM	1			1.19469	16:40:31	1194.69	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCAD	9:30:00 AM	1			1.28686	10:46:11	64.343	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCAD	11:30:00 AM	1			1.28788	13:00:22	12.8788	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCAD	1:30:00 PM	1			1.2875	13:46:47	25.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCAD	3:30:00 PM	1			1.28369	15:44:42	64.1845	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCHF	11:30:00 AM	1			0.95712	12:57:52	9.5712	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCHF	1:30:00 PM	1			0.95664	14:35:15	4783.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCHF	3:30:00 PM	1			0.9585	16:01:04	9.585	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDHUF	3:30:00 PM	1			254.13	16:40:29	2541.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDJPY	9:30:00 AM	1			106.058	11:00:56	1060.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDJPY	11:30:00 AM	1			106.19	13:00:08	21238	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDJPY	1:30:00 PM	1			106.288	14:01:08	1062.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDJPY	3:30:00 PM	1			106.391	16:13:56	2127.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



03/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	XAUUSD	11:30:00 AM	1			1337.27	11:35:38	13372.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	XAUUSD	1:30:00 PM	1			1338.24	14:59:39	13382.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	XAUUSD	3:30:00 PM	1			1330.4	16:50:08	13304	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









04/04/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCAD	3:30:00 PM	1			0.98608	19:35:11	9.8608	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCHF	1:30:00 PM	1			0.736	13:35:11	7.36	Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/04/2018	AUDCHF	3:30:00 PM	1			0.73902	18:50:09	59.1216	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDJPY	1:30:00 PM	1			81.664	13:35:42	2449.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDJPY	3:30:00 PM	1			81.79	15:37:41	4907.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDNZD	9:30:00 AM	1			1.05513	09:51:20	1055.13	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDNZD	1:30:00 PM	1			0.736	13:35:11	7.36	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDNZD	3:30:00 PM	1			1.05593	18:50:11	337.8976	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDUSD	9:30:00 AM	1			0.76769	10:00:12	7.6769	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDUSD	11:30:00 AM	1			0.76705	11:56:11	122.728	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDUSD	1:30:00 PM	1			0.76828	13:36:14	7.6828	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDUSD	3:30:00 PM	1			0.769	15:44:22	7.69	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADCHF	9:30:00 AM	1			0.74669	10:40:43	7.4669	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADCHF	3:30:00 PM	1			0.74882	16:50:10	7.4882	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADJPY	9:30:00 AM	1			83.02	09:49:49	4151	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADJPY	3:30:00 PM	1			83.362	18:29:21	83362	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	CADZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







04/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURAUD	9:30:00 AM	1			1.59683	09:49:58	31.9366	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURAUD	11:30:00 AM	1	1.60154	96.0924				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURAUD	1:30:00 PM	1			1.59854	13:36:09	31.9708	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURAUD	3:30:00 PM	1			1.5956	16:46:49	31.912	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCAD	9:30:00 AM	1			1.57673	10:06:10	3153.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCAD	11:30:00 AM	1			130.328	12:00:12	1303.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCAD	3:30:00 PM	1			1.1762	16:50:11	1176.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCHF	9:30:00 AM	1			1.17682	10:34:28	2353.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCHF	11:30:00 AM	1			1.1777	12:58:32	11.777	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCHF	1:30:00 PM	1			1.17751	13:32:30	11.7751	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCHF	3:30:00 PM	1			1.17945	15:43:00	11.7945	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURGBP	9:30:00 AM	1			0.87317	09:52:22	17.4634	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURGBP	11:30:00 AM	1			0.87412	11:57:19	8.7412	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURGBP	1:30:00 PM	1			0.87512	14:00:25	17.5024	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURGBP	3:30:00 PM	1			0.87363	16:00:24	1747.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURJPY	9:30:00 AM	1			130.594	09:47:14	1305.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURJPY	11:30:00 AM	1			130.454	11:50:05	652270	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURJPY	1:30:00 PM	1			130.558	14:49:17	130558	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURJPY	3:30:00 PM	1			130.74	15:37:48	2614.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/04/2018	EURNZD	3:30:00 PM	1			0.73902	18:50:09	59.1216	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURUSD	9:30:00 AM	1			0.73568	09:45:37	7.3568	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURUSD	11:30:00 AM	1			1.22859	11:33:53	12.2859	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURUSD	1:30:00 PM	1	1.22868	2457.36				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURUSD	3:30:00 PM	1			1.22967	15:34:28	24.5934	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPAUD	1:30:00 PM	1			1.82897	13:35:10	36.5794	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPAUD	3:30:00 PM	1			1.82742	18:51:27	36.5484	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCAD	1:30:00 PM	1			0.9586	14:55:12	9.586	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCAD	3:30:00 PM	1			1.80034	20:20:19	3600.68	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCHF	1:30:00 PM	1			1.34808	15:03:22	13.4808	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCHF	3:30:00 PM	1			1.35077	15:42:37	108.0616	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPJPY	9:30:00 AM	1			1.56017	10:05:36	31.2034	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPJPY	11:30:00 AM	1			149.159	11:34:14	16407.49	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPJPY	1:30:00 PM	1			131.685	13:52:20	1316.85	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPJPY	3:30:00 PM	1			0.89176	16:55:19	8.9176	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPNZD	9:30:00 AM	1			1.93392	10:05:10	19.3392	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPNZD	3:30:00 PM	1			0.74942	18:50:10	119.9072	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPUSD	9:30:00 AM	1			128.065	09:32:24	2561.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPUSD	11:30:00 AM	1	1.4055	70275				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPUSD	1:30:00 PM	1			1.40253	14:05:52	14.0253	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPUSD	3:30:00 PM	1	1.40784	70392				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GOLD	11:30:00 AM	1			1342.6	12:58:07	13426	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GOLD	1:30:00 PM	1			1345.18	13:52:31	13451.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	GOLD	3:30:00 PM	1			1337.75	16:48:26	40132.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



04/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCAD	9:30:00 AM	1			0.93314	10:38:10	933.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCHF	9:30:00 AM	1	0.69904	6.9904				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCHF	3:30:00 PM	1			0.70021	18:50:19	7.0021	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDJPY	3:30:00 PM	1			77.97	22:03:18	779.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



04/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDUSD	11:30:00 AM	1			0.72799	12:45:08	727.99	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDUSD	1:30:00 PM	1			0.72915	14:55:10	729.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDUSD	3:30:00 PM	1			0.73015	18:50:20	7.3015	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCAD	9:30:00 AM	1			1.28155	09:51:05	51.262	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCAD	11:30:00 AM	1			1.28234	11:32:51	12.8234	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCAD	1:30:00 PM	1			1.28329	14:11:09	12.8329	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCAD	3:30:00 PM	1			1.28332	15:45:26	6416.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCHF	9:30:00 AM	1	0.95887	38.3548				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCHF	11:30:00 AM	1			1.22795	11:57:09	12.2795	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCHF	1:30:00 PM	1			0.9585	13:34:13	28.755	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCHF	3:30:00 PM	1			0.95946	18:54:33	19.1892	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDJPY	9:30:00 AM	1			127.653	09:41:59	638265	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDJPY	11:30:00 AM	1			106.158	11:40:49	5307.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDJPY	1:30:00 PM	1			106.149	14:31:51	10614900	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDJPY	3:30:00 PM	1			106.311	15:33:13	2126.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDMXN	11:30:00 AM	1			18.316	13:19:31	366.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	XAUUSD	9:30:00 AM	1			1338.97	09:45:30	40169.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	XAUUSD	1:30:00 PM	1			1348.36	14:56:13	67418	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	XAUUSD	3:30:00 PM	1			1338.27	16:47:55	13382.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







05/04/2018	#HSBA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#HSBA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#HSBA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#IBM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#IBM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#IBM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#IBM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#INTC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#INTC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#INTC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#INTC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#JNJ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#JNJ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#JNJ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#JNJ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#JPM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#JPM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#JPM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#JPM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#KO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#KO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#LLOY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#LLOY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MCD	3:30:00 PM	1			164.2	17:14:41	492.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



05/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCAD	11:30:00 AM	1			0.72753	12:05:09	421.9674	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCAD	3:30:00 PM	1			0.97999	21:56:01	39.1996	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCHF	11:30:00 AM	1			0.73715	11:56:27	7.3715	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDJPY	3:30:00 PM	1			82.523	17:02:51	825.23	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDNZD	1:30:00 PM	1			0.93163	14:05:10	18.6326	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

05/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDUSD	9:30:00 AM	1			0.76959	09:38:31	230.877	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDUSD	11:30:00 AM	1			0.76823	12:42:42	15.3646	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDUSD	3:30:00 PM	1			0.76837	16:42:13	15.3674	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADJPY	9:30:00 AM	1			83.805	11:03:58	1676.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





05/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURAUD	9:30:00 AM	1			1.59363	10:28:09	31.8726	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURAUD	11:30:00 AM	1	1.59797	15979.7				Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURAUD	1:30:00 PM	1			1.59376	13:37:13	31.8752	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURAUD	3:30:00 PM	1			1.59217	16:39:32	31.8434	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCAD	3:30:00 PM	1			1.56329	17:42:20	46.8987	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCHF	11:30:00 AM	1			130.719	12:00:11	261438	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURGBP	9:30:00 AM	1			0.87324	10:24:37	1746.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURGBP	11:30:00 AM	1			1.00204	11:51:23	4008.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURGBP	1:30:00 PM	1			0.87388	14:04:11	17.4776	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURGBP	3:30:00 PM	1			0.87412	16:00:15	17.4824	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURJPY	9:30:00 AM	1			0.74158	09:35:09	741.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURJPY	11:30:00 AM	1			131.313	12:38:20	2626.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURJPY	1:30:00 PM	1			131.248	13:47:45	2624.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURJPY	3:30:00 PM	1			1.23842	15:34:11	3715.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

05/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURNZD	1:30:00 PM	1			0.93163	14:05:10	18.6326	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURUSD	9:30:00 AM	1			1.22624	09:35:29	24.5248	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURUSD	11:30:00 AM	1	1.22784	12.2784				Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURUSD	1:30:00 PM	1			1.22623	13:37:00	24.5246	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURUSD	3:30:00 PM	1			1.22571	15:36:25	24.5142	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPAUD	1:30:00 PM	1			1.82581	13:36:08	54.7743	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPAUD	3:30:00 PM	1			1.82234	19:37:15	36.4468	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCAD	9:30:00 AM	1			1.17148	10:19:01	11.7148	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCAD	1:30:00 PM	1			1.79288	13:47:41	1792.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCAD	3:30:00 PM	1			1.78681	17:42:44	35.7362	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCHF	9:30:00 AM	1			1.3507	10:24:15	13.507	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCHF	3:30:00 PM	1			1.35064	16:23:48	40.5192	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



05/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPJPY	1:30:00 PM	1			1.92891	14:05:39	19.2891	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPJPY	3:30:00 PM	1			150.246	17:19:26	1502.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPNZD	1:30:00 PM	1			1.92623	13:33:32	38.5246	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPNZD	3:30:00 PM	1			1.9264	16:38:55	38.528	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPUSD	9:30:00 AM	1			1.4058	09:33:22	28.116	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPUSD	11:30:00 AM	1	1.40632	7031.6				Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPUSD	1:30:00 PM	1			1.40379	13:40:57	28.0758	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPUSD	3:30:00 PM	1	1.4015	56.06				Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GOLD	9:30:00 AM	1			1327.76	09:39:21	26555.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A



05/04/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GOLD	1:30:00 PM	1			1323.65	15:21:22	13236.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	GOLD	3:30:00 PM	1			1333.26	16:50:19	26665.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCAD	1:30:00 PM	1			0.93163	14:05:10	18.6326	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCAD	3:30:00 PM	1			130.35	18:59:44	2607	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCHF	11:30:00 AM	1			0.69947	12:20:20	13.9894	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCHF	1:30:00 PM	1			0.93163	14:05:10	18.6326	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

05/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDUSD	11:30:00 AM	1			0.72779	12:20:18	14.5558	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDUSD	1:30:00 PM	1			0.7294	14:05:19	14.588	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDUSD	3:30:00 PM	1			0.72707	17:00:02	14.5414	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCAD	9:30:00 AM	1			1.27706	10:33:35	25.5412	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCAD	11:30:00 AM	1			1.59753	12:00:08	15.9753	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCAD	1:30:00 PM	1			1.27936	14:26:29	25.5872	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCAD	3:30:00 PM	1			1.27851	15:35:08	25.5702	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCHF	11:30:00 AM	1			0.96055	12:16:10	19.211	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCHF	1:30:00 PM	1			1.40455	14:24:40	28.091	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCHF	3:30:00 PM	1			0.96184	15:47:40	19.2368	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

05/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDJPY	9:30:00 AM	1			107.1	11:03:46	2142	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDJPY	11:30:00 AM	1			106.969	12:50:36	2139.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDJPY	3:30:00 PM	1			107.187	16:07:28	1071.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	XAUUSD	9:30:00 AM	1			1327.4	09:37:10	13274	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	XAUUSD	11:30:00 AM	1			1328.14	12:30:44	26562.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	XAUUSD	1:30:00 PM	1			1.4019	14:22:47	28.038	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	XAUUSD	3:30:00 PM	1			1334.7	00:22:04	9342900	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







06/04/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





06/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCAD	1:30:00 PM	1			0.97959	14:50:11	19.5918	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCAD	3:30:00 PM	1			0.74882	16:50:10	7.4882	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCHF	3:30:00 PM	1			0.73894	15:45:08	14.7788	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDJPY	3:30:00 PM	1			81.864	21:07:27	1637.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



06/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDNZD	3:30:00 PM	1			330	16:35:11	3300	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDUSD	9:30:00 AM	1			1.28548	10:29:09	128.548	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDUSD	1:30:00 PM	1			0.76928	14:31:09	7.6928	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDUSD	3:30:00 PM	1			0.76958	15:55:12	15.3916	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADJPY	1:30:00 PM	1			84.267	14:31:25	1685.34	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADJPY	3:30:00 PM	1			83.744	16:53:29	1674.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



06/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURAUD	1:30:00 PM	1			0.87338	14:31:14	17.4676	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURAUD	3:30:00 PM	1			1.22682	15:52:09	24.5364	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCAD	1:30:00 PM	1			1.5589	14:31:37	1558.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCAD	3:30:00 PM	1			1.56509	16:40:11	31.3018	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCHF	11:30:00 AM	1			1.17944	12:13:40	23.5888	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCHF	1:30:00 PM	1			1.17886	15:16:20	23.5772	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCHF	3:30:00 PM	1			1.28218	15:42:10	5128.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURGBP	9:30:00 AM	1			0.87302	10:02:29	17.4604	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURGBP	1:30:00 PM	1			0.87302	14:14:47	8.7302	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURGBP	3:30:00 PM	1			0.87235	15:46:10	17.447	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



06/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURJPY	11:30:00 AM	1			131.421	11:57:14	2628.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURJPY	1:30:00 PM	1			131.313	13:57:24	2626.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURJPY	3:30:00 PM	1			131.514	15:33:27	131514	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURNZD	3:30:00 PM	1			1.83349	16:40:10	36.6698	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURUSD	9:30:00 AM	1			1.22236	09:44:46	24.4472	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURUSD	11:30:00 AM	1			1.22438	11:34:38	3673.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURUSD	1:30:00 PM	1			1.22368	13:55:49	24.4736	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURUSD	3:30:00 PM	1			1.22756	15:48:10	24.5512	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPAUD	3:30:00 PM	1			1.82748	15:45:12	36.5496	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



06/04/2018	GBPCAD	11:30:00 AM	1			1.7919	12:13:20	35.838	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCAD	1:30:00 PM	1			109.585	14:30:07	547925	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCAD	3:30:00 PM	1			1.79101	15:34:58	3582.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCHF	11:30:00 AM	1			1.35106	12:43:11	27.0212	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCHF	1:30:00 PM	1			1.35209	14:15:18	27.0418	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCHF	3:30:00 PM	1			0.87192	15:54:13	17.4384	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPJPY	11:30:00 AM	1			150.503	12:12:19	3010.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPJPY	1:30:00 PM	1			150.521	15:23:57	1505.21	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPJPY	3:30:00 PM	1			150.601	15:34:42	3012.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPNZD	11:30:00 AM	1			1.93374	12:59:12	38.6748	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPNZD	1:30:00 PM	1			0.9586	14:55:12	9.586	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPNZD	3:30:00 PM	1			1.9356	15:40:32	38.712	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

06/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPUSD	9:30:00 AM	1			1.39919	09:38:13	27.9838	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPUSD	11:30:00 AM	1			1.40117	11:42:39	28.0234	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPUSD	1:30:00 PM	1			1.40025	13:35:28	28.005	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPUSD	3:30:00 PM	1	1.406073333	7058.488133				Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GOLD	9:30:00 AM	1			1.36252	10:27:24	1362.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GOLD	11:30:00 AM	1			1325.69	12:14:51	26513.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GOLD	1:30:00 PM	1			1330.69	14:30:50	26613.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	GOLD	3:30:00 PM	1	1333.16	1333160				Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCAD	1:30:00 PM	1			0.9248	14:50:10	18.496	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCAD	3:30:00 PM	1			0.9924	16:50:09	9.924	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCHF	3:30:00 PM	1			1.79232	15:45:11	35.8464	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

06/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDUSD	9:30:00 AM	1			1.1827	10:02:38	11.827	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDUSD	1:30:00 PM	1			0.7242	14:12:43	14.484	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDUSD	3:30:00 PM	1	0.7265	1453				Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCAD	9:30:00 AM	1			0.8705	10:02:20	17.41	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCAD	11:30:00 AM	1			0.73779	12:38:47	22.1337	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCAD	1:30:00 PM	1			1.27852	13:32:24	25.5704	Continuous Quote Driven	N/A	ELECTRONIC	N/A



06/04/2018	USDCAD	3:30:00 PM	1			1.27498	16:22:10	25.4996	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCHF	1:30:00 PM	1			0.96107	15:18:37	19.2214	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCHF	3:30:00 PM	1			0.95979	15:43:06	19.1958	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDJPY	11:30:00 AM	1			107.362	12:12:56	2147.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDJPY	1:30:00 PM	1			107.31	13:56:35	2146.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDJPY	3:30:00 PM	1			107.175	15:42:46	2143.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



06/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	XAUUSD	1:30:00 PM	1			1.28667	14:30:05	25733.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	XAUUSD	3:30:00 PM	1	1335.36	40060.8				Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









09/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
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09/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCAD	3:30:00 PM	1			0.97941	16:35:09	19.5882	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCHF	3:30:00 PM	1			1.82925	16:05:09	36.585	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

09/04/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDNZD	3:30:00 PM	1			1.82925	16:05:09	36.585	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDUSD	11:30:00 AM	1			0.76656	11:55:10	15.3312	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDUSD	1:30:00 PM	1			1.34976	14:41:24	1349.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDUSD	3:30:00 PM	1			1.27693	16:00:09	25.5386	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADCHF	1:30:00 PM	1			0.74886	14:44:07	14.9772	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADCHF	3:30:00 PM	1			1.57278	16:30:10	31.4556	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







09/04/2018	CHFJPY	3:30:00 PM	1			111.747	15:34:40	2234.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURAUD	9:30:00 AM	1			1.60093	11:00:11	16.0093	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURAUD	11:30:00 AM	1			1.6022	12:04:39	16.022	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURAUD	1:30:00 PM	1			1.60372	14:10:09	32.0744	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURAUD	3:30:00 PM	1			1.60332	16:01:12	16.0332	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCAD	1:30:00 PM	1			1.57367	14:21:00	1573.67	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCAD	3:30:00 PM	1			1.93781	16:25:09	38.7562	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCHF	11:30:00 AM	1			1.17824	12:11:08	35.3472	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCHF	1:30:00 PM	1			1.17861	14:15:53	23.5722	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCHF	3:30:00 PM	1			1.179	17:30:09	11.79	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

09/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURGBP	9:30:00 AM	1			1.40647	10:00:10	1406.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURGBP	11:30:00 AM	1			0.87039	13:00:58	17.4078	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURGBP	1:30:00 PM	1			0.87095	14:16:59	17.419	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURGBP	3:30:00 PM	1			0.8713	16:20:43	17.426	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURJPY	9:30:00 AM	1	131.453	2629.06				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURJPY	11:30:00 AM	1			131.444	12:00:00	2628.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURJPY	1:30:00 PM	1			131.578	14:06:05	1315.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURJPY	3:30:00 PM	1			131.833	15:53:04	263666	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURNZD	1:30:00 PM	1			1.686	13:53:31	33.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURNZD	3:30:00 PM	1			1.68873	15:35:34	33.7746	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURUSD	9:30:00 AM	1			1.22813	09:53:07	12.2813	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURUSD	11:30:00 AM	1			1.22698	12:02:57	1226.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURUSD	1:30:00 PM	1			1.22764	13:35:36	24.5528	Continuous Quote Driven	N/A	ELECTRONIC	N/A

09/04/2018	EURUSD	3:30:00 PM	1			1.23164	15:52:28	24.6328	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPAUD	3:30:00 PM	1			1.23006	16:05:21	36.9018	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCAD	9:30:00 AM	1			1.8055	10:59:35	36.11	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCAD	11:30:00 AM	1			1.80611	12:08:52	3612.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCAD	1:30:00 PM	1			1.8083	14:58:44	3616.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCAD	3:30:00 PM	1			1.93781	16:25:09	38.7562	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPJPY	9:30:00 AM	1			151.2	10:33:07	3024	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPJPY	1:30:00 PM	1			1.40251	14:38:43	14.0251	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPJPY	3:30:00 PM	1			151.309	15:46:35	3026.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPNZD	1:30:00 PM	1			1.9391	14:31:55	38.782	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPNZD	3:30:00 PM	1			1.93781	16:25:09	38.7562	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



09/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPUSD	9:30:00 AM	1			1.41077	09:43:01	28.2154	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPUSD	11:30:00 AM	1			1.41018	11:36:55	42.3054	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPUSD	1:30:00 PM	1			1.41088	13:34:12	28.2176	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPUSD	3:30:00 PM	1	1.41532	283064				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GOLD	11:30:00 AM	1			1327.86	12:28:46	26557.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GOLD	1:30:00 PM	1			1.59651	15:15:08	63.8604	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	GOLD	3:30:00 PM	1			1.93781	16:25:09	38.7562	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCHF	3:30:00 PM	1			1.06398	17:00:10	10.6398	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

09/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDJPY	3:30:00 PM	1			77.941	21:50:04	1558.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDUSD	1:30:00 PM	1			0.72927	14:16:54	14.5854	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDUSD	3:30:00 PM	1			0.73091	21:26:12	14.6182	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

09/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCAD	11:30:00 AM	1			0.73724	11:55:03	737.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCAD	1:30:00 PM	1			1.27907	14:00:16	25.5814	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCAD	3:30:00 PM	1			1.27749	15:33:11	25.5498	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCHF	1:30:00 PM	1			0.95735	15:05:20	2872.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCHF	3:30:00 PM	1			1.22909	18:16:48	24.5818	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDJPY	9:30:00 AM	1			107.092	09:40:37	2141.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDJPY	11:30:00 AM	1			107.164	12:10:05	2143.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDJPY	1:30:00 PM	1			107.067	13:52:22	2141.34	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDJPY	3:30:00 PM	1			106.977	15:49:59	2139.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



09/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	XAUUSD	9:30:00 AM	1			1327.69	10:35:10	13276.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	XAUUSD	3:30:00 PM	1			1332.62	16:14:51	26652.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









10/04/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCAD	1:30:00 PM	1			0.97861	14:21:15	19.5722	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCAD	3:30:00 PM	1			0.97862	17:15:14	19.5724	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCHF	9:30:00 AM	1			0.73859	09:50:17	7.3859	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCHF	3:30:00 PM	1			1.56319	15:45:09	31.2638	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

10/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDJPY	1:30:00 PM	1			82.896	13:49:43	1657.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDJPY	3:30:00 PM	1			82.992	16:14:08	8299.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDNZD	3:30:00 PM	1			1.57278	16:30:10	31.4556	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDUSD	3:30:00 PM	1			106.242	16:00:10	1062.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CADCHF	9:30:00 AM	1			0.75338	09:50:13	7.5338	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CADCHF	3:30:00 PM	1			1.27729	16:15:11	25.5458	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





10/04/2018	CHFHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURAUD	9:30:00 AM	1			1.59552	09:58:24	1595.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURAUD	11:30:00 AM	1			1.59321	12:38:14	31.8642	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURAUD	1:30:00 PM	1			1.5971	13:32:51	31.942	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURAUD	3:30:00 PM	1			1.59048	17:27:57	15.9048	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCAD	11:30:00 AM	1			1.56182	12:39:34	31.2364	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCAD	1:30:00 PM	1	1.565866667	23488				Continuous Quote Driven	N/A	ELECTRONIC	N/A

10/04/2018	EURCAD	3:30:00 PM	1			1.56319	15:45:09	31.2638	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCHF	9:30:00 AM	1			1.17791	09:50:29	11.7791	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCHF	1:30:00 PM	1			1.1801	13:36:20	23.602	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCHF	3:30:00 PM	1			1.18096	17:07:12	23.6192	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURGBP	9:30:00 AM	1			109.212	09:58:59	109212	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURGBP	11:30:00 AM	1			0.86974	12:00:13	17.3948	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURGBP	1:30:00 PM	1			0.87201	13:32:16	17.4402	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURGBP	3:30:00 PM	1			0.87229	16:00:45	17.4458	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURJPY	9:30:00 AM	1			128.009	09:35:15	2560.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURJPY	11:30:00 AM	1			131.889	12:32:08	263778	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURJPY	1:30:00 PM	1	132.1821667	17183.68167				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURJPY	3:30:00 PM	1			132.251	15:35:49	2645.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURNZD	9:30:00 AM	1			1.67757	11:14:02	33.5514	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURNZD	11:30:00 AM	1			1.67688	12:37:52	16.7688	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURNZD	1:30:00 PM	1	1.6804	18484.4				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURNZD	3:30:00 PM	1			131.024	16:12:53	131024	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



10/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURUSD	9:30:00 AM	1			1.23293	09:34:46	12.3293	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURUSD	11:30:00 AM	1			1.23264	12:09:34	24.6528	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURUSD	1:30:00 PM	1	1.234325714	50632.0408				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURUSD	3:30:00 PM	1			1.23617	15:49:37	24.7234	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPAUD	9:30:00 AM	1			1.83173	09:48:33	36.6346	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPAUD	11:30:00 AM	1			1.83117	12:40:32	36.6234	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPAUD	1:30:00 PM	1			1.83356	13:48:22	36.6712	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPAUD	3:30:00 PM	1			1.79032	16:15:10	35.8064	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCAD	9:30:00 AM	1			0.73859	09:50:17	7.3859	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCAD	11:30:00 AM	1			1.79838	12:12:55	35.9676	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCAD	1:30:00 PM	1			1.7935	14:36:41	35.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCAD	3:30:00 PM	1			1.40723	15:45:10	28.1446	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCHF	3:30:00 PM	1			1.35493	18:53:32	27.0986	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPJPY	9:30:00 AM	1			1.23293	09:34:46	12.3293	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPJPY	11:30:00 AM	1			151.613	12:12:12	3032.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPJPY	1:30:00 PM	1			151.729	13:32:36	3034.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPJPY	3:30:00 PM	1			151.695	16:11:40	3033.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



10/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPNZD	11:30:00 AM	1			1.92693	12:42:55	38.5386	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPNZD	3:30:00 PM	1			1.17804	16:14:50	5890.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPUSD	9:30:00 AM	1	1.415095	18396.235				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPUSD	11:30:00 AM	1	1.41781	14178.1				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPUSD	1:30:00 PM	1	1.416223333	12746.01				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPUSD	3:30:00 PM	1			1.41744	15:40:10	28.3488	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GOLD	9:30:00 AM	1			1.35517	09:36:38	2710.34	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GOLD	11:30:00 AM	1			1336.25	12:08:00	26725	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GOLD	1:30:00 PM	1			1338.87	13:32:31	26777.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	GOLD	3:30:00 PM	1			1339.75	15:48:48	26795	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

10/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCHF	3:30:00 PM	1			1.22589	15:45:19	1225.89	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDJPY	1:30:00 PM	1			78.766	14:43:51	1575.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDJPY	3:30:00 PM	1			0.8709	17:25:21	17.418	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDUSD	9:30:00 AM	1			0.73432	11:07:15	734.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDUSD	11:30:00 AM	1			0.7339	11:44:31	733.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDUSD	1:30:00 PM	1			0.73531	13:35:35	7.3531	Continuous Quote Driven	N/A	ELECTRONIC	N/A

10/04/2018	NZDUSD	3:30:00 PM	1			0.7359	15:41:03	14.718	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCAD	9:30:00 AM	1			1.26918	10:28:12	38.0754	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCAD	11:30:00 AM	1			1.26918	11:55:59	12.6918	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCAD	1:30:00 PM	1	1.26688	38.0064				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCAD	3:30:00 PM	1			1.2635	15:43:22	101.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCHF	1:30:00 PM	1			0.95477	13:32:12	9.5477	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCHF	3:30:00 PM	1			0.95382	15:32:57	19.0764	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDJPY	9:30:00 AM	1			1.60173	10:00:18	16.0173	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDJPY	11:30:00 AM	1			107.033	11:48:33	1070.33	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDJPY	1:30:00 PM	1			106.926	13:38:59	2138.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDJPY	3:30:00 PM	1			106.959	15:34:26	2139.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



10/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	XAUUSD	1:30:00 PM	1			1338.87	13:32:31	26777.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	XAUUSD	3:30:00 PM	1	1339.98	13399.8				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









11/04/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#TWTR	3:30:00 PM	1			28.99	18:01:17	579.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCAD	1:30:00 PM	1			1.92286	14:05:11	38.4572	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCAD	3:30:00 PM	1			1.56509	16:40:11	31.3018	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCHF	9:30:00 AM	1			0.74302	09:45:09	74.302	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCHF	11:30:00 AM	1			0.74227	11:36:23	14.8454	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCHF	1:30:00 PM	1			106.176	14:41:01	1061.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/04/2018	AUDCHF	3:30:00 PM	1			1.2608	15:45:16	25.216	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDJPY	3:30:00 PM	1			1.23278	20:12:12	24.6556	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDNZD	9:30:00 AM	1			1.05181	10:16:00	42.0724	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDUSD	9:30:00 AM	1			0.77512	09:44:57	1550.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDUSD	1:30:00 PM	1			0.77412	15:21:34	1548.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDUSD	3:30:00 PM	1			0.77506	15:47:34	15.5012	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADCHF	9:30:00 AM	1			0.7057	09:45:11	705.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADCHF	1:30:00 PM	1			0.75882	15:05:49	7.5882	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADCHF	3:30:00 PM	1	0.75926	37.963				Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADJPY	3:30:00 PM	1			84.836	17:02:29	1696.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	CADZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





11/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURAUD	9:30:00 AM	1			1.5953	11:18:06	31.906	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURAUD	3:30:00 PM	1			1.59742	18:15:39	31.9484	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCAD	1:30:00 PM	1			1.5614	14:18:46	31.228	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCAD	3:30:00 PM	1	1.5611	78.055				Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCHF	9:30:00 AM	1			1.18565	09:32:37	1185.65	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCHF	3:30:00 PM	1			1.18464	21:15:10	23.6928	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURGBP	9:30:00 AM	1			1.40764	10:12:21	2815.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURGBP	11:30:00 AM	1			0.87279	13:12:03	17.4558	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURGBP	1:30:00 PM	1			0.87393	13:35:13	17.4786	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURGBP	3:30:00 PM	1			0.87192	15:33:37	17.4384	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURJPY	9:30:00 AM	1			132.555	09:32:58	1325.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURJPY	11:30:00 AM	1			132.343	11:38:04	2646.86	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURJPY	1:30:00 PM	1			132.277	14:14:33	2645.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURJPY	3:30:00 PM	1			77.375	15:39:09	773.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURNZD	9:30:00 AM	1			1.67983	11:12:38	33.5966	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURNZD	11:30:00 AM	1			1.67972	11:39:41	33.5944	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURNZD	1:30:00 PM	1			1.68125	14:44:31	33.625	Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/04/2018	EURNZD	3:30:00 PM	1			0.6887	16:20:19	688.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURUSD	9:30:00 AM	1			1.39985	09:35:44	4199.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURUSD	11:30:00 AM	1			1.23631	11:34:05	24.7262	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURUSD	1:30:00 PM	1			1.2381	13:47:01	24.762	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURUSD	3:30:00 PM	1			18.693	15:37:36	18693	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPAUD	9:30:00 AM	1	1.83437	14674.96				Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPAUD	11:30:00 AM	1			1.83174	11:58:32	18.3174	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPAUD	1:30:00 PM	1			1.82941	13:35:08	18.2941	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPAUD	3:30:00 PM	1			1.59487	15:40:12	63.7948	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCAD	9:30:00 AM	1			1.92686	11:05:23	38.5372	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCAD	1:30:00 PM	1			1.78814	13:35:09	35.7628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCAD	3:30:00 PM	1			1.80247	16:30:09	18.0247	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCHF	9:30:00 AM	1	1.36113	24228.114				Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



11/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPJPY	11:30:00 AM	1			151.82	12:03:54	3036.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPJPY	1:30:00 PM	1			151.529	14:53:28	3030.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPJPY	3:30:00 PM	1			151.676	15:55:02	3033.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPNZD	9:30:00 AM	1			1.92686	11:05:23	38.5372	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPNZD	11:30:00 AM	1			1.92791	11:41:49	38.5582	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPNZD	1:30:00 PM	1			1.82941	13:35:08	18.2941	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPNZD	3:30:00 PM	1			131.063	15:50:11	1310.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPUSD	9:30:00 AM	1	1.422146667	143693.6992				Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPUSD	11:30:00 AM	1			1.4188	11:32:48	28.376	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPUSD	1:30:00 PM	1			1.41765	13:33:04	28.353	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPUSD	3:30:00 PM	1			1.41953	15:40:58	28.3906	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GOLD	9:30:00 AM	1			1.40629	10:05:12	1406.29	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GOLD	11:30:00 AM	1	1343.84	2687680				Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GOLD	1:30:00 PM	1			1348.61	13:57:11	26972.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	GOLD	3:30:00 PM	1			1353.39	15:55:08	27067.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



11/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCHF	9:30:00 AM	1			0.7057	09:45:11	705.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCHF	11:30:00 AM	1			1.34864	11:38:22	13486.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCHF	1:30:00 PM	1			1326.52	14:55:08	26530.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCHF	3:30:00 PM	1			1.83349	16:40:10	36.6698	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDUSD	3:30:00 PM	1			1.40838	17:00:30	14.0838	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCAD	9:30:00 AM	1			1.26136	10:38:01	25.2272	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCAD	11:30:00 AM	1			0.77755	11:52:26	233.265	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCAD	1:30:00 PM	1			1.26194	14:00:08	25.2388	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCAD	3:30:00 PM	1			1.26114	15:33:17	25.2228	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCHF	9:30:00 AM	1			1.18669	09:33:29	11.8669	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCHF	11:30:00 AM	1			1.59753	12:00:08	15.9753	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCHF	3:30:00 PM	1			0.95806	15:41:28	19.1612	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDJPY	9:30:00 AM	1			107.022	10:04:58	2140.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDJPY	11:30:00 AM	1			130.719	12:00:11	261438	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDJPY	1:30:00 PM	1			106.78	14:23:20	2135.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDJPY	3:30:00 PM	1			106.892	15:45:58	2137.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDSEK	3:30:00 PM	1			8.3382	20:21:32	166.764	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	XAUUSD	9:30:00 AM	1			1343.85	10:12:16	26877	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	XAUUSD	1:30:00 PM	1			1354.44	14:40:48	27088.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	XAUUSD	3:30:00 PM	1			1359.32	17:10:18	13593.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A











12/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCAD	11:30:00 AM	1			0.9759	12:31:27	58.554	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCHF	11:30:00 AM	1			0.72753	12:05:09	421.9674	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDJPY	9:30:00 AM	1			82.783	11:04:11	1655.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDJPY	11:30:00 AM	1			1.35722	12:50:10	27.1444	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



12/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDUSD	9:30:00 AM	1			0.77436	11:00:05	15.4872	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDUSD	11:30:00 AM	1			0.77515	12:50:52	15.503	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDUSD	3:30:00 PM	1			1.4101	16:43:50	28.202	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADCHF	9:30:00 AM	1			0.764	11:27:40	15.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADCHF	11:30:00 AM	1			0.76463	12:31:26	764.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



12/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURAUD	9:30:00 AM	1			1.59447	09:50:00	31.8894	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURAUD	11:30:00 AM	1			1.59307	11:37:51	31.8614	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURAUD	1:30:00 PM	1			1.40244	13:57:46	28.0488	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURAUD	3:30:00 PM	1			1.25891	16:27:20	12.5891	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCAD	11:30:00 AM	1			1.55511	12:05:12	31.1022	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCAD	1:30:00 PM	1	1.552743333	46.5823				Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCHF	11:30:00 AM	1			1.18826	13:10:20	23.7652	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCHF	1:30:00 PM	1			1.18742	13:53:09	23.7484	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCHF	3:30:00 PM	1			1.18601	16:35:41	23.7202	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURGBP	9:30:00 AM	1			0.87239	10:29:18	17.4478	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURGBP	11:30:00 AM	1			0.87129	11:42:47	17.4258	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURGBP	1:30:00 PM	1			0.86866	13:38:58	17.3732	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURGBP	3:30:00 PM	1			1.40359	16:00:21	617.5796	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURJPY	9:30:00 AM	1			132.181	09:42:14	2643.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURJPY	11:30:00 AM	1			131.932	12:04:04	1319.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURJPY	1:30:00 PM	1			132.048	14:07:05	2640.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURJPY	3:30:00 PM	1			132.216	17:23:50	2644.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

12/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURNZD	11:30:00 AM	1			0.8697	12:31:28	1739.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURNZD	3:30:00 PM	1			1.67171	15:44:35	1671.71	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURUSD	9:30:00 AM	1			1.2363	09:38:08	24.726	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURUSD	11:30:00 AM	1	1.23339	123339				Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURUSD	1:30:00 PM	1			0.87243	13:46:17	17.4486	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURUSD	3:30:00 PM	1	1.23031	12.3031				Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPAUD	9:30:00 AM	1			1.82754	10:30:10	36.5508	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPAUD	11:30:00 AM	1			1.82837	11:45:10	36.5674	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPAUD	1:30:00 PM	1			1.83231	13:39:02	36.6462	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCAD	9:30:00 AM	1			1.78637	10:35:22	35.7274	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCAD	11:30:00 AM	1			1.78638	12:28:36	35.7276	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCAD	3:30:00 PM	1			131.063	15:50:11	1310.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCHF	11:30:00 AM	1			1.3652	12:28:41	13.652	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCHF	3:30:00 PM	1			1.27612	19:03:31	25.5224	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



12/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPJPY	9:30:00 AM	1			151.387	10:56:50	3027.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPJPY	11:30:00 AM	1			151.924	12:30:07	3038.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPJPY	1:30:00 PM	1			152.273	13:39:04	152273	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPJPY	3:30:00 PM	1			152.407	15:36:45	3048.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPNZD	9:30:00 AM	1			1.92019	10:35:12	38.4038	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPNZD	11:30:00 AM	1			1.28279	12:00:10	12.8279	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPNZD	3:30:00 PM	1			1.92616	16:19:14	38.5232	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPUSD	9:30:00 AM	1			1.41757	10:32:56	28.3514	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPUSD	11:30:00 AM	1			1.4166	11:42:46	28.332	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPUSD	1:30:00 PM	1			1.41972	13:35:16	28.3944	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPUSD	3:30:00 PM	1			1.42222	16:38:32	14.2222	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GOLD	9:30:00 AM	1			1351.17	09:39:51	27023.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A

12/04/2018	GOLD	11:30:00 AM	1	1347.32	1347320				Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GOLD	1:30:00 PM	1	1345.8225	24224805				Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	GOLD	3:30:00 PM	1			1339.1	16:49:54	26782	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCHF	9:30:00 AM	1	0.70819	35.4095				Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCHF	11:30:00 AM	1			0.70958	12:05:10	14.1916	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCHF	1:30:00 PM	1			0.70978	15:25:40	14.1956	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCHF	3:30:00 PM	1			0.71033	19:02:17	14.2066	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

12/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDUSD	11:30:00 AM	1			0.73777	12:38:34	22.1331	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDUSD	1:30:00 PM	1			0.73672	15:19:10	14.7344	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDUSD	3:30:00 PM	1			0.87229	16:00:45	17.4458	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	SILVER	3:30:00 PM	1			16.72	16:45:45	167.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCAD	9:30:00 AM	1			1.24659	10:00:09	12.4659	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCAD	11:30:00 AM	1			0.69684	12:24:11	2090.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCAD	1:30:00 PM	1			1.25814	13:36:32	25.1628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCAD	3:30:00 PM	1			1.22967	15:34:28	24.5934	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCHF	9:30:00 AM	1			1.24659	10:00:09	12.4659	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCHF	11:30:00 AM	1			132.45	11:40:12	3973.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCHF	1:30:00 PM	1			0.74692	14:55:22	22.4076	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCHF	3:30:00 PM	1			0.96348	15:37:34	19.2696	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



12/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDJPY	11:30:00 AM	1			106.931	11:34:30	2138.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDJPY	1:30:00 PM	1			1.32876	15:12:12	1328.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDJPY	3:30:00 PM	1			107.407	15:39:03	2148.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDSEK	9:30:00 AM	1			132.513	09:48:41	2650.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	XAUUSD	9:30:00 AM	1			1345.47	11:04:09	13454.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	XAUUSD	11:30:00 AM	1			1346.17	13:29:06	26923.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	XAUUSD	1:30:00 PM	1	1345.52	1345520				Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	XAUUSD	3:30:00 PM	1			1341.48	15:43:39	26829.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





13/04/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









13/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDUSD	9:30:00 AM	1			0.78007	09:55:22	15.6014	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDUSD	11:30:00 AM	1			0.78081	12:37:50	15.6162	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDUSD	1:30:00 PM	1			0.78027	13:55:51	15.6054	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDUSD	3:30:00 PM	1			0.77819	15:35:05	15.5638	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADJPY	9:30:00 AM	1			85.733	09:44:11	1714.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADJPY	1:30:00 PM	1			85.645	15:08:57	85645	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADJPY	3:30:00 PM	1			85.355	17:32:17	853.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



13/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURAUD	9:30:00 AM	1			1.41519	09:55:12	14.1519	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURAUD	11:30:00 AM	1			1.58019	12:30:13	47.4057	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURAUD	1:30:00 PM	1			1.582	15:28:24	31.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURAUD	3:30:00 PM	1			1.58442	16:11:02	31.6884	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCAD	9:30:00 AM	1			1.55251	10:28:11	31.0502	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURGBP	9:30:00 AM	1			0.8638	10:12:45	0.8638	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURGBP	11:30:00 AM	1			0.86311	12:18:53	17.2622	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURGBP	1:30:00 PM	1			0.87442	15:00:10	26232.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURGBP	3:30:00 PM	1			0.86426	16:00:14	17.2852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



13/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURJPY	9:30:00 AM	1			132.783	09:47:07	2655.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURJPY	11:30:00 AM	1			131.45	12:00:09	2629	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURJPY	1:30:00 PM	1			132.71	14:50:51	132710	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURJPY	3:30:00 PM	1			1.30953	16:07:50	1322.6253	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURUSD	9:30:00 AM	1			1.23332	09:32:57	24.6664	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURUSD	11:30:00 AM	1	1.23299	246598				Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURUSD	1:30:00 PM	1			1.23207	13:36:46	24.6414	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURUSD	3:30:00 PM	1			1.23232	15:32:03	24.6464	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPAUD	3:30:00 PM	1			1.23305	20:34:31	24.661	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

13/04/2018	GBPCAD	11:30:00 AM	1			1.79426	12:07:10	35.8852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCAD	3:30:00 PM	1			1.79701	18:22:48	35.9402	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCHF	9:30:00 AM	1			1.37335	09:46:50	27.467	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCHF	11:30:00 AM	1			1.37377	12:50:16	27.4754	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCHF	1:30:00 PM	1			1.37311	13:54:54	27.4622	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCHF	3:30:00 PM	1			1.37298	18:15:53	27.4596	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPJPY	9:30:00 AM	1			153.533	09:45:26	153533	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPJPY	11:30:00 AM	1			153.595	12:24:27	3071.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPJPY	1:30:00 PM	1			153.512	13:38:55	3070.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPJPY	3:30:00 PM	1			153.348	16:08:52	3066.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPNZD	3:30:00 PM	1			1.93829	15:35:27	38.7658	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

13/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPUSD	9:30:00 AM	1			1.42642	09:37:21	28.5284	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPUSD	11:30:00 AM	1			1.42894	12:12:18	28.5788	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPUSD	1:30:00 PM	1	1.42533	14.2533				Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPUSD	3:30:00 PM	1			1.42649	16:18:34	285.298	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GOLD	9:30:00 AM	1			1339.81	09:35:35	26796.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GOLD	11:30:00 AM	1			1341.25	12:11:03	26825	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GOLD	1:30:00 PM	1			131.82	13:56:02	1318.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	GOLD	3:30:00 PM	1			1342.11	15:43:48	26842.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



13/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDUSD	11:30:00 AM	1			0.73814	13:21:39	14.7628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDUSD	1:30:00 PM	1			1.40292	14:43:53	28.0584	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDUSD	3:30:00 PM	1			0.73541	17:30:58	14.7082	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCAD	9:30:00 AM	1			1.41655	09:35:14	1558.205	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCAD	11:30:00 AM	1			131.45	12:00:09	2629	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCAD	1:30:00 PM	1			1.25656	14:53:29	25.1312	Continuous Quote Driven	N/A	ELECTRONIC	N/A



13/04/2018	USDCAD	3:30:00 PM	1			1.22958	17:00:18	12.2958	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCHF	9:30:00 AM	1			0.96138	09:54:56	19.2276	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDJPY	9:30:00 AM	1			107.566	11:19:55	2151.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDJPY	11:30:00 AM	1			107.528	11:45:03	2150.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDJPY	1:30:00 PM	1			107.719	14:56:59	2154.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDJPY	3:30:00 PM	1			107.645	15:52:22	2152.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

13/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	XAUUSD	9:30:00 AM	1			1341.63	11:07:59	26832.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	XAUUSD	11:30:00 AM	1			1339.9	12:56:59	26798	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	XAUUSD	3:30:00 PM	1			1344.82	21:40:45	26896.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



16/04/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#GSK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HPQ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HPQ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HPQ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HPQ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HSBA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HSBA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HSBA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#HSBA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#IBM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#IBM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#IBM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#IBM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#INTC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#INTC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#INTC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#INTC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#JNJ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#JNJ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#JNJ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#JNJ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#JPM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#JPM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#JPM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#JPM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#KO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#KO	3:30:00 PM	1			44.47	16:39:39	88.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#LLOY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#LLOY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





16/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCAD	1:30:00 PM	1			0.87201	13:32:16	17.4402	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDJPY	9:30:00 AM	1			83.365	10:53:18	1667.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDJPY	11:30:00 AM	1			83.361	13:11:48	1667.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

16/04/2018	AUDJPY	3:30:00 PM	1			83.321	16:19:28	1666.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDUSD	9:30:00 AM	1			0.77768	10:00:30	15.5536	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDUSD	11:30:00 AM	1			0.77755	11:52:26	233.265	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDUSD	1:30:00 PM	1			0.77679	14:10:12	15.5358	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDUSD	3:30:00 PM	1			0.77703	15:40:45	15.5406	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





16/04/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURAUD	9:30:00 AM	1			1.59003	10:50:38	31.8006	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURAUD	11:30:00 AM	1			1.58979	11:53:11	31.7958	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURAUD	1:30:00 PM	1			0.9248	14:50:10	18.496	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURAUD	3:30:00 PM	1			1.58664	00:15:08	31.7328	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCAD	9:30:00 AM	1			1.55889	10:28:19	15.5889	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCHF	11:30:00 AM	1			1.18661	12:09:50	23.7322	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCHF	3:30:00 PM	1			1.18808	22:54:10	23.7616	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

16/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURGBP	9:30:00 AM	1			1.23545	09:53:50	24.709	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURGBP	11:30:00 AM	1			0.86463	11:35:24	17.2926	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURGBP	1:30:00 PM	1			0.86394	13:36:12	17.2788	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURGBP	3:30:00 PM	1			0.86338	16:57:51	17.2676	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURJPY	9:30:00 AM	1			1.42025	09:34:02	42.6075	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURJPY	11:30:00 AM	1			131.45	12:00:09	2629	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURJPY	1:30:00 PM	1			132.662	13:32:21	2653.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURJPY	3:30:00 PM	1			132.909	15:37:10	2658.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURUSD	9:30:00 AM	1			1.23418	09:50:35	24.6836	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURUSD	11:30:00 AM	1			1.23666	11:33:37	24.7332	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURUSD	1:30:00 PM	1			1.23683	13:37:25	24.7366	Continuous Quote Driven	N/A	ELECTRONIC	N/A

16/04/2018	EURUSD	3:30:00 PM	1			1.23917	15:32:31	24.7834	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPAUD	3:30:00 PM	1			1.84094	16:07:51	36.8188	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCAD	11:30:00 AM	1			1.80378	12:11:36	36.0756	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCHF	3:30:00 PM	1			1.37074	00:04:21	27.4148	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPJPY	11:30:00 AM	1			0.8889	11:34:08	8.889	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPJPY	1:30:00 PM	1			153.707	15:21:03	3074.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPJPY	3:30:00 PM	1			153.521	16:42:44	3070.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



16/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPUSD	9:30:00 AM	1			1.42527	09:36:56	28.5054	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPUSD	11:30:00 AM	1			0.8889	11:34:08	8.889	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPUSD	1:30:00 PM	1			1.93879	13:36:02	19.3879	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPUSD	3:30:00 PM	1			0.87693	16:00:16	17.5386	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GOLD	9:30:00 AM	1			1345.24	10:46:16	26904.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GOLD	11:30:00 AM	1			147.165	11:50:45	2943.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GOLD	1:30:00 PM	1	1342.99	4028970				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	GOLD	3:30:00 PM	1			1347.56	15:35:20	26951.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCAD	3:30:00 PM	1			0.92633	17:37:45	18.5266	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





16/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCAD	1:30:00 PM	1			1.26024	13:40:50	25.2048	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCHF	1:30:00 PM	1	0.96001	960.01				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCHF	3:30:00 PM	1			0.95892	16:39:38	1.91784	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDJPY	11:30:00 AM	1			107.24	12:27:12	2144.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDJPY	1:30:00 PM	1			107.29	14:31:46	2145.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDJPY	3:30:00 PM	1			107.167	16:17:22	2143.34	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

16/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDZAR	1:30:00 PM	1			12.0935	14:15:32	241.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	USDZAR	3:30:00 PM	1			12.0322	21:05:46	240.644	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	XAUUSD	9:30:00 AM	1			0.7057	09:45:11	705.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	XAUUSD	11:30:00 AM	1			1344.13	12:47:58	26882.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	XAUUSD	3:30:00 PM	1			1.95082	16:20:10	15606.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









17/04/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#TWTR	3:30:00 PM	1			31.77	22:20:52	635.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCAD	1:30:00 PM	1			0.97552	13:39:31	9755.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCAD	3:30:00 PM	1			0.97493	17:50:35	9749.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCHF	3:30:00 PM	1			0.75061	19:57:20	7.5061	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

17/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDJPY	9:30:00 AM	1			1.28155	09:51:05	51.262	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDJPY	3:30:00 PM	1			83.141	19:30:49	831.41	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDNZD	1:30:00 PM	1			129.627	15:16:29	129627	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDUSD	11:30:00 AM	1			0.77736	11:48:55	15.5472	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDUSD	3:30:00 PM	1			0.77751	19:19:37	7775.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







17/04/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURCHF	9:30:00 AM	1			129.344	09:53:49	12934.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURCHF	11:30:00 AM	1			1.18983	13:05:27	11898.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURCHF	1:30:00 PM	1			1.191	13:33:44	11910	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURCHF	3:30:00 PM	1			1.19285	15:42:55	11.9285	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURGBP	9:30:00 AM	1			0.86274	10:28:00	17.2548	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURGBP	1:30:00 PM	1			132.759	14:00:11	2655.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURGBP	3:30:00 PM	1			0.86318	16:01:00	8.6318	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURJPY	9:30:00 AM	1	132.727	132727				Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURJPY	11:30:00 AM	1			132.424	11:48:43	2648.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURJPY	1:30:00 PM	1			1.40484	14:00:21	28.0968	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURJPY	3:30:00 PM	1	132.294	13229.4				Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

17/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURUSD	9:30:00 AM	1	1.24088	12.4088				Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURUSD	11:30:00 AM	1			1.23804	11:33:01	1238.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURUSD	1:30:00 PM	1			1.23658	13:58:56	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURUSD	3:30:00 PM	1			1.23508	15:35:44	1235.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPAUD	1:30:00 PM	1			1.84349	14:28:42	36.8698	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCAD	11:30:00 AM	1			1.79964	12:05:07	17.9964	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCAD	3:30:00 PM	1			1.41458	15:39:08	28.2916	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPJPY	9:30:00 AM	1			0.87074	11:00:10	34.8296	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPJPY	11:30:00 AM	1	153.443	153443				Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPJPY	3:30:00 PM	1			1.41458	15:39:08	28.2916	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



17/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPUSD	9:30:00 AM	1			1.43682	09:52:47	28.7364	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPUSD	11:30:00 AM	1			1.43213	11:39:09	28.6426	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPUSD	1:30:00 PM	1			1.43456	13:47:09	14.3456	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPUSD	3:30:00 PM	1			1.43126	15:32:02	2862.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GOLD	9:30:00 AM	1			1345.68	09:47:22	13456.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GOLD	11:30:00 AM	1			1342.78	11:38:05	1342780	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GOLD	1:30:00 PM	1			1340.6	14:39:22	1340600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	GOLD	3:30:00 PM	1	1339.82	1339820				Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

17/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDJPY	9:30:00 AM	1			78.537	10:55:05	78537	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDJPY	3:30:00 PM	1			78.545	19:54:20	78545	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDUSD	9:30:00 AM	1			0.73482	11:00:22	1469.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDUSD	11:30:00 AM	1			0.73398	11:38:16	733.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDUSD	1:30:00 PM	1			0.73254	15:01:12	1465.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A

17/04/2018	NZDUSD	3:30:00 PM	1			0.73315	16:37:51	733.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCAD	9:30:00 AM	1			1.25652	10:01:46	12.5652	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCAD	11:30:00 AM	1			1.25692	11:45:37	12.5692	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCAD	3:30:00 PM	1			1.25609	16:53:36	1758.526	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCHF	11:30:00 AM	1			0.962	12:30:12	9.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCHF	3:30:00 PM	1			0.96611	16:26:05	19.3222	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDJPY	9:30:00 AM	1			106.931	10:39:51	106931	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDJPY	11:30:00 AM	1			107.095	13:01:46	535475	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDJPY	1:30:00 PM	1			107.136	14:40:28	535680	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDJPY	3:30:00 PM	1			107.096	15:42:33	10709.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

17/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDSEK	11:30:00 AM	1			8.4249	12:19:49	336996	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	XAUUSD	1:30:00 PM	1			1339.79	15:07:56	13397.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	XAUUSD	3:30:00 PM	1			1344.55	18:13:43	13445.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









18/04/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	AUDCAD	11:30:00 AM	1			0.97595	12:10:11	9.7595	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	AUDCAD	3:30:00 PM	1			0.98002	16:02:57	9.8002	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	AUDCHF	9:30:00 AM	1			0.75097	10:48:34	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









18/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURAUD	1:30:00 PM	1			1.59532	13:40:11	15.9532	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURAUD	3:30:00 PM	1			1.05223	16:35:10	21.0446	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCAD	1:30:00 PM	1			1.55869	13:40:46	15.5869	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCAD	3:30:00 PM	1			1.56335	17:17:37	7816.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCHF	3:30:00 PM	1			1.19791	18:55:18	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURGBP	9:30:00 AM	1			1.39371	10:14:13	25086.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURGBP	11:30:00 AM	1			0.76818	13:00:11	7.6818	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURGBP	1:30:00 PM	1			0.87106	14:18:26	8.7106	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURGBP	3:30:00 PM	1	0.87117	4355.85				Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURJPY	9:30:00 AM	1			132.672	10:34:59	265344	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURJPY	11:30:00 AM	1			132.625	12:08:28	1326.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURJPY	1:30:00 PM	1			0.8735	13:40:25	17.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURJPY	3:30:00 PM	1			1.25691	17:00:20	25.1382	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURNZD	9:30:00 AM	1			1.68963	10:28:06	1689.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



18/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURUSD	9:30:00 AM	1	1.23563	3706.89				Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURUSD	11:30:00 AM	1			1.23713	11:48:17	24.7426	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURUSD	1:30:00 PM	1			1.23852	13:40:12	12.3852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURUSD	3:30:00 PM	1	1.238403333	928.8025				Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPAUD	9:30:00 AM	1			1.8437	09:32:16	18.437	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCAD	9:30:00 AM	1			1.78665	10:43:42	1786.65	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPJPY	9:30:00 AM	1			152.322	10:44:48	152322	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPJPY	11:30:00 AM	1			152.219	12:26:13	4566570	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPJPY	1:30:00 PM	1			152.623	14:38:07	4578690	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPNZD	9:30:00 AM	1			1.94419	10:31:40	1944.19	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPNZD	3:30:00 PM	1			1.35077	15:42:37	108.0616	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPUSD	9:30:00 AM	1			1.42745	10:16:43	28.549	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPUSD	11:30:00 AM	1			1.41866	11:38:26	2837.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPUSD	1:30:00 PM	1			1.41708	13:38:34	28.3416	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPUSD	3:30:00 PM	1			1.42332	15:52:13	1423.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GOLD	11:30:00 AM	1			0.87535	12:41:42	8.7535	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GOLD	1:30:00 PM	1			1349.5	13:51:30	13495	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	GOLD	3:30:00 PM	1	1354.65	4063950				Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCAD	9:30:00 AM	1			0.91952	09:56:24	18.3904	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCAD	1:30:00 PM	1			0.92068	13:51:22	18.4136	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCAD	3:30:00 PM	1			0.92172	15:43:18	18.4344	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDJPY	9:30:00 AM	1			78.493	09:57:43	78493	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDUSD	1:30:00 PM	1			0.73253	14:52:17	7.3253	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDUSD	3:30:00 PM	1			1338.61	16:58:49	26772.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	SILVER	3:30:00 PM	1			17.02	19:14:57	340.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCAD	9:30:00 AM	1			1.25801	10:29:26	12.5801	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCAD	11:30:00 AM	1			1.25749	13:00:25	12.5749	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCAD	1:30:00 PM	1			1.59827	13:48:36	31.9654	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCAD	3:30:00 PM	1			1.22637	15:48:15	24.5274	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCHF	9:30:00 AM	1			0.9675	09:50:08	9.675	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCHF	1:30:00 PM	1			0.96741	14:53:38	9.6741	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCHF	3:30:00 PM	1			0.9655	15:35:35	2896.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



18/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDJPY	11:30:00 AM	1			107.26	12:01:12	107260	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDJPY	1:30:00 PM	1			107.232	13:50:11	1072.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDJPY	3:30:00 PM	1			107.277	17:02:46	214554	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDSEK	11:30:00 AM	1			1.28869	13:25:29	12886.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDSEK	1:30:00 PM	1			1.40125	14:29:01	28.025	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	XAUUSD	1:30:00 PM	1			1350.11	13:45:09	13501.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	XAUUSD	3:30:00 PM	1	1353.33	13533.3				Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A











19/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCAD	11:30:00 AM	1			0.98174	13:26:32	9.8174	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCAD	1:30:00 PM	1			0.98164	14:20:44	9.8164	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCAD	3:30:00 PM	1			0.97853	18:43:00	293559	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDJPY	3:30:00 PM	1			83.013	18:24:17	1660.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

19/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDUSD	9:30:00 AM	1			0.77955	10:39:37	62.364	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDUSD	1:30:00 PM	1			1.2312	15:00:20	24.624	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDUSD	3:30:00 PM	1			1.25605	15:48:26	1256.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADCHF	9:30:00 AM	1			0.76833	11:21:09	7.6833	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADCHF	11:30:00 AM	1			148.464	12:27:42	148464	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADCHF	3:30:00 PM	1			0.76697	20:24:10	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





19/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURAUD	1:30:00 PM	1			0.86737	14:15:10	17.3474	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURAUD	3:30:00 PM	1	1.59098	79.549				Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCAD	11:30:00 AM	1			1.55928	13:13:48	31.1856	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCAD	1:30:00 PM	1			1.56	14:10:41	31.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCAD	3:30:00 PM	1			1.56019	16:18:38	31.2038	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCHF	3:30:00 PM	1			1.19892	23:26:12	5395.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURGBP	9:30:00 AM	1			0.87337	09:33:11	17.4674	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURGBP	11:30:00 AM	1			0.87178	11:32:19	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURGBP	1:30:00 PM	1			1.92891	14:05:39	19.2891	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURGBP	3:30:00 PM	1			0.86426	16:00:14	17.2852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURJPY	9:30:00 AM	1			132.778	10:36:20	1327.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURJPY	11:30:00 AM	1			132.858	12:33:30	132858	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURJPY	1:30:00 PM	1	132.917	2658.34				Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURJPY	3:30:00 PM	1			1.27749	15:33:11	25.5498	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

19/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURNZD	11:30:00 AM	1			1.69297	12:56:37	16.9297	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURNZD	1:30:00 PM	1			1.2173	14:36:13	1217.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURNZD	3:30:00 PM	1			1.69589	16:20:39	5087.67	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURUSD	9:30:00 AM	1			1.40647	10:00:10	1406.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURUSD	11:30:00 AM	1			1.23647	11:41:30	370941	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURUSD	1:30:00 PM	1			1.23689	13:42:26	12.3689	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURUSD	3:30:00 PM	1			1.23713	16:00:47	37.1139	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPAUD	11:30:00 AM	1			1.82001	11:49:20	18.2001	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPAUD	3:30:00 PM	1			1.82802	16:36:55	5484.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCAD	9:30:00 AM	1			1.7882	10:31:27	89.41	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCAD	11:30:00 AM	1			1.79304	12:40:44	1793.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

19/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPJPY	9:30:00 AM	1			152.409	09:47:00	1524.09	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPJPY	11:30:00 AM	1			152.301	11:38:14	4569.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPJPY	1:30:00 PM	1			152.84	14:34:00	1528.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPJPY	3:30:00 PM	1			1.21813	17:34:11	1218.13	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPNZD	11:30:00 AM	1			1.94326	12:24:35	7773.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPNZD	3:30:00 PM	1			0.70176	00:45:00	2105.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPUSD	9:30:00 AM	1			1.42104	09:32:32	14.2104	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPUSD	11:30:00 AM	1			1.41976	11:41:12	241.3592	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPUSD	1:30:00 PM	1	1.42389	5695.56				Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPUSD	3:30:00 PM	1			1.42364	15:33:06	28.4728	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	GOLD	9:30:00 AM	1			1352.18	10:14:07	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A







19/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDUSD	3:30:00 PM	1			0.72917	17:19:21	14.5834	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCAD	9:30:00 AM	1			1.26191	10:00:20	2523.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCAD	11:30:00 AM	1			1.26183	11:47:26	1766.562	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCAD	1:30:00 PM	1			1.25935	13:38:26	12.5935	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCAD	3:30:00 PM	1			1.27693	16:00:09	25.5386	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCHF	9:30:00 AM	1			0.96795	10:21:04	19.359	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCHF	1:30:00 PM	1			1.25017	14:53:00	12.5017	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCHF	3:30:00 PM	1			0.97169	17:40:20	9.7169	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

19/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDJPY	1:30:00 PM	1			107.335	14:53:11	1073.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDJPY	3:30:00 PM	1			107.362	18:25:49	1073.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDMXN	9:30:00 AM	1			1.41916	10:58:58	2838.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDMXN	11:30:00 AM	1			18.166	12:21:23	726.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDSEK	3:30:00 PM	1			111.144	16:35:57	1111.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	XAUUSD	3:30:00 PM	1			1345.03	17:05:11	26900.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



20/04/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



20/04/2018	#GSK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HPQ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HPQ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HPQ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HPQ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HSBA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HSBA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HSBA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#HSBA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#IBM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#IBM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#IBM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#IBM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#INTC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#INTC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#INTC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#INTC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#JNJ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#JNJ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#JNJ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#JNJ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#JPM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#JPM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#JPM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#JPM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#KO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#KO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#LLOY	11:30:00 AM	1			65.87	13:03:23	658.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#LLOY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





20/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDUSD	9:30:00 AM	1			0.77	11:09:32	770	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDUSD	11:30:00 AM	1			130.328	12:00:12	1303.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDUSD	1:30:00 PM	1			0.76691	15:25:41	7.6691	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDUSD	3:30:00 PM	1			0.76639	15:46:46	15.3278	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





20/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURAUD	9:30:00 AM	1			1.60079	09:45:20	4802.37	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURAUD	3:30:00 PM	1			1.37622	16:35:48	13.7622	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCAD	11:30:00 AM	1			1.55682	12:36:15	1556.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCAD	1:30:00 PM	1			1.55859	13:35:00	15.5859	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCHF	9:30:00 AM	1			1.19653	09:55:35	11.9653	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCHF	11:30:00 AM	1			1.40536	11:58:10	14.0536	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCHF	1:30:00 PM	1			1.19708	13:56:05	23.9416	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCHF	3:30:00 PM	1			1.19592	16:04:14	11.9592	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURGBP	9:30:00 AM	1			0.87764	09:59:34	8.7764	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURGBP	3:30:00 PM	1			0.87584	18:55:59	875.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

20/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURJPY	9:30:00 AM	1			132.628	09:42:13	132628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURJPY	11:30:00 AM	1			132.449	11:38:45	2648.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURJPY	1:30:00 PM	1			132.445	13:37:08	1324.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURJPY	3:30:00 PM	1			132.252	15:54:05	1322520	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURNZD	3:30:00 PM	1			1.70165	16:10:13	17.0165	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURUSD	9:30:00 AM	1			1.2354	09:54:38	24.708	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURUSD	11:30:00 AM	1	1.23044	73.8264				Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURUSD	1:30:00 PM	1			1.23013	13:58:10	12.3013	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURUSD	3:30:00 PM	1			1.22729	15:48:45	368187	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





20/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPUSD	9:30:00 AM	1	1.40453	70.2265				Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPUSD	11:30:00 AM	1			132.725	12:00:21	2654.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPUSD	1:30:00 PM	1	1.40627	2812.54				Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPUSD	3:30:00 PM	1			1.40269	15:41:06	56.1076	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GOLD	11:30:00 AM	1			1340.13	12:04:48	13401.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GOLD	1:30:00 PM	1			1342.88	14:37:10	26857600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	GOLD	3:30:00 PM	1			1338.31	17:13:20	13383.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

20/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDJPY	9:30:00 AM	1			77.725	09:45:07	6218	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDJPY	1:30:00 PM	1			77.63	14:34:12	776.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDUSD	9:30:00 AM	1			0.72339	10:10:09	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDUSD	3:30:00 PM	1			132.965	15:39:43	2659.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	USDCAD	9:30:00 AM	1			1.26797	09:55:44	12.6797	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	USDCAD	11:30:00 AM	1			1.43319	13:11:21	14331.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	USDCAD	1:30:00 PM	1			1.23781	14:04:03	24.7562	Continuous Quote Driven	N/A	ELECTRONIC	N/A



20/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	XAUUSD	11:30:00 AM	1			1340.16	11:35:57	5360640	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	XAUUSD	3:30:00 PM	1			1335.82	21:10:10	13358.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









23/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCAD	3:30:00 PM	1			0.97744	16:55:34	9.7744	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCHF	1:30:00 PM	1			0.74463	14:56:03	7.4463	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDJPY	11:30:00 AM	1			1.36551	12:31:37	1365.51	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



23/04/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDUSD	9:30:00 AM	1			0.76577	09:43:52	3063.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDUSD	11:30:00 AM	1			132.724	12:00:19	2654.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDUSD	1:30:00 PM	1			0.76481	14:01:29	152.962	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDUSD	3:30:00 PM	1			0.86426	16:00:14	17.2852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



23/04/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURAUD	9:30:00 AM	1	1.60357	32.0714				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURAUD	11:30:00 AM	1			0.74572	12:31:50	7.4572	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURAUD	3:30:00 PM	1			1.60361	16:30:18	6414.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCAD	11:30:00 AM	1			1.83031	12:31:46	18.3031	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCHF	11:30:00 AM	1			1.19357	12:50:44	1193.57	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCHF	3:30:00 PM	1			1.19465	17:17:40	23.893	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



23/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURGBP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURGBP	11:30:00 AM	1			125.753	12:31:42	2515.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURGBP	3:30:00 PM	1			0.87556	18:34:50	8.7556	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURJPY	9:30:00 AM	1			132.3	10:04:52	396900	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURJPY	11:30:00 AM	1			1.2275	12:00:20	12.275	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURJPY	1:30:00 PM	1			132.436	15:00:18	79461600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURJPY	3:30:00 PM	1			1.27693	16:00:09	25.5386	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURNZD	9:30:00 AM	1	1.70778	17077.8				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURNZD	3:30:00 PM	1			1.70689	20:47:59	3413.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURUSD	9:30:00 AM	1			1.22735	09:32:48	1227.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURUSD	11:30:00 AM	1			1.22301	11:37:13	122301	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	EURUSD	1:30:00 PM	1			131.857	14:00:10	659285	Continuous Quote Driven	N/A	ELECTRONIC	N/A





23/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPUSD	9:30:00 AM	1			1.40061	09:32:44	2801.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPUSD	11:30:00 AM	1			1.39706	11:43:04	13.9706	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPUSD	1:30:00 PM	1			1.39566	13:55:03	13.9566	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPUSD	3:30:00 PM	1			1.39431	15:52:30	13.9431	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GOLD	9:30:00 AM	1			8.654	10:02:54	346160	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GOLD	11:30:00 AM	1			1329.21	12:43:33	6646050	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GOLD	1:30:00 PM	1			1325.17	14:56:34	26503.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	GOLD	3:30:00 PM	1			1323.92	16:08:47	26478.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

23/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDUSD	9:30:00 AM	1			0.71963	10:28:13	7196.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDUSD	11:30:00 AM	1			0.71711	11:59:31	21.5133	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDUSD	1:30:00 PM	1			0.71784	13:57:58	717.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDUSD	3:30:00 PM	1			0.71652	15:47:25	7.1652	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



23/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SILVER	9:30:00 AM	1			16.87	09:54:53	506.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCAD	9:30:00 AM	1			1.27737	09:32:07	2554.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCAD	11:30:00 AM	1			1.27978	12:00:23	5119.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCAD	1:30:00 PM	1			1.27746	13:59:41	3832.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCAD	3:30:00 PM	1	1.28173	1294.5473				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCHF	9:30:00 AM	1			0.97599	10:03:57	8783.91	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCHF	11:30:00 AM	1			0.9747	13:21:05	19.494	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCHF	1:30:00 PM	1			0.97626	13:35:52	15620.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCHF	3:30:00 PM	1			0.7555	16:09:23	377.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDJPY	9:30:00 AM	1			1.39988	09:35:20	13.9988	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDJPY	11:30:00 AM	1			108.209	11:44:43	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDJPY	1:30:00 PM	1			108.133	14:02:18	1081.33	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDJPY	3:30:00 PM	1			108.32	15:47:37	1083.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDMXN	3:30:00 PM	1			18.851	17:16:48	188.51	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



23/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDSEK	9:30:00 AM	1			8.4762	11:05:04	339048	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	XAUUSD	9:30:00 AM	1			1.40833	10:35:11	5633.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	XAUUSD	11:30:00 AM	1			1327.78	11:40:10	26555.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	XAUUSD	1:30:00 PM	1			1328.47	14:06:19	13284.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	XAUUSD	3:30:00 PM	1			1326.78	15:41:58	39803.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#BA	3:30:00 PM	1			333	18:15:21	3330	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





24/04/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#KO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#LLOY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#LLOY	1:30:00 PM	1			66.4	15:01:35	66.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





24/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDJPY	9:30:00 AM	1			82.745	10:20:08	827.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDJPY	3:30:00 PM	1			82.58	20:27:33	825.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDUSD	9:30:00 AM	1			0.75986	09:35:56	759.86	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDUSD	1:30:00 PM	1			0.76855	14:00:19	768.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDUSD	3:30:00 PM	1			1.22706	17:00:09	515.3652	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









24/04/2018	EURCAD	3:30:00 PM	1			1.56936	19:00:50	15.6936	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURCHF	9:30:00 AM	1			1.19333	10:19:44	357999	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURCHF	3:30:00 PM	1			1.1959	15:38:33	1195.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURGBP	9:30:00 AM	1			0.8753	10:03:59	875.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURGBP	11:30:00 AM	1			1324.09	12:21:26	26481.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURGBP	1:30:00 PM	1			132.33	15:21:43	5293.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURGBP	3:30:00 PM	1			0.87594	20:00:23	8.7594	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURJPY	9:30:00 AM	1			132.816	09:34:26	265632	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURJPY	11:30:00 AM	1			132.854	11:56:33	1328.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURJPY	1:30:00 PM	1			1.40484	14:00:21	28.0968	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURJPY	3:30:00 PM	1	133.2767143	17325.97286				Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURNZD	3:30:00 PM	1			1.71604	15:53:34	1716.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

24/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURUSD	9:30:00 AM	1			1.21964	09:37:03	12.1964	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURUSD	11:30:00 AM	1			1.22085	11:56:25	12.2085	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURUSD	1:30:00 PM	1			1.22157	13:47:57	12.2157	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURUSD	3:30:00 PM	1			1.28266	16:12:33	1282.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPAUD	3:30:00 PM	1			127.753	16:30:17	638765	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCAD	11:30:00 AM	1			1.79198	12:10:13	17.9198	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPJPY	11:30:00 AM	1			151.843	12:09:46	1518.43	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPJPY	1:30:00 PM	1			152.191	14:57:00	3043.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPJPY	3:30:00 PM	1			152.532	15:45:28	152532	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

24/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPUUSD	9:30:00 AM	1			1.39243	09:33:58	1392.43	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPUUSD	11:30:00 AM	1			1.39523	11:39:48	27.9046	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPUUSD	1:30:00 PM	1			1.39612	13:48:55	1396.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPUUSD	3:30:00 PM	1			1.39725	15:38:40	13.9725	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GOLD	9:30:00 AM	1			1325.58	09:56:26	9279060	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GOLD	11:30:00 AM	1			1327.66	12:09:07	13276.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GOLD	1:30:00 PM	1			1326.42	13:47:55	1326420	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	GOLD	3:30:00 PM	1			1328.42	15:58:32	1328420	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



24/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDJPY	1:30:00 PM	1			1.34852	14:00:24	13.4852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDJPY	3:30:00 PM	1			77.518	23:13:48	77518	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDUSD	9:30:00 AM	1			0.71102	09:59:41	7.1102	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDUSD	1:30:00 PM	1			126.868	15:06:35	2537.36	Continuous Quote Driven	N/A	ELECTRONIC	N/A



24/04/2018	NZDUSD	3:30:00 PM	1			1.25983	15:54:46	25.1966	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SILVER	9:30:00 AM	1			16.85	10:04:36	33700	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCAD	9:30:00 AM	1			1.28431	10:04:55	6421.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCAD	11:30:00 AM	1			1.28346	12:10:17	38503.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCAD	1:30:00 PM	1			1.23674	13:32:55	24.7348	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCAD	3:30:00 PM	1			1.28318	15:34:30	25.6636	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCHF	9:30:00 AM	1			0.97914	10:07:00	107.7054	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCHF	3:30:00 PM	1			0.97947	16:02:03	979.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDJPY	9:30:00 AM	1			1.42606	10:00:16	28.5212	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDJPY	1:30:00 PM	1			108.835	14:24:58	1088.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDJPY	3:30:00 PM	1			109.106	15:50:29	1091.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

24/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDSEK	11:30:00 AM	1			8.4982	12:51:18	8498.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDSEK	1:30:00 PM	1			8.5164	15:05:32	85.164	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	XAUUSD	3:30:00 PM	1			1332.49	18:32:27	6662450	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	ZARJPY	1:30:00 PM	1			8.8	15:03:43	88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







25/04/2018	#INTC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#JNJ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#JNJ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#JNJ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#JNJ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#JPM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#JPM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#JPM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#JPM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#KO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#KO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#LLOY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#LLOY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MCD	3:30:00 PM	1			156.26	16:30:07	3125.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/04/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCHF	9:30:00 AM	1			0.74294	10:27:42	74.294	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/04/2018	AUDCHF	3:30:00 PM	1			0.74358	17:17:19	7.4358	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDJPY	11:30:00 AM	1			82.63	12:55:14	6610.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDUSD	9:30:00 AM	1			1.43529	10:30:04	4305.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDUSD	11:30:00 AM	1			0.75764	13:11:34	7.5764	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDUSD	1:30:00 PM	1			0.75628	14:44:06	7.5628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDUSD	3:30:00 PM	1			0.87043	16:00:23	17.4086	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







25/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURAUD	11:30:00 AM	1			1.60939	11:55:21	1609.39	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURAUD	3:30:00 PM	1			1.6092	16:53:21	1609.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCAD	11:30:00 AM	1			1.57143	12:51:25	471.429	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCAD	3:30:00 PM	1			1.56226	21:34:55	31.2452	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURGBP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURGBP	11:30:00 AM	1			0.87381	13:21:52	8.7381	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURGBP	3:30:00 PM	1			0.87043	16:00:23	17.4086	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURJPY	9:30:00 AM	1			0.87546	11:00:06	875.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURJPY	11:30:00 AM	1			132.378	12:02:30	2647.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURJPY	1:30:00 PM	1			133.021	14:13:38	13302.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURJPY	3:30:00 PM	1			133.109	15:34:32	1331.09	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURUSD	9:30:00 AM	1	1.21931	36.5793				Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURUSD	11:30:00 AM	1			1.22076	11:36:25	24.4152	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURUSD	1:30:00 PM	1			1.17804	13:49:22	1178.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURUSD	3:30:00 PM	1			1.21949	15:41:25	12.1949	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCAD	11:30:00 AM	1			1312.89	12:05:19	13128.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCAD	1:30:00 PM	1			1.79605	15:07:17	8980.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCAD	3:30:00 PM	1			1.90695	17:03:04	57.2085	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



25/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPJPY	9:30:00 AM	1			0.88944	09:59:01	26683.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPJPY	11:30:00 AM	1			152.409	12:09:33	1524.09	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPJPY	1:30:00 PM	1			1.20097	14:19:58	240.194	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPJPY	3:30:00 PM	1			152.17	16:14:19	456510	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPUSD	9:30:00 AM	1			1.39457	09:56:22	55.7828	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPUSD	11:30:00 AM	1			1.39617	11:50:34	1396.17	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPUSD	1:30:00 PM	1			0.87267	13:38:49	17.4534	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPUSD	3:30:00 PM	1			85.932	15:48:54	859.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GOLD	11:30:00 AM	1			106.084	12:13:18	1060.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GOLD	1:30:00 PM	1			1322.38	13:39:24	1322380	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	GOLD	3:30:00 PM	1			0.87222	15:51:19	17.4444	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



25/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCAD	3:30:00 PM	1			0.90822	18:07:43	908.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCHF	9:30:00 AM	1			0.69492	10:26:55	2084.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCHF	3:30:00 PM	1			0.69476	17:16:59	2084.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDJPY	11:30:00 AM	1			77.328	11:36:54	2319.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDUSD	9:30:00 AM	1			0.7073	09:59:30	7.073	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDUSD	11:30:00 AM	1			0.70848	13:12:08	7.0848	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDUSD	3:30:00 PM	1			0.70723	16:01:39	7.0723	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCAD	9:30:00 AM	1	1.28575	38.5725				Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCAD	11:30:00 AM	1			1.28775	13:13:13	25.755	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCAD	1:30:00 PM	1			1.28876	13:41:10	12887.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCAD	3:30:00 PM	1			1.28726	15:50:13	12.8726	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCHF	11:30:00 AM	1			0.69828	13:11:11	698.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCHF	1:30:00 PM	1			127.897	15:00:29	2557.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCHF	3:30:00 PM	1			0.72199	17:00:11	7.2199	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDJPY	9:30:00 AM	1			132.081	09:56:49	264162	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDJPY	11:30:00 AM	1			109.1	12:40:07	109100	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDJPY	1:30:00 PM	1			109.189	14:58:40	1091.89	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDJPY	3:30:00 PM	1			109.266	15:34:18	1092.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDSEK	9:30:00 AM	1			16.49	10:30:46	494.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDSEK	1:30:00 PM	1			8.5572	14:48:01	8557.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	XAUUSD	1:30:00 PM	1			1322.38	13:39:24	1322380	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









26/04/2018	#HSBA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#HSBA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#HSBA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#IBM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#IBM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#IBM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#IBM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#INTC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#INTC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#INTC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#INTC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#JNJ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#JNJ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#JNJ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#JNJ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#JPM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#JPM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#JPM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#JPM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#KO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#KO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#LLOY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#LLOY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MCD	3:30:00 PM	1			159.08	19:22:30	3181.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCHF	9:30:00 AM	1			0.74444	11:01:55	7.4444	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCHF	11:30:00 AM	1			0.746	12:55:20	74.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCHF	3:30:00 PM	1			0.74751	20:41:06	747.51	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDUSD	9:30:00 AM	1			0.7556	09:53:32	1511.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDUSD	11:30:00 AM	1			0.75802	12:53:28	3790.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDUSD	1:30:00 PM	1			109.245	14:35:01	1092.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDUSD	3:30:00 PM	1			0.75559	16:50:02	7555.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADJPY	3:30:00 PM	1			84.953	20:42:48	84953	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURAUD	9:30:00 AM	1			1.42728	09:41:25	28.5456	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURAUD	3:30:00 PM	1			1.60218	16:16:39	8010.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCAD	3:30:00 PM	1			0.87078	16:31:06	8.7078	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURGBP	9:30:00 AM	1			0.87411	09:55:14	874.11	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURGBP	11:30:00 AM	1			0.87388	11:58:59	873.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURGBP	1:30:00 PM	1			0.87215	13:47:18	8.7215	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURGBP	3:30:00 PM	1			0.87114	15:56:04	871.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURJPY	9:30:00 AM	1			0.87337	09:33:11	17.4674	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURJPY	11:30:00 AM	1	133.105	266210				Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURJPY	1:30:00 PM	1			1.59854	13:36:09	31.9708	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURJPY	3:30:00 PM	1			133.013	15:47:09	1330.13	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURNZD	3:30:00 PM	1			1.71299	20:04:30	3425.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURUSD	9:30:00 AM	1			132.527	09:47:24	132527	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURUSD	11:30:00 AM	1			1.21768	11:34:06	2435.36	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURUSD	1:30:00 PM	1	1.21803	121803				Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURUSD	3:30:00 PM	1			1.21879	15:41:16	1218.79	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPJPY	9:30:00 AM	1			1.60428	10:11:22	1604.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPJPY	11:30:00 AM	1			152.496	12:51:10	304992	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPJPY	1:30:00 PM	1			152.728	14:35:36	152728	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPJPY	3:30:00 PM	1			0.9991	18:17:27	19.982	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPUSD	9:30:00 AM	1	1.3933	41.799				Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPUSD	11:30:00 AM	1			1.3928	11:35:50	2785.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPUSD	1:30:00 PM	1			1.40379	13:40:57	28.0758	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPUSD	3:30:00 PM	1			1.39713	16:08:46	13.9713	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	GOLD	9:30:00 AM	1			1324.54	09:48:50	6622700	Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDUSD	9:30:00 AM	1			0.70591	11:02:13	1411.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDUSD	1:30:00 PM	1			0.7083	13:44:32	7.083	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDUSD	3:30:00 PM	1			0.70876	15:41:52	708.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCAD	9:30:00 AM	1			1.28533	09:50:11	1285.33	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCAD	1:30:00 PM	1			1.28212	14:55:52	1282.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCAD	3:30:00 PM	1			1.28545	15:56:24	1285.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCHF	9:30:00 AM	1			0.9846	09:50:52	984.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCHF	1:30:00 PM	1			0.98375	15:11:16	983.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCHF	3:30:00 PM	1			0.98439	16:03:07	984.39	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDJPY	11:30:00 AM	1			109.182	12:55:15	327546	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDJPY	1:30:00 PM	1			109.138	13:43:08	1091.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDJPY	3:30:00 PM	1			109.352	17:19:18	1093.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDSEK	9:30:00 AM	1			8.58	09:38:33	8580	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDSEK	1:30:00 PM	1			8.5792	13:39:03	85.792	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDSEK	3:30:00 PM	1			8.6059	16:28:36	17211.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	XAUUSD	11:30:00 AM	1			1325.14	12:58:08	13251.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	XAUUSD	3:30:00 PM	1			1318	16:16:04	13180000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





27/04/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







27/04/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCHF	9:30:00 AM	1			0.74798	11:24:26	747.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDJPY	9:30:00 AM	1			82.434	09:52:37	164868	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDJPY	3:30:00 PM	1			0.98405	17:16:58	9840.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

27/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDUSD	9:30:00 AM	1			1.22242	10:00:17	24.4484	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDUSD	1:30:00 PM	1			1.27961	15:00:19	25.5922	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDUSD	3:30:00 PM	1			0.75726	20:18:10	1514.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADJPY	9:30:00 AM	1			84.788	11:00:39	84788	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADJPY	11:30:00 AM	1			84.933	12:24:13	84933	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





27/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURAUD	9:30:00 AM	1			1.59856	11:15:46	3197.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURAUD	11:30:00 AM	1			1.59865	11:41:27	3197.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURAUD	1:30:00 PM	1			1.59602	14:11:25	15.9602	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCHF	11:30:00 AM	1			1.19639	11:45:11	1196.39	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURGBP	9:30:00 AM	1			0.86961	09:40:58	1739.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURGBP	11:30:00 AM	1			132.45	11:40:12	3973.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURGBP	1:30:00 PM	1			132.759	14:00:11	2655.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURGBP	3:30:00 PM	1			0.87133	18:00:22	17.4266	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



27/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURJPY	9:30:00 AM	1	132.0106667	266661.5467				Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURJPY	11:30:00 AM	1			0.75478	12:34:21	15095.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURJPY	1:30:00 PM	1			131.915	13:59:34	1319.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURJPY	3:30:00 PM	1			1.40671	15:42:11	28.1342	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURUSD	9:30:00 AM	1			1.20656	09:34:38	132.7216	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURUSD	11:30:00 AM	1	1.20776	12077.6				Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURUSD	1:30:00 PM	1			1.20667	13:59:28	12.0667	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURUSD	3:30:00 PM	1			1.20921	16:34:40	2418.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



27/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPUSD	9:30:00 AM	1	1.38885	27777				Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPUSD	11:30:00 AM	1	1.38081	27.6162				Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPUSD	1:30:00 PM	1			1.37753	13:32:50	13.7753	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPUSD	3:30:00 PM	1	1.37792	1377.92				Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GOLD	11:30:00 AM	1			1317.81	12:01:13	1317810	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	GOLD	3:30:00 PM	1			1323.03	20:00:01	13230.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



27/04/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDJPY	9:30:00 AM	1			77.109	11:25:15	77109	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDJPY	3:30:00 PM	1			77.394	21:32:53	77394	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDUSD	9:30:00 AM	1			0.70519	10:07:06	2820.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDUSD	3:30:00 PM	1			128.447	22:18:20	128447	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCAD	9:30:00 AM	1			0.73938	10:04:30	221814	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCAD	1:30:00 PM	1			1.28599	15:12:51	1285.99	Continuous Quote Driven	N/A	ELECTRONIC	N/A



27/04/2018	USDCAD	3:30:00 PM	1			1.28523	16:45:39	3855.69	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCHF	9:30:00 AM	1			0.9905	09:49:30	990.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCHF	11:30:00 AM	1			1.22741	12:00:15	24.5482	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCHF	1:30:00 PM	1			0.99027	15:18:00	990.27	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCHF	3:30:00 PM	1			0.98777	16:38:47	987.77	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDJPY	9:30:00 AM	1	109.422	328266				Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDJPY	11:30:00 AM	1			109.251	11:38:08	1092.51	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDJPY	1:30:00 PM	1			1.37495	14:07:52	13.7495	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDJPY	3:30:00 PM	1			1.01432	15:35:03	20286.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDMXN	1:30:00 PM	1			18.762	13:50:07	75048	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDMXN	3:30:00 PM	1			18.685	15:35:32	18685	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDSEK	11:30:00 AM	1			1327.78	11:40:10	26555.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDSEK	3:30:00 PM	1			8.6929	19:38:49	86.929	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

27/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	XAUUSD	3:30:00 PM	1			1.05223	16:35:10	21.0446	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







30/04/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#TWTR	3:30:00 PM	1			30.36	20:47:50	303600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



30/04/2018	AUDJPY	3:30:00 PM	1			82.568	16:42:15	82568	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDUSD	9:30:00 AM	1			0.75521	10:11:54	7.5521	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDUSD	11:30:00 AM	1			0.75551	11:49:00	7.5551	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDUSD	1:30:00 PM	1			0.75414	13:48:04	7.5414	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDUSD	3:30:00 PM	1			0.75387	15:49:18	7.5387	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





30/04/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURAUD	11:30:00 AM	1			1.60231	12:35:27	16.0231	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURAUD	3:30:00 PM	1			1.6	18:12:28	8000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCAD	1:30:00 PM	1			1.55501	13:44:25	15.5501	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCAD	3:30:00 PM	1			1.54943	15:50:15	464.829	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCHF	3:30:00 PM	1			1.19787	00:20:14	11.9787	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

30/04/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURGBP	9:30:00 AM	1			0.88121	11:00:15	8.8121	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURGBP	11:30:00 AM	1	0.88109	881.09				Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURGBP	1:30:00 PM	1			0.8794	14:40:15	17588	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURGBP	3:30:00 PM	1			0.8771	16:29:43	8.771	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURJPY	9:30:00 AM	1			1.28635	10:00:11	64.3175	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURJPY	11:30:00 AM	1			132.228	12:27:44	1322.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURJPY	1:30:00 PM	1			132.062	14:01:30	132062	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURJPY	3:30:00 PM	1			132.913	15:43:59	2658.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURUSD	9:30:00 AM	1			1.21158	09:56:52	12.1158	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURUSD	11:30:00 AM	1			1.20915	12:42:30	12.0915	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURUSD	1:30:00 PM	1			1.20724	13:42:55	1207.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A

30/04/2018	EURUSD	3:30:00 PM	1	1.20686	120686				Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPAUD	3:30:00 PM	1			1.82767	21:22:20	36553.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCAD	3:30:00 PM	1			1.7643	15:52:03	1764.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPJPY	11:30:00 AM	1			150.09	13:19:24	1500.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPJPY	3:30:00 PM	1			150.494	16:26:30	150494	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

30/04/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPUSD	9:30:00 AM	1			1.37537	09:33:32	13.7537	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPUSD	11:30:00 AM	1			1.37324	11:33:04	4119.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPUSD	1:30:00 PM	1			1.37327	14:13:30	13.7327	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPUSD	3:30:00 PM	1			1.37521	16:05:27	1375.21	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GOLD	9:30:00 AM	1			149.511	10:50:19	1495.11	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GOLD	11:30:00 AM	1			1317.18	12:13:26	26343600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GOLD	1:30:00 PM	1			1312.98	13:49:48	13129.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	GOLD	3:30:00 PM	1			133.394	15:56:34	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





30/04/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCAD	11:30:00 AM	1			1.28534	11:49:12	12.8534	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCAD	3:30:00 PM	1			1.28415	15:46:53	1284.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCHF	11:30:00 AM	1			0.99048	13:15:11	990.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDJPY	9:30:00 AM	1			109.263	10:12:39	218526	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDJPY	1:30:00 PM	1			109.343	13:34:44	109343	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDJPY	3:30:00 PM	1			109.265	18:08:24	109265	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDMXN	11:30:00 AM	1			18.726	13:21:13	187.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

30/04/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDSEK	1:30:00 PM	1			8.7005	15:14:13	87.005	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDSEK	3:30:00 PM	1			1.22816	20:00:31	24.5632	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	XAUUSD	9:30:00 AM	1			1317.09	11:10:23	13170.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	XAUUSD	11:30:00 AM	1			127.181	11:59:53	2670801	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	XAUUSD	1:30:00 PM	1			1.83122	15:20:10	36.6244	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	XAUUSD	3:30:00 PM	1			1310.09	15:56:40	1310090	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/04/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#BA	3:30:00 PM	1			1.20921	16:34:40	2418.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



















01/05/2018	EURCAD	3:30:00 PM	1			1.55015	16:10:56	1550.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURCHF	11:30:00 AM	1			1.35211	11:42:51	13.5211	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURCHF	3:30:00 PM	1			1.34233	21:51:03	13.4233	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURGBP	9:30:00 AM	1			145.182	10:13:01	1451.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURGBP	11:30:00 AM	1			0.8789	11:33:35	4394.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURGBP	1:30:00 PM	1			0.6808	14:29:31	2042.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURGBP	3:30:00 PM	1			1.2384	16:00:38	2476.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURJPY	9:30:00 AM	1			131.901	10:13:02	131901	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURJPY	1:30:00 PM	1			1.36751	13:32:32	1367.51	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURJPY	3:30:00 PM	1			1.41444	16:00:19	28.2888	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

01/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURUSD	9:30:00 AM	1			1.20602	09:49:38	1206.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURUSD	11:30:00 AM	1			132.728	12:00:14	2654.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURUSD	1:30:00 PM	1			1.20224	13:57:03	1202.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURUSD	3:30:00 PM	1	1.20149	1201.49				Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCAD	9:30:00 AM	1			1.75999	10:36:09	1759.99	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCAD	1:30:00 PM	1			107.3	14:30:01	2146	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPJPY	9:30:00 AM	1			150.158	10:33:41	300316	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPJPY	1:30:00 PM	1			0.91372	15:24:34	4568.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPJPY	3:30:00 PM	1			1.19709	15:48:25	1197.09	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



01/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPUSD	9:30:00 AM	1			1.37496	09:51:47	13749.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPUSD	11:30:00 AM	1	1.368923333	1396.3018				Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPUSD	1:30:00 PM	1			1.36751	13:32:32	1367.51	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPUSD	3:30:00 PM	1			1.36325	15:32:26	1363.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GOLD	9:30:00 AM	1			1309.34	10:04:13	1309340	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GOLD	11:30:00 AM	1			1308.86	12:09:05	2617720	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GOLD	1:30:00 PM	1			1307.91	13:45:51	1307910	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	GOLD	3:30:00 PM	1			1306.45	15:48:09	26129	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



01/05/2018	NZDUSD	3:30:00 PM	1			0.70119	18:51:37	7.0119	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	SILVER	3:30:00 PM	1			15.88	16:45:07	317.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCAD	9:30:00 AM	1			1.40811	10:15:21	14.0811	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCAD	11:30:00 AM	1			1.28577	11:45:53	25715.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCAD	1:30:00 PM	1			1.28672	13:32:33	1286.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCAD	3:30:00 PM	1			1.29066	16:11:10	6453.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCHF	9:30:00 AM	1			0.87491	10:15:39	8.7491	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCHF	3:30:00 PM	1			0.99646	16:27:55	1992.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDJPY	9:30:00 AM	1			1.26191	10:00:20	2523.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDJPY	11:30:00 AM	1			1.27978	12:00:23	5119.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDJPY	1:30:00 PM	1			109.674	14:06:31	548370	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDJPY	3:30:00 PM	1			109.663	15:47:55	1096.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDMXN	3:30:00 PM	1			0.87603	20:00:42	876.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

01/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDSEK	9:30:00 AM	1	8.8003	17600.6				Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDSEK	11:30:00 AM	1			149.102	13:29:52	7455100	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDSEK	3:30:00 PM	1			8.8603	16:11:04	886.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	XAUUSD	9:30:00 AM	1			1310.05	10:11:06	1310050	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	XAUUSD	1:30:00 PM	1			1307.21	14:25:14	1307210	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	XAUUSD	3:30:00 PM	1			1304.77	21:59:42	13047.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









02/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	AUDCAD	3:30:00 PM	1			0.96476	19:00:41	964.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









02/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURAUD	9:30:00 AM	1			1.59618	10:25:53	15.9618	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURAUD	11:30:00 AM	1			0.73778	12:38:50	737.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURAUD	1:30:00 PM	1			1.27961	15:00:19	25.5922	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURAUD	3:30:00 PM	1			1.59863	15:47:36	15.9863	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCAD	9:30:00 AM	1			1.54069	10:03:38	30813.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCAD	11:30:00 AM	1			1.53903	11:49:57	15390.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCHF	11:30:00 AM	1			1.19433	11:40:19	11943.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCHF	3:30:00 PM	1			1.19405	17:10:35	1194.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURGBP	9:30:00 AM	1			0.88207	09:38:15	8.8207	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURGBP	11:30:00 AM	1			0.87896	11:49:19	878.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURGBP	3:30:00 PM	1			1.23808	16:51:58	12.3808	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURJPY	9:30:00 AM	1			132.042	09:33:04	264084	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURJPY	11:30:00 AM	1			130.358	12:02:22	1303.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURJPY	1:30:00 PM	1			131.802	13:36:34	1318020	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURJPY	3:30:00 PM	1			131.797	15:33:12	131797	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURNZD	1:30:00 PM	1			1.71038	14:39:34	1710.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A



02/05/2018	EURNZD	3:30:00 PM	1			1.70816	15:53:15	1708.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURUSD	9:30:00 AM	1			1.28635	10:00:11	64.3175	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURUSD	11:30:00 AM	1			1.19997	12:04:42	11999.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURUSD	1:30:00 PM	1			1.20013	14:00:51	12.0013	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURUSD	3:30:00 PM	1			1.19892	15:44:44	11989.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

02/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPJPY	9:30:00 AM	1			1.17791	09:50:29	11.7791	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPJPY	11:30:00 AM	1			1.29299	11:49:09	12.9299	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPJPY	1:30:00 PM	1			149.746	13:37:43	1497.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPJPY	3:30:00 PM	1			150.3	17:55:33	3006	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPUSD	9:30:00 AM	1			1.36401	09:38:27	1364.01	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPUSD	11:30:00 AM	1			1.36475	11:33:56	1364.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPUSD	1:30:00 PM	1			1.40342	13:45:57	56136.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPUSD	3:30:00 PM	1			1.36326	15:41:15	13.6326	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GOLD	11:30:00 AM	1			1310.94	12:11:34	1310940	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	GOLD	3:30:00 PM	1			1306.07	15:40:02	1306070	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



02/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDUSD	9:30:00 AM	1			0.70301	09:39:26	7.0301	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDUSD	3:30:00 PM	1			0.70075	20:02:19	700.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCAD	11:30:00 AM	1			1.28333	12:40:21	12.8333	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCAD	1:30:00 PM	1			1.28378	13:35:12	12.8378	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCAD	3:30:00 PM	1			1.2874	15:48:12	1287.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCHF	1:30:00 PM	1			0.99536	15:00:34	995.36	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCHF	3:30:00 PM	1			1.29577	15:45:17	12.9577	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



02/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDJPY	3:30:00 PM	1			109.93	17:49:54	329790	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDMXN	9:30:00 AM	1			18.879	09:34:09	56637	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDMXN	3:30:00 PM	1	19.074	190740				Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDSEK	3:30:00 PM	1			1.32345	18:02:21	1058760	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	XAUUSD	11:30:00 AM	1			131.137	12:48:19	1311.37	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	XAUUSD	1:30:00 PM	1			1308.53	14:40:36	13085.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	XAUUSD	3:30:00 PM	1			1.60399	15:35:38	16.0399	Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
02/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





03/05/2018	#HSBA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#HSBA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#HSBA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#IBM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#IBM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#IBM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#IBM	3:30:00 PM	1			141.82	18:56:34	1418.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#INTC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#INTC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#INTC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#INTC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#JNJ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#JNJ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#JNJ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#JNJ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#JPM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#JPM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#JPM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#JPM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#KO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#KO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#LLOY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#LLOY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







03/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDUSD	9:30:00 AM	1			0.75297	10:36:40	7.5297	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDUSD	11:30:00 AM	1			0.75433	12:07:26	754.33	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDUSD	1:30:00 PM	1			1334.35	15:22:06	53374	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDUSD	3:30:00 PM	1			0.75343	20:54:32	7.5343	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





03/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURAUD	3:30:00 PM	1			1.28488	23:00:50	1284.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCHF	11:30:00 AM	1			1.19573	12:10:44	47.8292	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCHF	3:30:00 PM	1			1.1964	15:49:21	47.856	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURGBP	9:30:00 AM	1			0.88093	10:21:44	880.93	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURGBP	11:30:00 AM	1	0.88261	17.6522				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURGBP	3:30:00 PM	1			0.86507	20:00:15	17.3014	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURJPY	9:30:00 AM	1			1.40518	09:32:56	14.0518	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURJPY	11:30:00 AM	1			131.369	11:53:54	131369	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURJPY	1:30:00 PM	1	131.028	1310.28				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURJPY	3:30:00 PM	1			130.856	16:08:48	261712	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

03/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURNZD	11:30:00 AM	1			129.93	11:44:40	1299.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURUSD	9:30:00 AM	1			1.20004	09:43:27	1200.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURUSD	11:30:00 AM	1			1.19948	12:08:45	23.9896	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURUSD	1:30:00 PM	1			1.19909	14:02:33	515.6087	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURUSD	3:30:00 PM	1			1.19719	16:12:49	11971.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCAD	11:30:00 AM	1			1.74419	12:09:24	52325.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCAD	1:30:00 PM	1			107.3	14:30:01	2146	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCAD	3:30:00 PM	1			1.74683	16:23:40	1746.83	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

03/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPJPY	9:30:00 AM	1			0.95485	11:16:28	19.097	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPJPY	11:30:00 AM	1	148.8336667	4465.01				Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPJPY	1:30:00 PM	1			148.619	13:36:39	297238	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPJPY	3:30:00 PM	1			133.338	16:34:09	133338	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPUSD	9:30:00 AM	1			1.18297	09:43:07	47.3188	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPUSD	11:30:00 AM	1			130.719	12:00:11	261438	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPUSD	1:30:00 PM	1			1.41705	13:39:52	28.341	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPUSD	3:30:00 PM	1			1.35847	15:45:39	54.3388	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	GOLD	9:30:00 AM	1			1312.39	11:27:48	1312390	Continuous Quote Driven	N/A	ELECTRONIC	N/A







03/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDUSD	9:30:00 AM	1			0.70304	11:26:21	56.2432	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDUSD	11:30:00 AM	1			0.70407	12:04:59	28.1628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDUSD	3:30:00 PM	1			0.87467	16:38:11	874.67	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCAD	9:30:00 AM	1			1.28386	10:39:09	51.3544	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCAD	11:30:00 AM	1			132.725	12:00:21	2654.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCAD	1:30:00 PM	1			0.76887	14:55:40	1537.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCHF	9:30:00 AM	1			1.23823	11:04:21	1238.23	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCHF	11:30:00 AM	1			0.99613	11:41:10	9.9613	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

03/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDJPY	11:30:00 AM	1			1.59721	12:08:10	31.9442	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDJPY	1:30:00 PM	1			1.59827	13:48:36	31.9654	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDJPY	3:30:00 PM	1			132.404	16:35:33	397212	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDMXN	11:30:00 AM	1			18.96	11:46:28	18960	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDNOK	9:30:00 AM	1			8.0755	10:11:31	161.51	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDSEK	3:30:00 PM	1			8.9063	00:47:09	89.063	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	XAUUSD	1:30:00 PM	1			1316.15	13:48:30	1316150	Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
03/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



04/05/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



04/05/2018	#GSK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HPQ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HPQ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HPQ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HPQ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HSBA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HSBA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HSBA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#HSBA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#IBM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#IBM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#IBM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#IBM	3:30:00 PM	1			143.57	19:33:36	1435.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#INTC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#INTC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#INTC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#INTC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#JNJ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#JNJ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#JNJ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#JNJ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#JPM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#JPM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#JPM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#JPM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#KO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#KO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#LLOY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#LLOY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





04/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDUSD	9:30:00 AM	1			0.75195	10:39:52	7.5195	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDUSD	11:30:00 AM	1			82.275	12:22:54	822750	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDUSD	1:30:00 PM	1			1.28019	14:30:15	25.6038	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDUSD	3:30:00 PM	1			0.75369	18:20:15	7.5369	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





04/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURAUD	9:30:00 AM	1			1.59051	09:32:03	31.8102	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURAUD	1:30:00 PM	1			1.58891	14:40:35	15.8891	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURAUD	3:30:00 PM	1			1.58616	16:55:12	3172.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCAD	1:30:00 PM	1			1.53815	15:06:27	15381.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCHF	9:30:00 AM	1			0.76983	11:10:12	1539.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCHF	1:30:00 PM	1			1.22393	14:30:14	24.4786	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURGBP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURGBP	3:30:00 PM	1			110.427	16:33:10	13251.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURJPY	9:30:00 AM	1			1.60173	10:00:18	16.0173	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURJPY	11:30:00 AM	1			130.398	12:52:05	2607.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURJPY	1:30:00 PM	1			1.41708	13:38:34	28.3416	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURJPY	3:30:00 PM	1	129.948	1299.48				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURNZD	3:30:00 PM	1			1.70326	15:57:31	1703.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURUSD	9:30:00 AM	1			1.60175	10:00:21	16.0175	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURUSD	11:30:00 AM	1			1.19597	11:35:20	23.9194	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURUSD	1:30:00 PM	1			1.29969	14:30:03	12.9969	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURUSD	3:30:00 PM	1			1.21392	16:10:34	1213.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







04/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPUSD	9:30:00 AM	1	1.35617	6780.85				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPUSD	11:30:00 AM	1			132.724	12:00:18	2654.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPUSD	1:30:00 PM	1	1.35605	27.121				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPUSD	3:30:00 PM	1	1.350411667	8142.98235				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GOLD	9:30:00 AM	1			1308.61	10:59:48	2617220	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GOLD	11:30:00 AM	1			145.529	12:21:40	1455.29	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GOLD	1:30:00 PM	1			1314.57	14:36:10	1314570	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	GOLD	3:30:00 PM	1			1311.41	17:04:44	2622820	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDJPY	1:30:00 PM	1			76.315	14:43:35	1526.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDJPY	3:30:00 PM	1			0.69963	16:40:16	699.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCAD	9:30:00 AM	1			1.28683	10:35:56	90.0781	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCAD	1:30:00 PM	1			1.29969	14:30:03	12.9969	Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/05/2018	USDCAD	3:30:00 PM	1			1.28618	16:42:30	1286.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCHF	1:30:00 PM	1			1.001	14:40:03	10.01	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCHF	3:30:00 PM	1			1.22174	16:02:21	12.2174	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDJPY	9:30:00 AM	1			1.23566	09:40:51	61.783	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDJPY	11:30:00 AM	1			109.1	11:46:34	1091	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDJPY	1:30:00 PM	1			128.421	13:42:36	1284.21	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDJPY	3:30:00 PM	1			8.09	15:38:23	242.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDMXN	9:30:00 AM	1			1.32761	11:09:23	13276.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDMXN	11:30:00 AM	1			19.166	12:57:42	191.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDMXN	1:30:00 PM	1			19.171	14:29:48	191.71	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDMXN	3:30:00 PM	1			0.77804	15:37:27	15.5608	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDSEK	11:30:00 AM	1	8.8322	17664.4				Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



04/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	XAUUSD	9:30:00 AM	1			1309.57	10:30:25	26191400	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	XAUUSD	1:30:00 PM	1			84.907	13:41:00	849.07	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BA	3:30:00 PM	1			340.01	16:35:34	1700050	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







07/05/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#TWTR	3:30:00 PM	1			1.36343	20:20:18	1363.43	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





07/05/2018	AUDJPY	3:30:00 PM	1			1.22855	18:00:45	12.2855	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDNZD	3:30:00 PM	1			1.0718	18:30:45	1071.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDUSD	11:30:00 AM	1			0.75109	12:26:38	225.327	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDUSD	1:30:00 PM	1			0.7499	13:47:42	14.998	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDUSD	3:30:00 PM	1			1.19503	16:46:00	2390.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



07/05/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURAUD	3:30:00 PM	1			1.58374	16:59:25	3167.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCAD	9:30:00 AM	1			1.53506	11:25:33	1535.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCAD	11:30:00 AM	1			1.5345	13:10:56	1534.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCAD	3:30:00 PM	1			1.53353	16:01:18	15335.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCHF	9:30:00 AM	1			1.19633	10:35:54	11.9633	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCHF	3:30:00 PM	1			106.985	00:06:05	2139.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



07/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURGBP	9:30:00 AM	1			1.40647	10:00:10	1406.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURGBP	1:30:00 PM	1			0.88011	13:35:55	8.8011	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURGBP	3:30:00 PM	1			149.652	16:00:02	1496.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURJPY	9:30:00 AM	1			1.23213	10:00:19	12.3213	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURJPY	11:30:00 AM	1			152.219	12:26:13	4566570	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURJPY	1:30:00 PM	1			0.87808	13:35:45	8.7808	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURJPY	3:30:00 PM	1			130.151	17:54:56	7809.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURNZD	9:30:00 AM	1			1.70161	11:05:41	1701.61	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURNZD	3:30:00 PM	1			1.6976	16:58:36	1697.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURUSD	9:30:00 AM	1	1.19266	11926.6				Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURUSD	11:30:00 AM	1			1.19227	11:48:12	1192.27	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURUSD	1:30:00 PM	1			1.1909	13:33:36	35.727	Continuous Quote Driven	N/A	ELECTRONIC	N/A



07/05/2018	EURUSD	3:30:00 PM	1			1.23063	15:40:38	1230.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCAD	3:30:00 PM	1			1.7385	00:05:25	1738.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPJPY	11:30:00 AM	1			113.265	13:02:36	1132.65	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPJPY	1:30:00 PM	1			147.836	13:59:40	2956.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPJPY	3:30:00 PM	1			0.95495	16:09:00	9.5495	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPNZD	9:30:00 AM	1			1.93111	10:23:52	386.222	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

07/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPUSD	9:30:00 AM	1			1.35398	10:25:09	13.5398	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPUSD	11:30:00 AM	1			1.3531	11:36:22	2706.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPUSD	1:30:00 PM	1			1320.55	13:49:08	1320550	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPUSD	3:30:00 PM	1			1.27693	16:00:09	25.5386	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GOLD	9:30:00 AM	1			1312.2	09:51:37	6561000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GOLD	11:30:00 AM	1			127.187	12:07:21	2543.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	GOLD	3:30:00 PM	1			0.75255	17:05:09	7.5255	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





07/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCAD	9:30:00 AM	1			1.28687	11:09:53	12.8687	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCAD	1:30:00 PM	1			1.28806	13:45:45	3864.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCAD	3:30:00 PM	1			1361.72	18:10:13	27234.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCHF	11:30:00 AM	1			1.00428	12:11:21	1004.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCHF	1:30:00 PM	1			1.00496	13:41:17	301.488	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCHF	3:30:00 PM	1			1.00338	16:30:20	10.0338	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDJPY	9:30:00 AM	1			109.318	10:59:25	109318	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDJPY	1:30:00 PM	1			109.356	13:57:40	1093.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDJPY	3:30:00 PM	1			109.023	21:25:13	2180.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



07/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDSEK	11:30:00 AM	1			8.846	13:16:26	88.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDSEK	1:30:00 PM	1			8.8611	13:57:21	177222	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	XAUUSD	9:30:00 AM	1			1313.8	10:46:05	6569000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	XAUUSD	11:30:00 AM	1			1314.55	12:15:12	394365	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









08/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#TWTR	3:30:00 PM	1			31.65	20:19:55	2215.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCHF	1:30:00 PM	1			0.7465	14:55:34	746.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCHF	3:30:00 PM	1			0.74703	20:21:14	747.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

08/05/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDNZD	9:30:00 AM	1	1.06862	53431				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDUSD	9:30:00 AM	1			0.74864	10:18:31	52.4048	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDUSD	11:30:00 AM	1			1.40565	11:40:09	14.0565	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDUSD	3:30:00 PM	1			0.74373	15:44:03	118.9968	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



08/05/2018	CHFHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFJPY	3:30:00 PM	1			108.913	18:44:35	1089.13	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURAUD	11:30:00 AM	1			1.59173	11:40:11	31.8346	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCAD	9:30:00 AM	1			1.54396	10:30:38	30.8792	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCAD	1:30:00 PM	1			0.87442	15:00:10	26232.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A



08/05/2018	EURCAD	3:30:00 PM	1	1.53574	30.7148				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCHF	11:30:00 AM	1	1.19246	5962.3				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCHF	1:30:00 PM	1			1.18987	13:35:18	1189.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCHF	3:30:00 PM	1			1.19047	18:47:06	11.9047	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURGBP	9:30:00 AM	1			0.88071	09:45:27	26421.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURGBP	11:30:00 AM	1			1279.36	12:01:25	38380800	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURGBP	3:30:00 PM	1			0.87848	15:36:50	1756.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURJPY	9:30:00 AM	1	129.795	2595.9				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURJPY	11:30:00 AM	1			129.545	11:41:52	1295.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURJPY	1:30:00 PM	1	129.304	2586.08				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURJPY	3:30:00 PM	1			1.41444	16:00:19	28.2888	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURNZD	3:30:00 PM	1			1.70252	18:19:49	17.0252	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

08/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURUSD	9:30:00 AM	1			1.19145	09:43:14	357435	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURUSD	11:30:00 AM	1			1.92791	11:41:49	38.5582	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURUSD	1:30:00 PM	1			1.18698	13:56:50	11.8698	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURUSD	3:30:00 PM	1			1.185	15:38:27	355.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCHF	1:30:00 PM	1			10.7106	14:26:31	13388250	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPJPY	9:30:00 AM	1	147.633	1476.33				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPJPY	11:30:00 AM	1			147.165	11:50:45	2943.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPJPY	3:30:00 PM	1			1.179	17:30:09	11.79	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

08/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPUSD	9:30:00 AM	1	1.354087857	1597.823671				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPUSD	11:30:00 AM	1			1.3508	11:41:17	13.508	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPUSD	1:30:00 PM	1			1.34957	14:06:21	2699.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPUSD	3:30:00 PM	1			1.34981	15:32:28	107.9848	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GOLD	9:30:00 AM	1			1.32383	11:00:46	13.2383	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GOLD	11:30:00 AM	1			1309.99	12:07:17	13099.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	GOLD	3:30:00 PM	1			1.41953	15:40:58	28.3906	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





08/05/2018	NZDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCAD	9:30:00 AM	1	1.29319	1293.19				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCAD	11:30:00 AM	1			1.29757	11:47:32	12.9757	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCAD	3:30:00 PM	1			1.29493	18:13:44	25.8986	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCHF	9:30:00 AM	1			1.00194	09:48:27	2003.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCHF	3:30:00 PM	1			1.21949	15:41:25	12.1949	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDJPY	9:30:00 AM	1			108.932	09:54:52	108932	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDJPY	3:30:00 PM	1			109.275	15:44:25	1092.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDMXN	3:30:00 PM	1			0.99159	15:40:00	9.9159	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

08/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	XAUUSD	11:30:00 AM	1			1309.59	12:30:10	104767.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	XAUUSD	3:30:00 PM	1			1317.67	20:21:19	13176.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AA	3:30:00 PM	1			53.41	18:34:35	1068200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









09/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#TWTR	3:30:00 PM	1			156.26	16:30:07	3125.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

09/05/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDNZD	3:30:00 PM	1			1.0675	15:50:58	32025	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDUSD	9:30:00 AM	1	0.74142	14.8284				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDUSD	11:30:00 AM	1	0.74477	7.4477				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDUSD	1:30:00 PM	1			0.74584	13:33:52	14916.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDUSD	3:30:00 PM	1	0.745232	52.16624				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







09/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURAUD	11:30:00 AM	1			1.59322	13:11:46	1593.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURAUD	1:30:00 PM	1			1.5925	13:35:04	1592.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURAUD	3:30:00 PM	1			1.5913	16:01:28	7956.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCAD	1:30:00 PM	1			1.69529	14:30:24	3390.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCHF	9:30:00 AM	1	1.18834	2376.68				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCHF	3:30:00 PM	1			1.16525	15:40:52	11652.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURGBP	9:30:00 AM	1			132.628	09:42:13	132628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURGBP	11:30:00 AM	1			0.87566	11:32:12	875.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURGBP	1:30:00 PM	1			0.87387	13:37:09	4369.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURGBP	3:30:00 PM	1			0.87492	15:49:12	8.7492	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURJPY	9:30:00 AM	1			0.87553	10:52:23	1751.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURJPY	11:30:00 AM	1			130.035	12:18:21	1300.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURJPY	1:30:00 PM	1	130.3435	2606.87				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURJPY	3:30:00 PM	1			0.74874	15:46:34	7487.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

09/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURUSD	9:30:00 AM	1			0.75869	09:38:51	7.5869	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURUSD	11:30:00 AM	1			1.18554	11:37:09	2371.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURUSD	1:30:00 PM	1	1.18843	23.7686				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURUSD	3:30:00 PM	1			1.18811	15:36:11	11.8811	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPAUD	11:30:00 AM	1			1.81775	11:50:22	18.1775	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCAD	11:30:00 AM	1			1.74978	12:09:19	8748.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCAD	3:30:00 PM	1			1.74347	17:51:15	17.4347	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCHF	3:30:00 PM	1			1.36188	17:56:25	13.6188	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



09/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPJPY	9:30:00 AM	1			148.417	09:37:11	296834	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPJPY	11:30:00 AM	1			130.369	12:02:50	6518.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPJPY	1:30:00 PM	1	149.1	1491				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPJPY	3:30:00 PM	1			148.709	18:12:50	104096.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPUSD	9:30:00 AM	1			1.35191	09:32:06	6759.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPUSD	11:30:00 AM	1			1.35381	11:32:21	1353.81	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPUSD	1:30:00 PM	1	1.359413333	54.37653333				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPUSD	3:30:00 PM	1			1.35895	15:47:10	13.5895	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GOLD	11:30:00 AM	1			128.559	12:08:25	642795	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GOLD	1:30:00 PM	1			1313.31	14:20:30	1313310	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	GOLD	3:30:00 PM	1			1314.95	16:26:52	65747.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





09/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDUSD	9:30:00 AM	1			0.69591	10:03:35	695.91	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDUSD	11:30:00 AM	1	0.69746	13.9492				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDUSD	1:30:00 PM	1	0.69901	13.9802				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDUSD	3:30:00 PM	1			0.69821	15:34:03	6982.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	SILVER	3:30:00 PM	1			16.3	18:41:54	16300	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCAD	9:30:00 AM	1			1.29613	09:40:28	25.9226	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCAD	11:30:00 AM	1	1.293455	25.8691				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCAD	1:30:00 PM	1			1.78814	13:35:09	35.7628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCAD	3:30:00 PM	1			1.28803	15:43:11	12.8803	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCHF	9:30:00 AM	1			1.00343	09:59:27	20.0686	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCHF	11:30:00 AM	1			1.00224	11:49:16	10.0224	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCHF	1:30:00 PM	1	1.00071	20.0142				Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCHF	3:30:00 PM	1			1.00259	15:37:56	1002.59	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

09/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDJPY	9:30:00 AM	1			0.76769	10:00:12	7.6769	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDJPY	1:30:00 PM	1			109.721	14:05:56	109721	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDJPY	3:30:00 PM	1			1.3073	17:43:12	392190	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	XAUUSD	11:30:00 AM	1			1.41613	11:50:49	28.3226	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	XAUUSD	1:30:00 PM	1			0.7465	14:55:34	746.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	XAUUSD	3:30:00 PM	1			1.27729	16:15:11	25.5458	Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
09/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









10/05/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#TWTR	3:30:00 PM	1			33.15	19:23:10	331.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





10/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDUSD	9:30:00 AM	1			1.39106	10:00:15	2782.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDUSD	11:30:00 AM	1			0.74826	11:55:51	7482.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDUSD	1:30:00 PM	1			0.74895	14:28:15	14979	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDUSD	3:30:00 PM	1			0.75178	15:53:14	15035.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



10/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURAUD	3:30:00 PM	1			1.22196	17:45:11	24.4392	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCAD	9:30:00 AM	1	1.51636	30.3272				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCAD	11:30:00 AM	1			1.52013	12:11:18	15.2013	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCAD	1:30:00 PM	1			0.87314	14:39:09	17.4628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCHF	1:30:00 PM	1			1.19104	14:01:42	11.9104	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCHF	3:30:00 PM	1			1.19536	19:43:23	23907.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURGBP	9:30:00 AM	1			0.87598	09:50:33	4379.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURGBP	11:30:00 AM	1			0.74401	11:40:20	3720.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURGBP	1:30:00 PM	1	0.87991	35.1964				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURGBP	3:30:00 PM	1			1.22729	15:48:45	368187	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURJPY	9:30:00 AM	1			130.524	09:35:10	39157.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURJPY	11:30:00 AM	1			130.295	11:44:27	2605.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURJPY	1:30:00 PM	1			130.17	14:21:23	2603.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURJPY	3:30:00 PM	1	130.717	5228.68				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

10/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURUSD	9:30:00 AM	1			1.18524	10:15:41	118524	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURUSD	11:30:00 AM	1			1.41953	11:51:32	1419.53	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURUSD	1:30:00 PM	1			107.271	14:30:02	2145.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURUSD	3:30:00 PM	1	1.194067647	96409.02182				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCAD	9:30:00 AM	1			1.73568	11:09:48	17.3568	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCAD	11:30:00 AM	1			1.73795	12:21:42	17379.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCAD	1:30:00 PM	1			1.72884	14:42:24	5186.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCHF	1:30:00 PM	1			1.35514	14:42:29	13.5514	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



10/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPJPY	9:30:00 AM	1			148.676	10:19:56	297352	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPJPY	11:30:00 AM	1			149.047	11:40:40	1490.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPJPY	1:30:00 PM	1	148.1063333	4443.19				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPJPY	3:30:00 PM	1			0.87078	16:31:06	8.7078	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPNZD	1:30:00 PM	1			1.94592	14:43:50	19459.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPUSD	9:30:00 AM	1			1.22242	10:00:17	24.4484	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPUSD	11:30:00 AM	1			1.23684	11:37:25	24.7368	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPUSD	1:30:00 PM	1	1.350586667	1377.5984				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPUSD	3:30:00 PM	1			1.3534	15:40:50	6767	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

10/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GOLD	1:30:00 PM	1			107.271	14:30:02	2145.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	GOLD	3:30:00 PM	1			1320.64	15:43:26	6603200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCAD	11:30:00 AM	1			127.47	13:24:05	1274.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

10/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDUSD	9:30:00 AM	1			0.69323	11:14:54	6932.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDUSD	11:30:00 AM	1			0.69302	11:53:50	6930.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDUSD	1:30:00 PM	1			0.696	14:42:16	6960	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDUSD	3:30:00 PM	1	0.69681	9755.34				Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCAD	9:30:00 AM	1			0.76769	10:00:12	7.6769	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCAD	11:30:00 AM	1			132.724	12:00:19	2654.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCAD	1:30:00 PM	1			1.2787	13:59:57	1278.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCAD	3:30:00 PM	1			1.28046	16:52:37	12.8046	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCHF	1:30:00 PM	1			1.00044	14:30:49	80.0352	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCHF	3:30:00 PM	1			1.00215	15:57:55	2004.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

10/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDJPY	9:30:00 AM	1			0.87074	11:00:10	34.8296	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDJPY	11:30:00 AM	1			109.665	11:59:22	3289950	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDJPY	1:30:00 PM	1			130.347	13:32:18	3258675	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDJPY	3:30:00 PM	1			1.40768	16:00:22	14.0768	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	XAUUSD	1:30:00 PM	1			1317.88	13:45:14	13178.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
10/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





11/05/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









11/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDUSD	9:30:00 AM	1			1.60093	11:00:11	16.0093	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDUSD	11:30:00 AM	1			0.75535	11:33:02	7.5535	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDUSD	1:30:00 PM	1			0.75521	14:07:04	30.2084	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDUSD	3:30:00 PM	1			0.75346	00:14:09	75346	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADJPY	1:30:00 PM	1			85.562	14:38:10	171124	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADJPY	3:30:00 PM	1			133.287	15:32:09	1332.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



11/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURAUD	3:30:00 PM	1			1.40198	15:50:09	1401.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCAD	9:30:00 AM	1			0.72438	10:05:49	7.2438	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCAD	1:30:00 PM	1			107.271	14:30:02	2145.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCAD	3:30:00 PM	1			0.95495	16:09:00	9.5495	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCHF	3:30:00 PM	1			1.19566	19:11:17	11.9566	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURGBP	9:30:00 AM	1			0.88194	10:41:32	8.8194	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURGBP	11:30:00 AM	1			0.88001	12:47:51	4400.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURGBP	1:30:00 PM	1			0.87383	14:18:09	8.7383	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURGBP	3:30:00 PM	1			0.88194	15:58:11	35.2776	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



11/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURJPY	9:30:00 AM	1			130.301	10:11:01	2606.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURJPY	11:30:00 AM	1			130.464	11:59:55	2609.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURJPY	1:30:00 PM	1			130.587	14:54:51	2611.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURJPY	3:30:00 PM	1			0.87664	16:04:38	876.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURUSD	9:30:00 AM	1			0.9869	10:03:49	986.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURUSD	11:30:00 AM	1			1.19316	11:34:59	23.8632	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURUSD	1:30:00 PM	1			0.9975	14:47:19	29.925	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURUSD	3:30:00 PM	1	1.19571	1195.71				Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



11/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPUSD	9:30:00 AM	1			1.35193	09:47:15	27038.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPUSD	11:30:00 AM	1			1.35369	11:32:52	13.5369	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPUSD	1:30:00 PM	1	1.35684	2740.8168				Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPUSD	3:30:00 PM	1			1.23299	16:18:53	246.598	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GOLD	9:30:00 AM	1			1323.6	10:33:34	1323600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	GOLD	3:30:00 PM	1			1321.8	18:01:38	1321800	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDUSD	9:30:00 AM	1			0.69727	11:10:20	697.27	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDUSD	11:30:00 AM	1			0.69782	11:32:59	6978.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDUSD	1:30:00 PM	1			0.69752	14:32:25	6975.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDUSD	3:30:00 PM	1			0.6961	16:33:41	6961	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCAD	9:30:00 AM	1			1.27628	10:14:08	1276.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCAD	11:30:00 AM	1			1.27459	11:50:01	12.7459	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCAD	1:30:00 PM	1			1.27424	14:27:27	191136	Continuous Quote Driven	N/A	ELECTRONIC	N/A



11/05/2018	USDCAD	3:30:00 PM	1			1.27845	16:31:31	12.7845	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCHF	9:30:00 AM	1			1.00201	10:52:35	30060.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCHF	11:30:00 AM	1			1.00092	11:33:23	320.2944	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCHF	1:30:00 PM	1			0.99826	14:48:21	299478	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCHF	3:30:00 PM	1			0.99891	16:18:39	299673	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDJPY	9:30:00 AM	1			109.341	10:07:29	546705	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDJPY	11:30:00 AM	1			0.88889	11:35:13	17.7778	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDJPY	1:30:00 PM	1			109.266	14:33:25	546330	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDJPY	3:30:00 PM	1			109.268	18:11:02	109268	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDNOK	9:30:00 AM	1			1.92666	10:55:00	38.5332	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDNOK	3:30:00 PM	1			1.16983	16:43:59	292457.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDSEK	3:30:00 PM	1			8.593	18:17:06	257790	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	XAUUSD	11:30:00 AM	1			1324.1	11:32:45	13241000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	XAUUSD	3:30:00 PM	1			1322.64	16:25:20	13226.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







14/05/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#TWTR	3:30:00 PM	1			33.43	22:14:07	66860	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









14/05/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURAUD	9:30:00 AM	1			1.29403	10:58:12	12.9403	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURAUD	3:30:00 PM	1			1.58397	16:58:26	15.8397	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCHF	3:30:00 PM	1			1.19436	16:30:48	23.8872	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

14/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURGBP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURGBP	1:30:00 PM	1			0.88225	14:22:09	882.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURGBP	3:30:00 PM	1			0.88131	16:06:15	881.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURJPY	9:30:00 AM	1	131.10775	10488.62				Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURJPY	11:30:00 AM	1	131.307	1313.07				Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURJPY	1:30:00 PM	1			131.2	14:33:52	2624	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURJPY	3:30:00 PM	1	131.315	1313.15				Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURNZD	11:30:00 AM	1			1.37324	11:33:04	4119.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURNZD	3:30:00 PM	1			0.74695	16:22:08	7.4695	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURUSD	9:30:00 AM	1	1.19702	119702				Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURUSD	11:30:00 AM	1			1.40714	12:04:20	14.0714	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURUSD	1:30:00 PM	1			1.1989	14:01:05	83.923	Continuous Quote Driven	N/A	ELECTRONIC	N/A

14/05/2018	EURUSD	3:30:00 PM	1			1.19901	15:40:18	11990.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCAD	9:30:00 AM	1			1.73503	09:43:31	17350.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPJPY	9:30:00 AM	1	148.693	2973.86				Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPJPY	3:30:00 PM	1			148.649	20:07:24	445947	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

14/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPSEK	9:30:00 AM	1			11.6654	10:48:26	349962	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPUSD	9:30:00 AM	1			147.631	09:42:45	1476.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPUSD	11:30:00 AM	1			1.35854	11:34:09	6792.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPUSD	1:30:00 PM	1	1.35918	13591.8				Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPUSD	3:30:00 PM	1			1.36051	15:54:55	13605.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	GOLD	3:30:00 PM	1			1.20145	20:30:20	48.058	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





14/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCAD	11:30:00 AM	1			1.27656	12:57:38	2553.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCAD	1:30:00 PM	1			1.27594	13:43:32	12.7594	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCAD	3:30:00 PM	1			1.70248	16:00:11	51.0744	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCHF	9:30:00 AM	1			0.9992	11:27:38	1998.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCHF	11:30:00 AM	1			1.1868	12:45:11	1186.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCHF	1:30:00 PM	1			0.9975	14:47:19	29.925	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCHF	3:30:00 PM	1			1.35597	19:42:21	27.1194	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDJPY	1:30:00 PM	1			109.492	13:48:23	109492	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDJPY	3:30:00 PM	1			109.573	16:53:09	219146	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

14/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDSEK	9:30:00 AM	1			8.5866	10:58:17	257598	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDSEK	1:30:00 PM	1			132.039	15:01:13	2640.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDSEK	3:30:00 PM	1			8.6323	20:02:39	8632.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	XAUUSD	1:30:00 PM	1			1.22764	13:35:36	24.5528	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	XAUUSD	3:30:00 PM	1			1314.4	20:10:15	13144	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









15/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCAD	3:30:00 PM	1			0.96177	22:09:37	9.6177	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCHF	3:30:00 PM	1			0.7494	20:04:20	1498.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









15/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURCHF	11:30:00 AM	1			1.19228	12:16:45	1192.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURCHF	1:30:00 PM	1			1.189	14:55:32	23.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURCHF	3:30:00 PM	1			1.18766	15:39:48	1187.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURGBP	9:30:00 AM	1			1.2323	10:00:22	12.323	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURGBP	11:30:00 AM	1			0.87892	13:27:44	4394.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURGBP	1:30:00 PM	1	0.878695	35.1478				Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURGBP	3:30:00 PM	1			1.40768	16:00:22	14.0768	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURJPY	11:30:00 AM	1			131.031	12:10:29	2620.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURJPY	1:30:00 PM	1	130.627	1306.27				Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURJPY	3:30:00 PM	1			130.578	15:36:59	2611.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURMXN	3:30:00 PM	1			1.70568	17:00:15	17.0568	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURNZD	9:30:00 AM	1			1327.76	09:39:21	26555.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURNZD	3:30:00 PM	1			1.72603	16:57:10	17.2603	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



15/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURUSD	11:30:00 AM	1			1.39512	12:16:27	6975.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURUSD	1:30:00 PM	1			1.18761	13:45:12	11.8761	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURUSD	3:30:00 PM	1			1.18264	15:54:40	3547.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCHF	3:30:00 PM	1			1.35151	18:41:19	2703.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPJPY	9:30:00 AM	1			148.647	10:01:02	445941	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPJPY	11:30:00 AM	1			1.28389	12:16:07	12.8389	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPJPY	1:30:00 PM	1			1.42411	14:38:44	14.2411	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPJPY	3:30:00 PM	1	148.47	2969.4				Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



15/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPNZD	1:30:00 PM	1			1.96077	15:22:15	19.6077	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPNZD	3:30:00 PM	1			1.96156	15:54:39	19.6156	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPUSD	9:30:00 AM	1	1.35543	6777.15				Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPUSD	11:30:00 AM	1			132.74	12:01:43	2654.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPUSD	1:30:00 PM	1			1.35209	13:35:30	13520.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPUSD	3:30:00 PM	1			1.34605	15:45:44	403815	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GOLD	11:30:00 AM	1			1309.29	12:15:33	1309290	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GOLD	1:30:00 PM	1			130.649	14:31:12	2612.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	GOLD	3:30:00 PM	1			109.193	15:44:54	4367720	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



15/05/2018	NZDUSD	3:30:00 PM	1			0.68626	15:35:06	68.626	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SILVER	9:30:00 AM	1			16.62	10:16:02	16620	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCAD	9:30:00 AM	1			1.28177	11:10:38	128177	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCAD	11:30:00 AM	1			1.32594	13:28:03	225.4098	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCAD	1:30:00 PM	1			1.28486	13:43:42	12.8486	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCAD	3:30:00 PM	1	1.29117	25.8234				Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCHF	3:30:00 PM	1			130.759	16:58:29	1307.59	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDJPY	11:30:00 AM	1			109.944	12:15:55	109944	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDJPY	1:30:00 PM	1			110.052	13:43:29	1100.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDJPY	3:30:00 PM	1			1.06398	17:00:10	10.6398	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

15/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDSEK	3:30:00 PM	1			8.6724	19:08:57	8672.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	XAUUSD	11:30:00 AM	1			130.719	12:00:11	261438	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	XAUUSD	1:30:00 PM	1	1307.36	13073.6				Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	XAUUSD	3:30:00 PM	1			1.30651	15:34:02	209.0416	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	ZARJPY	1:30:00 PM	1			8.77	13:42:13	8770	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









16/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDCAD	11:30:00 AM	1			0.96184	11:49:44	961.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





16/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADCHF	3:30:00 PM	1			0.78345	22:05:59	783.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADJPY	1:30:00 PM	1			85.612	14:02:52	856.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADJPY	3:30:00 PM	1			85.882	15:33:38	858.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADMXN	3:30:00 PM	1			15.3086	22:28:19	153.086	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	CADZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





16/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURAUD	9:30:00 AM	1			1.57996	11:17:22	1579.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURAUD	11:30:00 AM	1			1.57811	11:36:01	3156.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURAUD	1:30:00 PM	1			1.57698	15:00:21	1576.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURAUD	3:30:00 PM	1			1.57031	16:45:36	31.4062	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCAD	9:30:00 AM	1			1.51933	11:18:39	15.1933	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCAD	11:30:00 AM	1			1.5169	12:09:42	15.169	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCAD	1:30:00 PM	1			126.497	15:03:39	2529.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCAD	3:30:00 PM	1			1.51193	16:22:24	15.1193	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCHF	11:30:00 AM	1			1.18038	12:35:54	23.6076	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCHF	1:30:00 PM	1			1.17755	13:40:14	2355.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURGBP	9:30:00 AM	1			1.40647	10:00:10	1406.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURGBP	11:30:00 AM	1			0.87489	12:35:09	8.7489	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURGBP	1:30:00 PM	1	0.87398	8.7398				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURGBP	3:30:00 PM	1			0.87424	16:01:35	26227.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURJPY	9:30:00 AM	1			130.15	10:57:07	1301.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURJPY	11:30:00 AM	1			1.18	11:45:30	1180	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURJPY	1:30:00 PM	1	129.767	1297.67				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURJPY	3:30:00 PM	1	130.021	1300.21				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURMXN	9:30:00 AM	1			23.4113	10:50:55	234.113	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURMXN	3:30:00 PM	1			23.2085	15:35:02	232.085	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



16/05/2018	EURNZD	3:30:00 PM	1			1.41955	15:41:01	28.391	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURUSD	9:30:00 AM	1	1.1844	23.688				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURUSD	11:30:00 AM	1			1.18007	11:45:28	2360.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURUSD	1:30:00 PM	1	1.17819	11.7819				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURUSD	3:30:00 PM	1			1.31974	16:06:14	52789.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPAUD	11:30:00 AM	1			1.80016	11:48:30	1800.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCAD	1:30:00 PM	1			1.73543	14:05:57	17.3543	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCAD	3:30:00 PM	1			8.8476	16:21:51	44238	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

16/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPJPY	9:30:00 AM	1	148.63	2972.6				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPJPY	11:30:00 AM	1			148.327	11:46:29	148327	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPJPY	1:30:00 PM	1			148.409	14:35:48	445227	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPJPY	3:30:00 PM	1	148.727	1487.27				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPNZD	1:30:00 PM	1			1.96039	13:57:51	39.2078	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPPLN	9:30:00 AM	1			4.8869	09:34:16	146607	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPPLN	11:30:00 AM	1			4.9136	13:28:24	147408	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPPLN	1:30:00 PM	1			109.75	15:26:49	109750	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPPLN	3:30:00 PM	1			4.8926	16:03:37	146778	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPUSD	9:30:00 AM	1	1.3498625	404985.7473				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPUSD	11:30:00 AM	1	1.34748875	107.7991				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPUSD	1:30:00 PM	1			1.34852	14:00:24	13.4852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPUSD	3:30:00 PM	1	1.35067	2701.34				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GOLD	11:30:00 AM	1			1290.37	12:06:01	1290370	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GOLD	1:30:00 PM	1			1288.33	13:36:55	1288330	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	GOLD	3:30:00 PM	1			1288.79	16:52:44	1288790	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

16/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCAD	1:30:00 PM	1			0.88541	14:03:23	8.8541	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCAD	3:30:00 PM	1			0.88458	16:22:11	8.8458	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCHF	11:30:00 AM	1			0.68954	12:24:15	689.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDJPY	3:30:00 PM	1			76.006	20:54:23	760.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



16/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDUSD	9:30:00 AM	1			0.68894	09:33:37	6889.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDUSD	1:30:00 PM	1			1.93879	13:36:02	19.3879	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDUSD	3:30:00 PM	1			0.69103	15:56:55	10987.377	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	SILVER	3:30:00 PM	1			16.49	18:01:46	16490	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCAD	9:30:00 AM	1			1.28434	09:33:26	12.8434	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCAD	11:30:00 AM	1			1.28503	12:20:28	2570.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCAD	1:30:00 PM	1			1.2238	14:24:25	24.476	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCAD	3:30:00 PM	1			1.28048	16:00:00	1280.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCHF	11:30:00 AM	1			1.00097	12:33:27	20.0194	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCHF	1:30:00 PM	1			1.00037	14:06:39	10.0037	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCHF	3:30:00 PM	1	0.9991	79.928				Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



16/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDJPY	9:30:00 AM	1			110.094	09:32:15	110094	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDJPY	11:30:00 AM	1			1346.65	12:45:22	26933	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDJPY	1:30:00 PM	1			110.094	15:04:18	110094	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDJPY	3:30:00 PM	1			1.42296	17:05:58	28.4592	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDMXN	3:30:00 PM	1			19.577	21:36:56	195.77	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	XAUUSD	1:30:00 PM	1			1.59532	13:40:11	15.9532	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	XAUUSD	3:30:00 PM	1			1292.91	20:05:10	12929.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
16/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A













17/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDUSD	11:30:00 AM	1			0.75271	11:42:17	75271	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDUSD	1:30:00 PM	1			0.75288	13:42:12	752.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDUSD	3:30:00 PM	1			1.41744	15:40:10	28.3488	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADCHF	3:30:00 PM	1			0.78217	16:03:30	782.17	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADJPY	9:30:00 AM	1			1.41056	09:47:19	28.2112	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADJPY	3:30:00 PM	1			0.95975	15:43:24	19.195	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADMXN	9:30:00 AM	1			15.2934	10:27:37	152.934	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADMXN	11:30:00 AM	1			15.3109	11:49:59	153.109	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADMXN	1:30:00 PM	1			15.3799	14:44:17	153.799	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADMXN	3:30:00 PM	1			15.3966	21:32:52	153.966	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





17/05/2018	CHFSGD	3:30:00 PM	1			1.3407	21:58:28	13.407	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CZKJPY	9:30:00 AM	1			5.12	10:38:41	5120	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURAUD	1:30:00 PM	1			133.197	15:23:24	1331.97	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURAUD	3:30:00 PM	1			1.23063	15:40:38	1230.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCAD	9:30:00 AM	1			1.35193	09:47:15	27038.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCAD	1:30:00 PM	1			1.50871	14:37:32	15.0871	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCAD	3:30:00 PM	1			1.5112	18:32:08	302.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCHF	3:30:00 PM	1			1.18153	23:12:49	508.0579	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURGBP	9:30:00 AM	1			0.87504	09:45:33	8.7504	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURGBP	11:30:00 AM	1			1.28279	12:00:10	12.8279	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURGBP	1:30:00 PM	1			0.87329	14:09:54	8.7329	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURGBP	3:30:00 PM	1			0.8733	16:41:04	8.733	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURJPY	9:30:00 AM	1			1.35363	09:37:22	13.5363	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURJPY	11:30:00 AM	1			130.627	11:58:12	2612.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURJPY	1:30:00 PM	1			130.698	14:26:07	2613.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURJPY	3:30:00 PM	1			1.22564	15:41:05	24.5128	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

17/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURMXN	3:30:00 PM	1			23.2295	21:16:42	232.295	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURUSD	9:30:00 AM	1			1.18039	09:35:55	11803.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURUSD	11:30:00 AM	1			1.18118	11:36:43	11811.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURUSD	1:30:00 PM	1			130.727	14:00:12	1307.27	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURUSD	3:30:00 PM	1			1.17884	15:40:25	5894.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCAD	9:30:00 AM	1			1.72787	10:28:39	17.2787	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCAD	3:30:00 PM	1			1.73037	18:01:05	17.3037	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

17/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPJPY	11:30:00 AM	1			149.277	12:06:14	149277	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPJPY	3:30:00 PM	1			149.23	00:47:14	1492.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPUSD	9:30:00 AM	1			1.94254	09:39:53	19.4254	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPUSD	11:30:00 AM	1			1.35224	11:41:13	13.5224	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPUSD	1:30:00 PM	1			1.34962	13:38:18	2699.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPUSD	3:30:00 PM	1			1.34909	15:49:35	1349.09	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GOLD	9:30:00 AM	1			1287.57	10:34:08	1287570	Continuous Quote Driven	N/A	ELECTRONIC	N/A



17/05/2018	GOLD	11:30:00 AM	1			1287.83	12:05:28	2575660	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GOLD	1:30:00 PM	1			1287.52	14:03:36	1287520	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	GOLD	3:30:00 PM	1			1290.83	18:06:21	2581660	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	MXNJPY	3:30:00 PM	1			1317.22	22:02:37	2634440	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCAD	11:30:00 AM	1			0.88035	12:52:36	35214	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCAD	3:30:00 PM	1			133.332	15:39:47	2133312	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDJPY	3:30:00 PM	1			76.185	16:39:55	457110	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



17/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDUSD	9:30:00 AM	1			1.21159	10:00:02	12.1159	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDUSD	3:30:00 PM	1			1.23063	15:40:38	1230.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	SILVER	3:30:00 PM	1			16.16	00:54:16	16160	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCAD	9:30:00 AM	1			1.2762	09:38:32	12.762	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCAD	11:30:00 AM	1			1.27549	11:35:15	6377.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCAD	1:30:00 PM	1			1.27806	13:43:14	1278.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCAD	3:30:00 PM	1			1.2807	15:32:20	1280.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCHF	1:30:00 PM	1			1.16887	14:54:47	5844.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

17/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDJPY	9:30:00 AM	1	110.582	1105.82				Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDJPY	11:30:00 AM	1			110.687	11:33:14	1106.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDJPY	1:30:00 PM	1			1.33311	13:44:45	6665.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDJPY	3:30:00 PM	1			1.80442	16:30:11	36.0884	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDMXN	11:30:00 AM	1			19.519	11:32:37	195.19	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDMXN	1:30:00 PM	1			19.664	14:44:27	196.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDMXN	3:30:00 PM	1			19.722	20:00:46	197.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDSEK	9:30:00 AM	1			8.7016	10:34:47	8701.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDSEK	11:30:00 AM	1			8.7139	12:52:40	8713.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDSEK	1:30:00 PM	1			8.7258	13:41:48	8725.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDSEK	3:30:00 PM	1			8.7339	18:06:51	8733.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	XAUUSD	1:30:00 PM	1			1290.28	15:05:11	12902.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	ZARJPY	9:30:00 AM	1			8.83	10:31:01	8830	Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
17/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



18/05/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





18/05/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#TWTR	3:30:00 PM	1			32.56	16:30:24	32560	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCAD	3:30:00 PM	1			0.74566	15:36:20	7.4566	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCHF	3:30:00 PM	1			0.74826	18:24:06	1496.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDUSD	9:30:00 AM	1			132.511	09:49:13	1325.11	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDUSD	11:30:00 AM	1			0.75087	11:55:12	22.5261	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDUSD	3:30:00 PM	1			0.87161	00:00:14	17.4322	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADCHF	9:30:00 AM	1			0.77986	10:33:05	7.7986	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADCHF	1:30:00 PM	1			0.78073	14:20:58	7.8073	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADCHF	3:30:00 PM	1			0.77596	17:04:31	7.7596	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADJPY	1:30:00 PM	1			107.337	14:48:44	2146.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADJPY	3:30:00 PM	1			86.125	15:38:19	861.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADMXN	11:30:00 AM	1			15.4119	11:52:44	154.119	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



18/05/2018	CADMXN	3:30:00 PM	1			15.4718	16:59:43	154.718	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CADZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFHKD	9:30:00 AM	1			131.989	10:57:49	2639.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFHKD	11:30:00 AM	1			7.8526	12:21:15	78.526	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFHKD	3:30:00 PM	1			7.8615	16:27:58	78.615	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CZKJPY	1:30:00 PM	1			5.1	15:08:55	5100	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	DKKJPY	9:30:00 AM	1			17.61	10:58:29	176.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURAUD	9:30:00 AM	1			1.57181	10:03:06	1571.81	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURAUD	11:30:00 AM	1			1.57032	12:04:29	1570.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURAUD	1:30:00 PM	1			0.86737	14:15:10	17.3474	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCAD	1:30:00 PM	1			1.50801	14:08:01	15.0801	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCAD	3:30:00 PM	1			1.23288	17:02:27	246.576	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCHF	1:30:00 PM	1			1.22269	14:47:10	24.4538	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCHF	3:30:00 PM	1			1.17663	15:40:48	2353.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURGBP	9:30:00 AM	1			0.87468	10:23:49	4373.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURGBP	11:30:00 AM	1			1.81587	12:05:00	1815.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURGBP	1:30:00 PM	1			0.87278	15:13:22	17.4556	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURGBP	3:30:00 PM	1			1.40768	16:00:22	14.0768	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURJPY	9:30:00 AM	1			109.406	10:05:34	109406	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURJPY	11:30:00 AM	1			130.843	11:39:56	2616.86	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURJPY	1:30:00 PM	1			130.664	14:21:32	2613.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURJPY	3:30:00 PM	1			130.458	15:32:39	2609.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURMXN	9:30:00 AM	1			1.40625	09:32:43	28.125	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURMXN	1:30:00 PM	1			23.3858	14:58:48	233.858	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURMXN	3:30:00 PM	1			1339.52	17:04:34	26790.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURUSD	9:30:00 AM	1			82.8	09:58:41	828	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURUSD	11:30:00 AM	1			1.17941	11:34:56	353823	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURUSD	1:30:00 PM	1			131.857	14:00:10	659285	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURUSD	3:30:00 PM	1			1.17601	15:41:43	1176.01	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/05/2018	GBPCAD	11:30:00 AM	1			1.72792	12:33:32	8639.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCAD	1:30:00 PM	1			1.72742	14:12:35	17.2742	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCAD	3:30:00 PM	1			132.928	15:37:44	265856	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPJPY	3:30:00 PM	1			149.197	16:33:30	5967880	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPNZD	9:30:00 AM	1			1.95413	10:33:52	19.5413	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPNZD	11:30:00 AM	1			1.95534	12:23:43	19.5534	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPNZD	3:30:00 PM	1			1338.97	17:04:24	26779.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



18/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPUSD	9:30:00 AM	1	1.35102	27.0204				Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPUSD	11:30:00 AM	1			1.34876	11:32:34	107.9008	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPUSD	1:30:00 PM	1	1.34862	2697.24				Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPUSD	3:30:00 PM	1			1.34652	15:52:25	13465.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GOLD	9:30:00 AM	1			1289.55	10:10:35	1289550	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GOLD	11:30:00 AM	1			1287.33	11:46:55	1287330	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	GOLD	3:30:00 PM	1			1.21133	16:40:20	12.1133	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	HUFJPY	9:30:00 AM	1			0.4134	10:43:15	12402	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCAD	11:30:00 AM	1			0.88541	13:17:36	8.8541	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCAD	3:30:00 PM	1			150.694	17:04:28	15069.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDHKD	3:30:00 PM	1			5.4294	19:17:11	54.294	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDUSD	9:30:00 AM	1			0.69013	10:34:20	6.9013	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDUSD	3:30:00 PM	1			0.69126	19:10:11	6.9126	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCAD	11:30:00 AM	1			1.28317	12:05:21	25.6634	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCAD	1:30:00 PM	1			1292.94	14:30:06	12929400	Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/05/2018	USDCAD	3:30:00 PM	1			0.95591	15:50:10	9.5591	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCHF	3:30:00 PM	1			0.99921	16:19:46	319.7472	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDJPY	9:30:00 AM	1			110.932	10:00:58	554660	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDJPY	11:30:00 AM	1			111.066	12:59:03	111066	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDJPY	1:30:00 PM	1			131.164	14:00:14	1311.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDJPY	3:30:00 PM	1			1.22682	15:52:09	24.5364	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDMXN	11:30:00 AM	1			19.745	11:35:19	197.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDMXN	1:30:00 PM	1			1.80665	13:40:00	144.532	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDMXN	3:30:00 PM	1			19.914	16:23:03	19914	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDSEK	9:30:00 AM	1			146.246	10:11:25	731230	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDSEK	11:30:00 AM	1			1.3581	11:46:51	2716.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









21/05/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#TWTR	3:30:00 PM	1			33.65	21:47:08	67300	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





21/05/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDUSD	1:30:00 PM	1			0.75408	14:50:12	15.0816	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDUSD	3:30:00 PM	1			0.75611	16:05:34	7.5611	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADCZK	1:30:00 PM	1			1.31943	15:17:07	26.3886	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADCZK	3:30:00 PM	1			16.994	16:44:56	169.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

21/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADHUF	3:30:00 PM	1			211.04	17:22:49	2110.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADMXN	11:30:00 AM	1			15.514	11:49:24	155.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADMXN	3:30:00 PM	1			131.67	15:46:59	263340	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADZAR	11:30:00 AM	1			9.9465	12:14:24	99.465	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CADZAR	3:30:00 PM	1			9.9595	16:34:37	99.595	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFCZK	1:30:00 PM	1			21.884	15:16:34	218.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

21/05/2018	CHFJPY	3:30:00 PM	1			111.274	20:58:51	222548	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFNOK	1:30:00 PM	1			8.1045	15:18:02	81.045	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFNOK	3:30:00 PM	1			8.0929	15:53:19	80.929	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURAUD	9:30:00 AM	1			1.56017	10:05:36	31.2034	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURAUD	11:30:00 AM	1			0.8889	11:34:08	8.889	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURAUD	3:30:00 PM	1			1.55581	16:33:26	3111.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCHF	11:30:00 AM	1			1.17529	12:46:52	47011.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCHF	1:30:00 PM	1			1.17556	15:21:46	3526.68	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCHF	3:30:00 PM	1			1.1736	17:10:45	1173.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



21/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURGBP	9:30:00 AM	1			0.87534	10:34:26	8.7534	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURGBP	11:30:00 AM	1			0.87682	12:40:43	1753.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURGBP	3:30:00 PM	1			1.40359	16:00:21	617.5796	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURJPY	9:30:00 AM	1			1.60196	10:04:10	64.0784	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURJPY	11:30:00 AM	1			130.694	12:01:44	2613.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURJPY	1:30:00 PM	1			130.846	14:34:58	2616.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURJPY	3:30:00 PM	1			1.68822	15:45:41	1688.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURMXN	11:30:00 AM	1			23.467	12:22:57	234.67	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURMXN	3:30:00 PM	1			23.4403	15:43:31	234.403	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURPLN	3:30:00 PM	1			4.2897	20:32:34	171588	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURUSD	9:30:00 AM	1			1.17257	09:51:30	1172.57	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURUSD	11:30:00 AM	1			1317.81	12:01:13	1317810	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURUSD	1:30:00 PM	1			1.176	13:58:55	11.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A



21/05/2018	EURUSD	3:30:00 PM	1			1.22991	16:19:08	24.5982	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPAUD	1:30:00 PM	1			1.77935	15:21:06	3558.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPAUD	3:30:00 PM	1			1.77471	16:32:56	3549.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCHF	9:30:00 AM	1			129.451	10:03:01	12950278	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCHF	11:30:00 AM	1			1.34078	12:14:48	53631.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPJPY	9:30:00 AM	1			149.18	10:50:12	149180	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPJPY	11:30:00 AM	1			149.259	12:51:06	298518	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

21/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPUSD	9:30:00 AM	1			1.34054	09:58:52	13405.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPUSD	11:30:00 AM	1			1.33929	11:37:34	13392.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPUSD	1:30:00 PM	1	1.34171	1341.71				Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPUSD	3:30:00 PM	1	1.34302	2686.04				Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GOLD	11:30:00 AM	1			1284.18	12:06:47	1284180	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GOLD	1:30:00 PM	1			1289.41	15:21:15	1289410	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	GOLD	3:30:00 PM	1			1288.93	17:10:59	1288930	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCAD	3:30:00 PM	1			0.88849	18:14:45	8.8849	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

21/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDHKD	9:30:00 AM	1			5.4134	10:34:27	54.134	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDHKD	1:30:00 PM	1			5.4294	14:46:36	54.294	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDNOK	9:30:00 AM	1			18.896	10:33:42	188960	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDUSD	1:30:00 PM	1			0.69092	13:45:15	6.9092	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

21/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCAD	9:30:00 AM	1			1.2863	10:17:36	25726	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCAD	1:30:00 PM	1			0.69831	15:15:57	698.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCAD	3:30:00 PM	1			1.28535	15:32:17	1285.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDHUF	9:30:00 AM	1			270.98	10:35:58	10839200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDJPY	11:30:00 AM	1	111.287	222574				Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDJPY	1:30:00 PM	1			111.235	15:22:02	1112.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDJPY	3:30:00 PM	1			1.22497	16:04:00	12.2497	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDMXN	11:30:00 AM	1			19.981	11:51:36	199.81	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDMXN	1:30:00 PM	1			19.954	13:45:24	199.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDMXN	3:30:00 PM	1			19.915	15:33:48	199.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDPLN	3:30:00 PM	1			3.6455	20:37:56	145820	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



21/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	XAUUSD	9:30:00 AM	1			1.28635	10:00:11	64.3175	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	XAUUSD	1:30:00 PM	1			0.75512	15:25:33	1510.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	XAUUSD	3:30:00 PM	1			1288.56	15:50:14	12885.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/05/2018	ZARJPY	3:30:00 PM	1			8.73	20:19:52	87.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









22/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCHF	1:30:00 PM	1			1.23801	14:58:31	24.7602	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCHF	3:30:00 PM	1			1332.8	16:45:08	26656	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

22/05/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDJPY	3:30:00 PM	1			83.974	23:15:16	167948	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDUSD	9:30:00 AM	1			0.75998	09:40:14	15.1996	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDUSD	11:30:00 AM	1			0.69748	12:40:46	697.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDUSD	1:30:00 PM	1			1.18718	14:17:09	11.8718	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDUSD	3:30:00 PM	1			0.75775	18:59:07	22.7325	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CADCHF	3:30:00 PM	1			0.77518	21:26:43	775.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CADCZK	9:30:00 AM	1	17.026	2043.12				Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CADCZK	11:30:00 AM	1			17.031	12:09:16	170.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



22/05/2018	CHFHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFJPY	3:30:00 PM	1			111.834	17:05:38	223668	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFNOK	3:30:00 PM	1			8.1045	16:41:41	81.045	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	DKKJPY	3:30:00 PM	1			1.23745	21:41:33	24.749	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURAUD	9:30:00 AM	1			1.55369	09:35:54	15.5369	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURAUD	11:30:00 AM	1			1.55566	12:00:58	15.5566	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURAUD	1:30:00 PM	1			1.55514	13:37:16	15.5514	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURAUD	3:30:00 PM	1			1.55444	18:45:24	15.5444	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



22/05/2018	EURCAD	3:30:00 PM	1			1.50405	16:14:06	15.0405	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCHF	9:30:00 AM	1			1.23637	10:50:26	24.7274	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCHF	1:30:00 PM	1			1.23162	15:22:52	12.3162	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCHF	3:30:00 PM	1			1.17082	16:17:12	1170.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURGBP	9:30:00 AM	1			1.29428	09:35:25	1294.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURGBP	11:30:00 AM	1			1.39566	12:35:18	13.9566	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURGBP	1:30:00 PM	1			0.87686	14:24:23	2630.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURGBP	3:30:00 PM	1			0.88304	20:00:26	35.3216	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURJPY	9:30:00 AM	1	131.064	5242.56				Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURJPY	11:30:00 AM	1			131.231	12:01:30	1312.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURJPY	1:30:00 PM	1			130.954	13:52:12	2619.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURJPY	3:30:00 PM	1			1.23061	15:52:51	24.6122	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

22/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURUSD	9:30:00 AM	1			1339.81	09:35:35	26796.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURUSD	11:30:00 AM	1			1.18215	12:09:57	23643	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURUSD	1:30:00 PM	1			1.18221	13:43:28	5911.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURUSD	3:30:00 PM	1			1.34909	15:49:35	1349.09	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCAD	9:30:00 AM	1			1.7188	10:56:17	68752	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCAD	3:30:00 PM	1			1.71883	18:58:39	68753.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCHF	9:30:00 AM	1			1.3427	10:42:37	53708	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCHF	3:30:00 PM	1			1.33516	19:11:00	53406.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPJPY	9:30:00 AM	1	149.479	1494.79				Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPJPY	3:30:00 PM	1			0.86477	16:46:05	17.2954	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

22/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPNZD	11:30:00 AM	1			1.93557	13:05:55	1935.57	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPNZD	3:30:00 PM	1			1.935	16:44:18	1935	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPUSD	9:30:00 AM	1	1.34453	1344.53				Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPUSD	11:30:00 AM	1			1.34753	12:04:37	202129.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPUSD	1:30:00 PM	1			1.34532	13:34:58	2690.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPUSD	3:30:00 PM	1			1.23232	15:32:03	24.6464	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GOLD	9:30:00 AM	1			1.593	10:01:29	15.93	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GOLD	1:30:00 PM	1			1295.01	14:33:15	2590020	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	GOLD	3:30:00 PM	1			1291.52	17:32:10	1291520	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



22/05/2018	NZDCAD	11:30:00 AM	1			0.88767	11:42:59	8.8767	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCAD	1:30:00 PM	1			0.88696	14:16:41	8.8696	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCAD	3:30:00 PM	1			0.88767	21:32:48	8.8767	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDNOK	3:30:00 PM	1			5.5711	19:06:04	55.711	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDUSD	9:30:00 AM	1			0.69587	10:43:34	695.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



22/05/2018	NZDUSD	3:30:00 PM	1			0.695	00:22:51	13900	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCAD	9:30:00 AM	1			1.27581	09:43:30	12.7581	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCAD	3:30:00 PM	1			1.27469	15:55:36	12.7469	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCHF	9:30:00 AM	1			1.24659	10:00:09	12.4659	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCHF	1:30:00 PM	1			0.99585	14:34:20	9.9585	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCHF	3:30:00 PM	1			0.99205	17:42:02	992.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDJPY	1:30:00 PM	1			1.16096	14:31:56	139.3152	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDJPY	3:30:00 PM	1			1.28268	19:36:12	25.6536	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

22/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDSEK	9:30:00 AM	1			8.654	10:02:54	346160	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	XAUUSD	9:30:00 AM	1			1.593	10:01:29	15.93	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	XAUUSD	11:30:00 AM	1			132.724	12:00:19	2654.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A











23/05/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDJPY	9:30:00 AM	1			146.468	10:13:25	732340	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDJPY	3:30:00 PM	1			83.963	00:28:59	83963	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDUSD	11:30:00 AM	1			0.75432	13:01:32	1508.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDUSD	1:30:00 PM	1			1.69776	13:50:49	16.9776	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDUSD	3:30:00 PM	1			1.41953	15:40:58	28.3906	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





23/05/2018	CADZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFCZK	11:30:00 AM	1			1.4058	12:37:07	281.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFCZK	3:30:00 PM	1			22.119	22:20:57	221.19	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFHKD	1:30:00 PM	1			1326.42	13:47:55	1326420	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFHUF	3:30:00 PM	1			273.19	22:21:18	2731.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFNOK	1:30:00 PM	1			8.1885	13:47:58	81.885	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFNOK	3:30:00 PM	1			8.1234	22:19:22	81.234	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFSGD	3:30:00 PM	1			1.3487	22:19:40	53948	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

23/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURAUD	9:30:00 AM	1			1.18039	09:35:55	11803.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURAUD	3:30:00 PM	1			1.54961	16:59:18	15.4961	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCHF	9:30:00 AM	1			0.75986	09:35:56	759.86	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCHF	1:30:00 PM	1			1.159	13:33:06	1159	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCHF	3:30:00 PM	1			1.16231	15:37:18	1162.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURGBP	9:30:00 AM	1			0.87606	09:32:51	2628.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURGBP	11:30:00 AM	1	0.877755	17.5551				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURGBP	1:30:00 PM	1			0.87795	15:27:14	877.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURGBP	3:30:00 PM	1			0.8771	15:57:42	877.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURJPY	9:30:00 AM	1	129.2353333	15508.24				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURJPY	11:30:00 AM	1	128.67	1286.7				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURJPY	1:30:00 PM	1	128.407	1284.07				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURJPY	3:30:00 PM	1	128.976	2579.52				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURMXN	3:30:00 PM	1			22.974	22:43:26	229.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

23/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURPLN	9:30:00 AM	1			4.3036	09:36:40	172144	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURPLN	3:30:00 PM	1			4.3045	16:28:19	129135	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURUSD	9:30:00 AM	1			1.17131	09:34:10	11.7131	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURUSD	11:30:00 AM	1			0.962	12:30:12	9.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURUSD	1:30:00 PM	1			0.8726	13:40:48	8.726	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURUSD	3:30:00 PM	1			1.17086	16:07:13	1170.86	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPAUD	9:30:00 AM	1			1.77726	10:19:13	1777.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCAD	9:30:00 AM	1			1.34216	10:00:27	4603.6088	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCAD	11:30:00 AM	1			1.72036	12:12:46	17.2036	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCAD	1:30:00 PM	1			1.7193	14:23:49	1719.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCAD	3:30:00 PM	1			133.322	16:35:08	133322	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



23/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPJPY	9:30:00 AM	1			1.35398	10:25:09	13.5398	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPJPY	11:30:00 AM	1			128.449	11:41:57	642245	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPJPY	1:30:00 PM	1			1.40074	14:00:48	28.0148	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPJPY	3:30:00 PM	1	146.931	2938.62				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPPLN	9:30:00 AM	1	4.91	196400				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPUSD	9:30:00 AM	1			1.42104	09:32:32	14.2104	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPUSD	11:30:00 AM	1			1.33586	11:38:48	6679.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPUSD	1:30:00 PM	1			109.678	13:39:33	3290340	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPUSD	3:30:00 PM	1	1.3342	401594.2				Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GOLD	11:30:00 AM	1			1297.73	11:51:55	51909200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	HUFJPY	11:30:00 AM	1			0.4037	12:30:46	8074	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



23/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	MXNJPY	9:30:00 AM	1			5.53	10:37:40	55.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	MXNJPY	3:30:00 PM	1			5.63	19:07:42	56.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCAD	9:30:00 AM	1			0.88801	10:41:27	8.8801	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCAD	3:30:00 PM	1			0.88876	22:24:11	1777.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDNOK	1:30:00 PM	1			0.69822	13:48:09	20946.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

23/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDUSD	11:30:00 AM	1			1.18777	13:00:46	2375.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDUSD	3:30:00 PM	1			0.68934	19:02:12	1378.68	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCAD	9:30:00 AM	1			1.28849	09:33:42	1288.49	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCAD	11:30:00 AM	1			1.28871	11:38:32	2577.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCAD	3:30:00 PM	1			1.28903	19:07:36	1289.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCHF	1:30:00 PM	1			1288.08	15:01:48	12880.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCHF	3:30:00 PM	1			0.99703	19:45:57	997.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDHUF	11:30:00 AM	1			271.65	12:31:22	5704650	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

23/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDJPY	9:30:00 AM	1			110.156	09:40:50	110156	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDJPY	11:30:00 AM	1			109.579	11:42:43	219158	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDJPY	1:30:00 PM	1			1.37753	13:32:50	13.7753	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDJPY	3:30:00 PM	1			109.944	16:57:11	109944	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDMXN	3:30:00 PM	1			19.783	16:15:40	197.83	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDPLN	9:30:00 AM	1			3.6683	10:36:48	146732	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDSEK	9:30:00 AM	1			8.7707	10:18:57	8770.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDSEK	11:30:00 AM	1			8.7591	11:36:31	8759.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDSEK	1:30:00 PM	1			8.7813	14:20:04	8781.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDSEK	3:30:00 PM	1			1.59658	17:19:09	31.9316	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	XAUUSD	11:30:00 AM	1			1297.73	11:51:55	51909200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	XAUUSD	1:30:00 PM	1			1288.08	15:01:48	12880.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	XAUUSD	3:30:00 PM	1			1289.61	16:02:04	25792.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	ZARJPY	11:30:00 AM	1			8.67	12:36:20	86.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
23/05/2018	ZARJPY	3:30:00 PM	1			8.73	16:51:16	87.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

















24/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDUSD	11:30:00 AM	1			0.75609	12:20:12	756.09	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDUSD	1:30:00 PM	1			1.41826	14:22:16	28.3652	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADCZK	3:30:00 PM	1			131.312	17:48:16	2626.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADJPY	1:30:00 PM	1			84.994	14:09:55	169988	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADPLN	1:30:00 PM	1			2.8462	14:43:39	28.462	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



24/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURAUD	9:30:00 AM	1			1.55141	10:16:54	15.5141	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURAUD	11:30:00 AM	1			1.55107	12:39:51	15.5107	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURAUD	3:30:00 PM	1			1.54705	21:35:19	30.941	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCHF	3:30:00 PM	1			1.16302	16:23:29	1163.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURGBP	9:30:00 AM	1			0.77549	10:00:14	15.5098	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURGBP	11:30:00 AM	1			0.8745	12:30:18	8.745	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURGBP	3:30:00 PM	1			1.3379	16:02:19	13379	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURJPY	9:30:00 AM	1			128.632	09:35:32	1286.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURJPY	3:30:00 PM	1			1.28307	15:54:01	12.8307	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



24/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURUSD	9:30:00 AM	1			1.17277	09:37:20	586.385	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURUSD	11:30:00 AM	1			1.173	11:40:13	1173	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURUSD	1:30:00 PM	1			1.17279	14:11:38	23455.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURUSD	3:30:00 PM	1			1.17451	16:12:45	11.7451	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCAD	9:30:00 AM	1			1.35339	10:24:55	406017	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCAD	1:30:00 PM	1			0.87308	14:43:05	8.7308	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



24/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPJPY	9:30:00 AM	1			0.87469	11:00:21	8.7469	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPJPY	3:30:00 PM	1			145.948	16:33:34	1459.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPUSD	9:30:00 AM	1			1.33758	09:40:09	13.3758	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPUSD	11:30:00 AM	1			8.7673	12:10:27	8767.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPUSD	1:30:00 PM	1			1.33822	15:26:58	13.3822	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPUSD	3:30:00 PM	1			1.33781	15:33:26	200671.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

24/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	GOLD	3:30:00 PM	1			1300.05	15:44:27	1300050	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCAD	11:30:00 AM	1			0.88942	12:18:13	4447.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCAD	1:30:00 PM	1			0.89052	13:35:33	1781.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

24/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDUSD	3:30:00 PM	1			0.69236	15:49:08	2077.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCAD	9:30:00 AM	1			1.28499	10:22:30	3854.97	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCAD	1:30:00 PM	1			1.59696	14:43:08	15.9696	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCAD	3:30:00 PM	1			1.29098	17:50:26	3872.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCHF	9:30:00 AM	1			0.99158	10:41:35	9.9158	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCHF	1:30:00 PM	1			0.99024	13:32:02	1980.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCHF	3:30:00 PM	1			0.99075	16:47:29	9.9075	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



24/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDJPY	3:30:00 PM	1			0.87652	15:59:19	8765.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDSEK	9:30:00 AM	1			8.7368	10:40:34	8736.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDSEK	11:30:00 AM	1			1.40506	12:09:28	14.0506	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	XAUUSD	9:30:00 AM	1			1.40833	10:35:11	5633.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	XAUUSD	3:30:00 PM	1			1299.91	15:44:13	12999.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
24/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





25/05/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







25/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCHF	11:30:00 AM	1			126.931	12:06:06	380793	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDJPY	3:30:00 PM	1			82.7	22:30:12	165400	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDUSD	9:30:00 AM	1			0.75753	10:10:24	7.5753	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDUSD	1:30:00 PM	1			0.7564	14:27:02	30.256	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDUSD	3:30:00 PM	1			1.22818	00:00:12	12.2818	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADCZK	11:30:00 AM	1			148.464	12:27:42	148464	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADCZK	1:30:00 PM	1			1.92891	14:05:39	19.2891	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADCZK	3:30:00 PM	1			17.061	15:53:24	1706.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





25/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURAUD	1:30:00 PM	1			132.759	14:00:11	2655.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURAUD	3:30:00 PM	1			1.5428	17:09:38	3085.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCHF	9:30:00 AM	1			130.405	11:06:33	1304.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCHF	11:30:00 AM	1			1.16072	13:27:34	1160.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCHF	1:30:00 PM	1			1.15908	13:57:53	1159.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCHF	3:30:00 PM	1			1.22911	15:37:32	12.2911	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURGBP	9:30:00 AM	1			1.05286	10:16:10	1052.86	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURGBP	11:30:00 AM	1	0.87701	877.01				Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURGBP	1:30:00 PM	1			0.87661	13:43:10	8.7661	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURGBP	3:30:00 PM	1			0.87601	00:18:15	1752.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



25/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURJPY	9:30:00 AM	1			127.892	09:46:34	2557840	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURJPY	11:30:00 AM	1			128.179	12:06:18	2563.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURJPY	1:30:00 PM	1			127.68	13:56:42	2553.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURJPY	3:30:00 PM	1	127.324	1273.24				Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURUSD	9:30:00 AM	1			132.524	09:48:31	1325.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURUSD	11:30:00 AM	1			1.24553	11:58:13	2491.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURUSD	1:30:00 PM	1			1.16924	13:45:30	1169.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURUSD	3:30:00 PM	1			1.00288	17:15:04	40.1152	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPAUD	9:30:00 AM	1			1.7635	09:45:06	5290.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCAD	9:30:00 AM	1			1.72165	11:27:33	1721.65	Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/05/2018	GBPCAD	11:30:00 AM	1			1.72581	12:14:13	17258.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCAD	1:30:00 PM	1			1.16842	13:44:17	11684.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCAD	3:30:00 PM	1			1.72716	16:01:07	17271.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCHF	1:30:00 PM	1			0.87823	13:34:03	8.7823	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPJPY	9:30:00 AM	1			146.251	10:32:50	292502	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPJPY	3:30:00 PM	1			145.422	15:43:50	290844	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPUSD	9:30:00 AM	1			1.33498	09:40:52	13349.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPUSD	11:30:00 AM	1			1.33524	12:02:33	2670.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPUSD	1:30:00 PM	1			1.33289	13:49:27	13328.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPUSD	3:30:00 PM	1	1.33302	399906				Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GOLD	9:30:00 AM	1			1303.59	10:23:24	78215400	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GOLD	1:30:00 PM	1			1306.2	14:47:42	1306200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCAD	1:30:00 PM	1			0.8949	14:01:22	8.949	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







25/05/2018	USDCAD	3:30:00 PM	1			1.29876	15:44:49	12.9876	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDCHF	11:30:00 AM	1			0.99235	13:27:21	992.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDCHF	1:30:00 PM	1			1.40266	14:31:08	14.0266	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDCHF	3:30:00 PM	1			0.87169	15:56:09	17.4338	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDJPY	9:30:00 AM	1			109.6	11:00:59	6576000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDJPY	1:30:00 PM	1			109.498	14:36:44	218996	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDJPY	3:30:00 PM	1			109.225	15:59:02	546125	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	XAUUSD	1:30:00 PM	1			1.2312	15:00:20	24.624	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A











28/05/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDUSD	9:30:00 AM	1			0.75654	09:44:26	7.5654	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDUSD	1:30:00 PM	1			106.108	15:00:22	4244.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDUSD	3:30:00 PM	1			130.707	20:00:18	130707	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADCHF	11:30:00 AM	1			0.76516	12:36:36	765.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





28/05/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURAUD	1:30:00 PM	1			1.23834	15:00:40	1238.34	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURAUD	3:30:00 PM	1			1.53977	16:37:48	769.885	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCAD	11:30:00 AM	1			1.5135	12:03:44	15.135	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCAD	3:30:00 PM	1			1.2841	18:00:41	6420.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

28/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURGBP	9:30:00 AM	1			1339.3	09:46:06	13393	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURGBP	11:30:00 AM	1			105.915	13:00:14	8473.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURGBP	1:30:00 PM	1			1.23733	14:43:01	24.7466	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURGBP	3:30:00 PM	1			0.87385	17:45:53	1747.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURJPY	9:30:00 AM	1	128.0681667	15368.18				Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURJPY	11:30:00 AM	1			130.358	12:02:22	1303.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURJPY	1:30:00 PM	1	127.2145	2544.29				Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURJPY	3:30:00 PM	1			127.03	15:43:45	2540.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURNZD	1:30:00 PM	1			1.23733	14:43:01	24.7466	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURUSD	9:30:00 AM	1	1.1701	3510.3				Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURUSD	11:30:00 AM	1			1.16599	12:02:18	11.6599	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURUSD	1:30:00 PM	1			1.19027	13:36:56	23805.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A

28/05/2018	EURUSD	3:30:00 PM	1			1.16229	16:08:10	8136.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPAUD	11:30:00 AM	1			1.31213	13:25:03	2624.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCAD	11:30:00 AM	1			1.7295	13:28:33	86.475	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCAD	3:30:00 PM	1			1.73052	16:34:21	190.3572	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPNZD	11:30:00 AM	1			1.915	13:24:32	1915	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

28/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPUSD	9:30:00 AM	1	1.33254	7995.24				Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPUSD	11:30:00 AM	1	1.33299	1332.99				Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPUSD	1:30:00 PM	1			1.33099	14:20:25	13.3099	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPUSD	3:30:00 PM	1			1.28233	15:59:40	12.8233	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCAD	3:30:00 PM	1			0.90138	19:46:50	901.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCHF	3:30:00 PM	1			0.69039	16:03:45	207.117	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



28/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDSGD	1:30:00 PM	1			0.9319	14:41:02	9.319	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDUSD	11:30:00 AM	1			4.9136	13:28:24	147408	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDUSD	1:30:00 PM	1			1.23733	14:43:01	24.7466	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDUSD	3:30:00 PM	1			0.69351	18:40:00	2080.53	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

28/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCAD	11:30:00 AM	1			1.29945	12:16:47	12.9945	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCAD	1:30:00 PM	1			1.23733	14:43:01	24.7466	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCAD	3:30:00 PM	1			1.2831	16:06:00	12.831	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCHF	1:30:00 PM	1			0.99538	15:09:18	19.9076	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCHF	3:30:00 PM	1			0.99308	00:42:51	39.7232	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDJPY	11:30:00 AM	1			109.322	12:32:41	655932	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDJPY	1:30:00 PM	1			109.337	14:07:25	328011	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDJPY	3:30:00 PM	1			109.34	15:45:48	328020	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

28/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	XAUUSD	11:30:00 AM	1			1.1807	11:50:20	1180.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	ZARJPY	1:30:00 PM	1			8.73	14:19:23	87.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









29/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#TWTR	3:30:00 PM	1			132.429	21:34:34	2648.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCHF	9:30:00 AM	1		0.74931	7.4931			Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



29/05/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDJPY	3:30:00 PM	1			81.501	18:01:26	815.01	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDNZD	11:30:00 AM	1			1.33849	12:58:55	13.3849	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDNZD	3:30:00 PM	1			130.276	16:57:52	2605.52	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDUSD	9:30:00 AM	1			0.75245	10:56:28	1504.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDUSD	11:30:00 AM	1			1339.57	13:00:32	26791.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDUSD	1:30:00 PM	1			0.75285	14:35:34	1505.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDUSD	3:30:00 PM	1			0.72235	21:00:21	7.2235	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CADCHF	3:30:00 PM	1			0.7591	20:14:54	759.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





29/05/2018	CHFHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURAUD	9:30:00 AM	1	1.537312857	107.6119				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURAUD	11:30:00 AM	1			1.53721	12:39:18	15.3721	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURAUD	1:30:00 PM	1			1.53809	14:51:22	15.3809	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURAUD	3:30:00 PM	1			1.53916	15:37:28	15.3916	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCAD	9:30:00 AM	1			1.50348	10:57:30	1503.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCAD	11:30:00 AM	1	1.49939	29.9878				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

29/05/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCHF	9:30:00 AM	1			82.434	09:52:37	164868	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCHF	3:30:00 PM	1			1.137	20:30:14	2274	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURGBP	9:30:00 AM	1			0.87166	11:05:11	8.7166	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURGBP	11:30:00 AM	1	0.87058	879.2858				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURGBP	1:30:00 PM	1			0.87202	13:40:31	8.7202	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURGBP	3:30:00 PM	1			127.691	16:42:28	38307300	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURJPY	9:30:00 AM	1			126.079	09:35:11	2521.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURJPY	11:30:00 AM	1	125.2296667	6261.483333				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURJPY	1:30:00 PM	1			125.821	13:33:39	2516.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURJPY	3:30:00 PM	1			126.196	15:53:53	630980	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURNOK	3:30:00 PM	1			9.5624	17:46:18	95.624	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURNZD	9:30:00 AM	1			1.66947	11:19:59	1669.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURNZD	11:30:00 AM	1	1.66714	1667.14				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURNZD	3:30:00 PM	1			1.67064	17:33:46	1670.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



29/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURUSD	9:30:00 AM	1			1.1576	09:45:21	11.576	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURUSD	11:30:00 AM	1	1.1517	9213.6				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURUSD	1:30:00 PM	1			1.15722	14:38:11	5786.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURUSD	3:30:00 PM	1			1.15827	15:51:56	1158.27	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPAUD	1:30:00 PM	1			0.97861	14:21:15	19.5722	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPAUD	3:30:00 PM	1			1.76558	16:37:47	3531.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCHF	9:30:00 AM	1			0.88008	11:05:24	4400.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCHF	11:30:00 AM	1			1.31668	12:33:40	1316.68	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCHF	1:30:00 PM	1			1.3212	15:16:42	1321.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCHF	3:30:00 PM	1			1.3075	20:26:37	1307.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPJPY	9:30:00 AM	1			1.32609	09:36:09	66304.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPJPY	11:30:00 AM	1	143.952	1439.52				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPJPY	3:30:00 PM	1			143.9	17:34:25	1439	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



29/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPNZD	3:30:00 PM	1			1.9225	21:15:29	1922.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPUSD	9:30:00 AM	1	1.327115	107589.2131				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPUSD	11:30:00 AM	1			132.724	12:00:18	2654.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPUSD	1:30:00 PM	1	1.3251	1325.1				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPUSD	3:30:00 PM	1			1.32766	16:13:53	1340.9366	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GOLD	9:30:00 AM	1			1303.35	10:29:06	6516750	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



29/05/2018	NZDUSD	3:30:00 PM	1			0.6894	19:16:59	689.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCAD	9:30:00 AM	1			1.30019	09:50:38	3900.57	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCAD	11:30:00 AM	1			1.3033	12:46:05	13.033	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCAD	1:30:00 PM	1			1.30056	14:46:25	1300.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCAD	3:30:00 PM	1			1.30189	15:36:33	2603.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCHF	9:30:00 AM	1			0.99368	10:55:59	1987.36	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCHF	11:30:00 AM	1			0.99617	12:43:39	9.9617	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCHF	1:30:00 PM	1			0.99724	13:44:33	997.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCHF	3:30:00 PM	1			0.9946	15:33:39	9.946	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDJPY	9:30:00 AM	1			129.445	10:03:26	132033.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDJPY	11:30:00 AM	1			108.792	11:37:37	217584	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDJPY	1:30:00 PM	1			108.987	14:04:02	108987	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDJPY	3:30:00 PM	1			109.031	16:26:07	218062	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



29/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDSEK	9:30:00 AM	1			8.8719	10:11:30	26615.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDSEK	11:30:00 AM	1	8.9616	26884.8				Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	XAUUSD	9:30:00 AM	1			1.38156	10:30:35	13.8156	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	XAUUSD	1:30:00 PM	1			1.29646	14:23:02	12.9646	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	XAUUSD	3:30:00 PM	1			1.1843	18:12:56	11.843	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









30/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#TWTR	3:30:00 PM	1			34.47	20:49:53	137880	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCAD	3:30:00 PM	1			1.25754	16:00:08	12.5754	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



30/05/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDJPY	3:30:00 PM	1			82.446	17:46:58	82446	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDUSD	9:30:00 AM	1			0.87766	09:43:09	17553.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDUSD	11:30:00 AM	1			0.75465	13:00:18	3773.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDUSD	1:30:00 PM	1			0.75465	13:43:15	3773.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDUSD	3:30:00 PM	1			0.75659	17:32:19	7565.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





30/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURAUD	11:30:00 AM	1			1.54067	11:43:43	3081.34	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURAUD	3:30:00 PM	1			127.704	16:28:44	638520	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCAD	9:30:00 AM	1			130.588	09:47:37	1305.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCAD	11:30:00 AM	1			1.50959	11:59:42	1509.59	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCAD	3:30:00 PM	1			1.51215	15:35:57	15.1215	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURGBP	9:30:00 AM	1			129.33	09:56:11	129330	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURGBP	3:30:00 PM	1			0.87628	17:31:42	8762.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURJPY	9:30:00 AM	1			126.124	09:56:12	2522.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURJPY	11:30:00 AM	1			126.365	12:01:08	2527.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURJPY	1:30:00 PM	1			126.789	13:59:43	2535.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURJPY	3:30:00 PM	1			126.451	15:37:16	2529.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURNZD	9:30:00 AM	1			1.6721	10:22:58	1672.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



30/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURUSD	9:30:00 AM	1			127.684	09:43:33	1276.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURUSD	11:30:00 AM	1			1.15917	11:38:28	5795.85	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURUSD	1:30:00 PM	1			1.16331	13:55:41	11633.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURUSD	3:30:00 PM	1			1.16096	17:01:22	11609.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPAUD	9:30:00 AM	1			1.36733	11:04:19	6836.65	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPAUD	11:30:00 AM	1			1.76155	11:47:13	3523.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPAUD	3:30:00 PM	1			1.7535	18:28:03	17535	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCAD	3:30:00 PM	1			1.70689	18:27:37	187.7579	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

30/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPJPY	11:30:00 AM	1			1.35825	13:18:15	1358.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPJPY	1:30:00 PM	1			1.29617	14:06:50	12.9617	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPJPY	3:30:00 PM	1			144.98	17:33:34	144980	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPNZD	9:30:00 AM	1			1.23275	10:16:21	12.3275	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPPLN	3:30:00 PM	1			4.9086	18:17:21	196344	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPUSD	9:30:00 AM	1			147.631	09:42:45	1476.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPUSD	11:30:00 AM	1			1.32805	13:06:38	13.2805	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPUSD	1:30:00 PM	1			1.32961	13:50:04	6648.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPUSD	3:30:00 PM	1			1.33011	15:45:40	6650.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



30/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDUSD	11:30:00 AM	1			0.694	11:45:45	694	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDUSD	1:30:00 PM	1	0.69679	6.9679				Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDUSD	3:30:00 PM	1			0.6986	17:33:28	174650	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCAD	9:30:00 AM	1			1.30051	10:14:50	26.0102	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCAD	11:30:00 AM	1			1.2992	12:11:14	1299.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCAD	1:30:00 PM	1			1.29617	14:06:50	12.9617	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCAD	3:30:00 PM	1			1.25596	16:00:03	1255.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



30/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDJPY	9:30:00 AM	1			108.62	10:36:21	108620	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDJPY	11:30:00 AM	1			108.82	11:59:28	108820	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDJPY	3:30:00 PM	1			108.969	16:09:32	108969	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDMXN	1:30:00 PM	1			19.681	13:37:31	19681	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDMXN	3:30:00 PM	1			19.711	17:33:19	98555	Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
30/05/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









31/05/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#TWTR	3:30:00 PM	1			34.69	18:05:45	34690	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



31/05/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDUSD	9:30:00 AM	1			0.75869	09:38:51	7.5869	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDUSD	11:30:00 AM	1			0.7579	11:58:05	757.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDUSD	1:30:00 PM	1			0.7593	13:40:23	759.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDUSD	3:30:00 PM	1			0.75614	17:15:38	7561.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADJPY	3:30:00 PM	1	84.128	84128				Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





31/05/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURAUD	3:30:00 PM	1			1.41437	16:57:32	28.2874	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCAD	1:30:00 PM	1			1.50768	14:31:03	45.2304	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCAD	3:30:00 PM	1			1.51257	15:50:05	7562.85	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURGBP	9:30:00 AM	1			0.87899	09:48:04	6152.93	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURGBP	11:30:00 AM	1			1.59678	11:53:39	3193.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURGBP	3:30:00 PM	1			0.86959	16:00:25	8.6959	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURJPY	9:30:00 AM	1			127.212	09:44:55	2544.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURJPY	11:30:00 AM	1			132.741	12:01:32	2654.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURJPY	1:30:00 PM	1	127.333	2546.66				Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURJPY	3:30:00 PM	1			1.40292	15:45:07	28.0584	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURMXN	9:30:00 AM	1			0.70535	11:04:59	14.107	Continuous Quote Driven	N/A	ELECTRONIC	N/A

31/05/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURNZD	1:30:00 PM	1			1.662	15:24:36	1662	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURUSD	9:30:00 AM	1			0.88062	09:41:41	880.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURUSD	11:30:00 AM	1			1.16799	12:24:01	11.6799	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURUSD	1:30:00 PM	1			1.16767	14:52:51	23.3534	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURUSD	3:30:00 PM	1			1.16522	15:56:02	3495.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPAUD	11:30:00 AM	1			1.75885	12:24:37	3517.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCAD	9:30:00 AM	1			106.041	10:15:09	106041	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCAD	11:30:00 AM	1			1.70988	12:33:26	1709.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCAD	1:30:00 PM	1			1.71435	13:54:33	1714.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCAD	3:30:00 PM	1			1.17707	18:17:46	353121	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCHF	3:30:00 PM	1			1.27956	16:46:35	12.7956	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

31/05/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPJPY	9:30:00 AM	1			145.101	09:58:06	145101	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPJPY	11:30:00 AM	1			128.207	12:32:12	1282070	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPJPY	1:30:00 PM	1			145.126	13:46:55	145126	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPJPY	3:30:00 PM	1	144.4	1444				Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPPLN	11:30:00 AM	1			4.9183	12:05:42	196732	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPUSD	9:30:00 AM	1			1.33337	09:46:00	1333.37	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPUSD	11:30:00 AM	1			1.33246	13:00:30	53298.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPUSD	1:30:00 PM	1			1.33424	13:50:29	6671.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPUSD	3:30:00 PM	1			1.33171	16:28:14	13.3171	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



31/05/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GOLD	1:30:00 PM	1			0.882	15:00:02	335.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCAD	3:30:00 PM	1			0.88345	15:50:04	79.5105	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCHF	9:30:00 AM	1			0.69091	09:54:49	690.91	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCHF	11:30:00 AM	1			0.68894	11:58:04	688.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDJPY	11:30:00 AM	1			76.134	12:01:09	76134	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDJPY	3:30:00 PM	1			76.145	18:05:54	76145	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



31/05/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDUSD	9:30:00 AM	1			0.69924	10:03:37	699.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDUSD	3:30:00 PM	1			0.70157	15:33:32	7015.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCAD	9:30:00 AM	1			1.28453	10:11:41	2569.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCAD	11:30:00 AM	1			132.863	12:35:45	2657.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCAD	1:30:00 PM	1			1.28667	14:30:05	25733.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCAD	3:30:00 PM	1			1.29674	15:50:17	12967.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCHF	9:30:00 AM	1			132.327	10:14:51	2646.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCHF	3:30:00 PM	1			0.9831	16:56:39	9.831	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

31/05/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDJPY	9:30:00 AM	1			108.841	10:21:10	108841	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDJPY	11:30:00 AM	1			108.921	13:29:19	108921	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDJPY	1:30:00 PM	1			108.877	14:20:53	108877	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDJPY	3:30:00 PM	1			108.502	15:55:53	108502	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDMXN	9:30:00 AM	1			19.826	11:12:59	39652	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDMXN	11:30:00 AM	1			19.847	12:24:06	19847	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDMXN	1:30:00 PM	1			19.873	14:17:56	19873	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDMXN	3:30:00 PM	1			1.35458	17:01:39	6772.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDSEK	9:30:00 AM	1			0.87504	09:45:33	8.7504	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDSEK	1:30:00 PM	1			8.8075	15:16:07	26422.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDSEK	3:30:00 PM	1			8.8265	17:38:32	26479.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
31/05/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



01/06/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





01/06/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#TWTR	3:30:00 PM	1			156.26	16:30:07	3125.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
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01/06/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



01/06/2018	AUDNZD	11:30:00 AM	1			1.07985	11:39:27	10.7985	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDUSD	9:30:00 AM	1			0.75503	10:47:54	755.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDUSD	1:30:00 PM	1			1.3591	13:51:23	13591	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDUSD	3:30:00 PM	1			0.75563	16:56:23	3778.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





01/06/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURAUD	11:30:00 AM	1			132.739	12:00:31	2654.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURAUD	3:30:00 PM	1			1.5489	15:51:13	7744.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCAD	11:30:00 AM	1			1.33246	13:00:30	53298.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURGBP	9:30:00 AM	1			129.237	10:47:27	1292.37	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURGBP	11:30:00 AM	1			0.8783	11:45:13	105.396	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURGBP	1:30:00 PM	1			0.87748	13:38:23	105.2976	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURGBP	3:30:00 PM	1			1.43323	16:00:17	28.6646	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

01/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURJPY	9:30:00 AM	1	127.695	2553.9				Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURJPY	11:30:00 AM	1			1337.35	11:57:50	13373.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURJPY	1:30:00 PM	1			1.41749	13:43:18	28.3498	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURJPY	3:30:00 PM	1			127.888	16:10:15	639440	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURNZD	9:30:00 AM	1	1.67026	1670.26				Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURPLN	11:30:00 AM	1			4.3147	12:34:55	21573.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURPLN	1:30:00 PM	1			4.3175	14:31:22	21587.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURUSD	9:30:00 AM	1			1.16825	11:03:36	46.73	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURUSD	11:30:00 AM	1			1.17125	12:03:52	5856.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURUSD	1:30:00 PM	1			1.16575	14:33:00	46.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURUSD	3:30:00 PM	1			1.16446	16:13:11	46.5784	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPAUD	1:30:00 PM	1			1.77	14:44:09	17700	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



01/06/2018	GBPCAD	11:30:00 AM	1	1.723	1723				Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPJPY	9:30:00 AM	1			145.122	11:23:11	145122	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPJPY	11:30:00 AM	1			145.316	11:35:55	290632	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPJPY	1:30:00 PM	1			145.773	13:53:30	1457.73	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPJPY	3:30:00 PM	1			1.40427	15:52:52	14.0427	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPPLN	11:30:00 AM	1			4.9008	12:09:02	49.008	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



01/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPUSD	9:30:00 AM	1	1.32886	6644.3				Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPUSD	11:30:00 AM	1	1.33021	6651.05				Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPUSD	1:30:00 PM	1			1.33311	13:44:45	6665.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPUSD	3:30:00 PM	1			132.863	15:53:01	3985.89	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

01/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDUSD	11:30:00 AM	1			0.69839	13:10:33	3491.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDUSD	1:30:00 PM	1			0.69604	14:30:23	6960.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDUSD	3:30:00 PM	1			0.69785	17:14:26	3489.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCAD	1:30:00 PM	1			1.23008	14:11:53	24.6016	Continuous Quote Driven	N/A	ELECTRONIC	N/A

01/06/2018	USDCAD	3:30:00 PM	1			1.29829	16:16:40	12.9829	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCHF	9:30:00 AM	1			0.987	10:36:28	987	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCHF	3:30:00 PM	1			0.98926	16:26:18	4946.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDJPY	1:30:00 PM	1			109.585	14:30:07	547925	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDMXN	9:30:00 AM	1			19.916	11:03:20	59748	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDSEK	3:30:00 PM	1			8.847	16:19:58	176.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

01/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	XAUUSD	1:30:00 PM	1			1292.94	14:30:06	12929400	Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
01/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







04/06/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#TWTR	3:30:00 PM	1			37.42	20:24:25	74840	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





04/06/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDUSD	9:30:00 AM	1			1.16866	09:51:53	11686.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDUSD	11:30:00 AM	1			132.728	12:00:14	2654.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDUSD	1:30:00 PM	1			0.76659	14:02:45	3832.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDUSD	3:30:00 PM	1			131.313	17:01:15	2626.26	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



04/06/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURAUD	9:30:00 AM	1			1.53164	10:14:44	1531.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURAUD	11:30:00 AM	1			1.53123	12:40:30	1531.23	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURAUD	1:30:00 PM	1			1.53131	14:24:17	7656.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURAUD	3:30:00 PM	1			1.53066	16:34:44	15306.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



04/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURGBP	9:30:00 AM	1			1.60175	10:00:21	16.0175	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURGBP	1:30:00 PM	1			0.87708	14:01:21	4385.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURGBP	3:30:00 PM	1			1.42222	16:00:12	42.6666	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURJPY	9:30:00 AM	1			127.932	10:09:46	2558.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURJPY	11:30:00 AM	1			131.231	12:01:30	1312.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURJPY	1:30:00 PM	1			128.289	14:30:42	641445	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURJPY	3:30:00 PM	1			1.17087	15:38:55	11.7087	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURNZD	3:30:00 PM	1			1.17087	15:38:55	11.7087	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURPLN	9:30:00 AM	1			149.153	11:27:47	1491.53	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURPLN	1:30:00 PM	1			4.29	13:38:38	128700	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURUSD	9:30:00 AM	1			1.17123	10:38:30	5856.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURUSD	11:30:00 AM	1			1.4065	12:00:24	14.065	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURUSD	1:30:00 PM	1			1.17113	15:23:15	5855.65	Continuous Quote Driven	N/A	ELECTRONIC	N/A



04/06/2018	EURUSD	3:30:00 PM	1			1.17087	15:38:55	11.7087	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCAD	9:30:00 AM	1			1.72766	09:39:44	8638.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCAD	1:30:00 PM	1			1.72806	13:38:45	8640.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCAD	3:30:00 PM	1			1.72627	15:56:51	8631.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPJPY	9:30:00 AM	1			146.528	09:43:23	732640	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPNZD	1:30:00 PM	1			1.90021	13:39:10	9501.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPNZD	3:30:00 PM	1			1.89829	15:59:59	9491.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

04/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPPLN	1:30:00 PM	1			4.8934	14:34:57	24467	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPPLN	3:30:00 PM	1			4.8837	17:40:02	48837	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPUSD	9:30:00 AM	1			1.33601	09:55:34	6680.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPUSD	11:30:00 AM	1			1.33759	12:29:32	13.3759	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPUSD	1:30:00 PM	1			1.33788	13:39:01	6689.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPUSD	3:30:00 PM	1			1.27567	16:26:09	25.5134	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	GOLD	3:30:00 PM	1			1292.38	20:23:34	1292380	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





04/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCAD	9:30:00 AM	1			1.29216	10:06:43	1292.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCAD	3:30:00 PM	1			1.84129	16:15:48	18.4129	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCHF	9:30:00 AM	1			0.98684	09:56:57	4934.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCHF	1:30:00 PM	1			1.23647	13:59:48	1236.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCHF	3:30:00 PM	1			0.98679	16:45:40	9867.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDHUF	3:30:00 PM	1			272.63	17:05:34	5725230	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDJPY	9:30:00 AM	1			132.415	10:05:16	2648.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDJPY	1:30:00 PM	1			106.288	14:01:08	1062.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDJPY	3:30:00 PM	1			109.567	16:16:23	547835	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDPLN	1:30:00 PM	1			3.656	13:45:43	146240	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDPLN	3:30:00 PM	1			3.664	17:05:36	10992	Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
04/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A













05/06/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#TWTR	3:30:00 PM	1			39.65	20:59:00	118950	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCZK	11:30:00 AM	1			16.685	12:47:09	33370	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCZK	1:30:00 PM	1			16.703	13:39:51	33406	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDCZK	3:30:00 PM	1			16.708	16:40:43	33416	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

05/06/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDJPY	11:30:00 AM	1			83.65	12:15:42	167300	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDJPY	3:30:00 PM	1			83.991	00:30:14	1679.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDUSD	9:30:00 AM	1	0.76405	764.05				Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDUSD	11:30:00 AM	1	0.76292	7.6292				Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDUSD	3:30:00 PM	1			1359.3	18:39:38	27186	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADCZK	11:30:00 AM	1			16.878	12:51:28	16878	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADCZK	1:30:00 PM	1			16.929	15:06:46	169.29	Continuous Quote Driven	N/A	ELECTRONIC	N/A

05/06/2018	CADCZK	3:30:00 PM	1			133.432	15:59:04	21349.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADDKK	11:30:00 AM	1			4.906	12:51:35	245398.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADHUF	9:30:00 AM	1			1.35283	10:39:13	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CADZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	CHFHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







05/06/2018	EURCAD	3:30:00 PM	1			1.70248	16:00:11	51.0744	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURCHF	9:30:00 AM	1			1.15459	10:59:03	41565.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURCHF	11:30:00 AM	1			1.39606	13:02:33	13.9606	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURCHF	3:30:00 PM	1			1.154	18:25:06	2308	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURCZK	9:30:00 AM	1			25.688	10:36:29	256880	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURCZK	11:30:00 AM	1			106.977	12:11:30	2139.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURGBP	9:30:00 AM	1			0.87612	10:36:23	10513.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURGBP	11:30:00 AM	1			0.87449	11:37:38	43741.9898	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURGBP	1:30:00 PM	1			0.87232	15:00:24	6106.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURGBP	3:30:00 PM	1			0.87412	16:00:15	17.4824	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURJPY	9:30:00 AM	1			107.948	10:10:14	2158.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURJPY	11:30:00 AM	1			128.289	12:13:49	641445	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURJPY	1:30:00 PM	1			0.68972	14:10:03	13.7944	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURJPY	3:30:00 PM	1			128.081	15:33:28	25616.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURNZD	1:30:00 PM	1			1.66456	14:12:47	3329.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURNZD	3:30:00 PM	1			1.22756	15:48:10	24.5512	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

05/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURUSD	9:30:00 AM	1	1.1692	1169.2				Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURUSD	11:30:00 AM	1			1.39647	12:58:44	13.9647	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURUSD	1:30:00 PM	1			1.37651	14:15:38	1376.51	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURUSD	3:30:00 PM	1			1.17071	18:14:38	23.4142	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCAD	9:30:00 AM	1			1.54407	10:31:08	15.4407	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCAD	11:30:00 AM	1			1.73442	12:47:17	6937.68	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCHF	1:30:00 PM	1			1.31906	15:09:57	1319.06	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCHF	3:30:00 PM	1			1.31712	19:20:31	5268.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCZK	11:30:00 AM	1			29.305	12:58:20	58610	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPCZK	3:30:00 PM	1			29.275	19:18:41	29275	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

05/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPNZD	9:30:00 AM	1			1.90024	11:06:35	9501.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPNZD	1:30:00 PM	1			131.699	13:52:49	1316.99	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPNZD	3:30:00 PM	1			128.405	16:39:25	385215	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPPLN	11:30:00 AM	1			4.902	12:13:45	49020	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPPLN	3:30:00 PM	1			4.8992	16:37:30	9798.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPUUSD	9:30:00 AM	1			1.33318	10:21:20	13.3318	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPUUSD	11:30:00 AM	1			1.33684	12:52:12	1336.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPUUSD	3:30:00 PM	1			1.33807	18:36:26	1338.07	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



05/06/2018	NZDCAD	11:30:00 AM	1			0.91263	12:35:22	9.1263	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCAD	3:30:00 PM	1			133.421	15:58:46	1334.21	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDJPY	9:30:00 AM	1			0.95918	09:35:08	9.5918	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDJPY	11:30:00 AM	1			0.87501	13:29:02	17.5002	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDJPY	1:30:00 PM	1			1.41606	15:00:11	28.3212	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDUSD	11:30:00 AM	1			0.70262	12:34:17	35145.0524	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



05/06/2018	NZDUSD	3:30:00 PM	1			0.70049	17:03:11	28.0196	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCAD	9:30:00 AM	1			1.38253	10:30:47	1382.53	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCAD	11:30:00 AM	1	1.295	1295				Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCAD	1:30:00 PM	1			1.21786	14:04:15	24.3572	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCAD	3:30:00 PM	1			132.963	15:40:46	1329.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCHF	9:30:00 AM	1			0.987	10:18:30	4935	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCHF	1:30:00 PM	1			1.95373	15:10:00	1953.73	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCHF	3:30:00 PM	1			0.98935	16:04:45	197.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDHUF	9:30:00 AM	1			272.22	10:36:15	10888800	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDJPY	1:30:00 PM	1			109.655	15:05:18	6579300	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDJPY	3:30:00 PM	1			109.787	15:37:58	21957.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
05/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A











06/06/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#TWTR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCAD	3:30:00 PM	1			0.99267	23:23:42	1985.34	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

06/06/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCZK	9:30:00 AM	1			16.655	09:49:03	333.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDHUF	3:30:00 PM	1			206.72	21:41:17	8268.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDJPY	3:30:00 PM	1			84.451	23:56:01	168902	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDUSD	9:30:00 AM	1			0.76452	09:45:47	38241.2904	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDUSD	3:30:00 PM	1			0.76753	15:38:34	38391.8506	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









06/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURAUD	3:30:00 PM	1			1.53589	20:56:03	15.3589	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCAD	1:30:00 PM	1			0.72625	14:30:10	726.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCAD	3:30:00 PM	1			1.521	16:33:14	30.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCHF	9:30:00 AM	1			1.5557	10:02:28	15.557	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCHF	3:30:00 PM	1			1.93876	16:03:53	38.7752	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURGBP	9:30:00 AM	1			0.76769	10:00:12	7.6769	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURGBP	11:30:00 AM	1			0.87628	12:25:08	87.628	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURGBP	3:30:00 PM	1			0.8775	15:51:12	877.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURJPY	9:30:00 AM	1			127.892	09:46:34	2557840	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURJPY	11:30:00 AM	1			147.489	11:55:55	737445	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURJPY	1:30:00 PM	1			129.782	13:35:07	2595.64	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURJPY	3:30:00 PM	1			129.506	16:04:21	2590.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

06/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURPLN	3:30:00 PM	1			1.23773	19:29:32	24.7546	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURUSD	9:30:00 AM	1			1.17635	10:00:28	294087.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURUSD	11:30:00 AM	1			1.17657	13:01:17	117.657	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURUSD	3:30:00 PM	1			1.17807	15:37:24	2356.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPAUD	9:30:00 AM	1			1.757	10:01:04	1757	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPAUD	11:30:00 AM	1	1.75592	1755.92				Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPAUD	3:30:00 PM	1			1.74902	17:26:45	1749.02	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCAD	1:30:00 PM	1			1.73	13:56:45	346000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCAD	3:30:00 PM	1			1.737	21:00:39	347400	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCHF	9:30:00 AM	1			1.78906	11:05:36	35.7812	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCHF	1:30:00 PM	1			1.32411	15:02:37	5296.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCZK	9:30:00 AM	1			29.232	09:34:15	292.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPCZK	3:30:00 PM	1			29.226	19:31:03	1461.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



06/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPJPY	11:30:00 AM	1			147.97	12:06:55	4439.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPJPY	1:30:00 PM	1			147.733	14:44:51	36933250	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPJPY	3:30:00 PM	1			147.182	00:21:38	1471.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPNZD	9:30:00 AM	1			1.90645	09:41:01	190.645	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPNZD	11:30:00 AM	1			1.90784	11:36:48	19.0784	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPNZD	1:30:00 PM	1			1.90615	13:44:29	19.0615	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPNZD	3:30:00 PM	1			1.91	16:58:57	1146000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPPLN	11:30:00 AM	1			4.882	13:07:50	9764	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPPLN	3:30:00 PM	1			4.8675	16:36:49	146.025	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPSGD	3:30:00 PM	1			1.788	21:28:30	35.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPUSD	9:30:00 AM	1			1.34216	10:00:27	4603.6088	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPUSD	3:30:00 PM	1			1.3436	15:42:44	1343.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



06/06/2018	HUFJPY	3:30:00 PM	1			0.4081	19:29:36	12243	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCAD	1:30:00 PM	1			0.72625	14:30:10	726.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCHF	1:30:00 PM	1			0.6965	13:33:55	10447.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

06/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCAD	9:30:00 AM	1	1.294545	2589.09				Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCAD	11:30:00 AM	1			0.7439	11:36:12	7.439	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCAD	1:30:00 PM	1			131.958	14:15:39	1319.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCAD	3:30:00 PM	1			1.94364	18:00:00	19.4364	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCHF	9:30:00 AM	1			0.98555	10:42:00	985.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCHF	11:30:00 AM	1			0.98657	11:43:19	986.57	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCHF	1:30:00 PM	1			0.98791	13:40:27	9.8791	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCHF	3:30:00 PM	1			1.21172	16:22:02	12.1172	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

06/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDJPY	1:30:00 PM	1			0.87358	14:16:00	17.4716	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDJPY	3:30:00 PM	1			110.037	15:43:56	3301.11	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDZAR	1:30:00 PM	1			12.7248	15:22:14	25449.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	USDZAR	3:30:00 PM	1			12.7274	19:29:57	127.274	Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
06/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









07/06/2018	#HSBA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#HSBA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#HSBA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#IBM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#IBM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#IBM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#IBM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#INTC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#INTC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#INTC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#INTC	3:30:00 PM	1			55.89	21:13:32	111780	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#JNJ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#JNJ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#JNJ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#JNJ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#JPM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#JPM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#JPM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#JPM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#KO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#KO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#KO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#KO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#LLOY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#LLOY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#LLOY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#LLOY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#LNKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#LNKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#LNKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A











07/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURAUD	11:30:00 AM	1			1.54379	11:58:42	15.4379	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURAUD	3:30:00 PM	1			129.434	19:35:28	6471.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCAD	9:30:00 AM	1			1.53103	10:20:34	15.3103	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCAD	11:30:00 AM	1			1.40985	13:15:33	28.197	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCAD	3:30:00 PM	1			0.76927	16:08:22	15.3854	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURGBP	9:30:00 AM	1			0.87809	10:17:10	8780.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURGBP	11:30:00 AM	1			1.40689	13:15:03	28.1378	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURGBP	1:30:00 PM	1			0.88228	13:39:22	8.8228	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURGBP	3:30:00 PM	1			0.87937	17:36:55	8.7937	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURJPY	9:30:00 AM	1			130.065	09:48:53	10405.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURJPY	11:30:00 AM	1			129.93	11:44:40	1299.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURJPY	1:30:00 PM	1			132.322	14:00:22	13232.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURJPY	3:30:00 PM	1			1.30651	15:34:02	209.0416	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



07/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURNZD	9:30:00 AM	1			1.67697	11:11:09	16.7697	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURNZD	11:30:00 AM	1			1.3064	13:12:05	1306.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURUSD	9:30:00 AM	1			1.18276	09:43:53	11.8276	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURUSD	11:30:00 AM	1			18.327	13:19:57	183.27	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURUSD	3:30:00 PM	1			1.18102	15:55:43	2362.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPAUD	11:30:00 AM	1			1.42999	11:34:58	28.5998	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPAUD	1:30:00 PM	1			1.40379	13:40:57	28.0758	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCHF	1:30:00 PM	1			1321.54	13:41:04	1321540	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPCZK	1:30:00 PM	1			29.136	14:28:12	29136	Continuous Quote Driven	N/A	ELECTRONIC	N/A



07/06/2018	GBPCZK	3:30:00 PM	1			29.191	17:34:49	29191	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPJPY	9:30:00 AM	1			148.008	11:17:15	7400.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPJPY	11:30:00 AM	1			148.072	11:35:27	148072	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPJPY	1:30:00 PM	1			1.903	13:39:20	95.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPJPY	3:30:00 PM	1			147.479	18:34:19	7373950	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPNZD	9:30:00 AM	1			1.90956	11:28:20	19.0956	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPNZD	1:30:00 PM	1			1.903	13:39:20	95.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPNZD	3:30:00 PM	1			1.91	17:33:40	95.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPPLN	1:30:00 PM	1			4.8313	13:39:21	144.939	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPPLN	3:30:00 PM	1			4.8434	16:38:21	242.17	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPSGD	3:30:00 PM	1			1.7842	16:07:32	1784.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPUSD	9:30:00 AM	1			1.42606	10:00:16	28.5212	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPUSD	11:30:00 AM	1			1.41977	11:50:14	28.3954	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPUSD	1:30:00 PM	1	1.34114	26.8228				Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPUSD	3:30:00 PM	1			1.21415	16:09:18	3642.45	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

07/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GOLD	1:30:00 PM	1			1.694	14:29:29	33.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	GOLD	3:30:00 PM	1			1297.71	15:33:04	12977.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	HUFJPY	3:30:00 PM	1			0.409	16:06:51	8180	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCHF	3:30:00 PM	1			1.4069	18:34:13	28.138	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

07/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDUSD	9:30:00 AM	1			149.344	10:35:20	1493.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDUSD	1:30:00 PM	1			1.79249	15:10:05	17.9249	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCAD	3:30:00 PM	1			1.2956	15:43:58	1295.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCHF	9:30:00 AM	1			0.98167	11:28:27	19.6334	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCHF	11:30:00 AM	1			0.9808	11:40:45	9808	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



07/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDJPY	9:30:00 AM	1			109.928	09:52:10	2198.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDJPY	11:30:00 AM	1			1.81686	12:20:00	36.3372	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDJPY	1:30:00 PM	1			0.76842	13:51:31	7.6842	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDJPY	3:30:00 PM	1			131.323	16:34:20	2626.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDMXN	3:30:00 PM	1			20.595	19:53:39	205.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDZAR	9:30:00 AM	1			1.41159	09:50:12	2823.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDZAR	11:30:00 AM	1			12.7503	11:59:02	127.503	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	USDZAR	3:30:00 PM	1			12.9462	15:43:20	258.924	Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
07/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





08/06/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







08/06/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCHF	9:30:00 AM	1			0.74382	10:21:37	7438.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCHF	1:30:00 PM	1	0.74553	1491.06				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDMXN	9:30:00 AM	1			0.77021	09:59:43	7.7021	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDMXN	11:30:00 AM	1			15.5452	13:05:13	466.356	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDNOK	9:30:00 AM	1			1.41827	11:05:25	14.1827	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDNZD	9:30:00 AM	1			1.08171	09:32:14	1081.71	Continuous Quote Driven	N/A	ELECTRONIC	N/A

08/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDUSD	11:30:00 AM	1			0.75742	11:37:07	7.5742	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDUSD	3:30:00 PM	1			149.181	16:59:05	4475.43	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADCHF	3:30:00 PM	1			0.76163	19:19:30	380.815	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





08/06/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CZKJPY	9:30:00 AM	1			1.41818	11:05:31	28.3636	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURAUD	9:30:00 AM	1			1.40646	09:34:01	1406.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCAD	3:30:00 PM	1			1.52214	22:19:35	761.07	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCHF	3:30:00 PM	1			1.16117	18:17:26	1161.17	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURGBP	9:30:00 AM	1			0.87705	09:57:44	43.8525	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURGBP	11:30:00 AM	1			128.542	12:08:15	128542	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURGBP	1:30:00 PM	1			0.87827	14:39:40	878.27	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURGBP	3:30:00 PM	1			0.87937	15:36:47	879.37	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURHKD	1:30:00 PM	1			9.2084	14:48:34	18416.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A



08/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURJPY	9:30:00 AM	1			128.697	09:37:04	32174250	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURJPY	11:30:00 AM	1			8.7591	11:36:31	8759.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURJPY	1:30:00 PM	1			128.364	13:41:33	2567280	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURJPY	3:30:00 PM	1			128.722	16:39:33	643610	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURSEK	9:30:00 AM	1			10.2825	09:33:56	102.825	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURUSD	9:30:00 AM	1			1.17701	09:37:16	11.7701	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURUSD	11:30:00 AM	1			1.17543	12:35:31	11.7543	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURUSD	1:30:00 PM	1			1.1756	14:03:58	2351.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURUSD	3:30:00 PM	1			1.17719	18:06:13	11.7719	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPAUD	9:30:00 AM	1			105.078	10:00:06	2101.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

08/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCHF	9:30:00 AM	1			1.31689	11:04:42	26.3378	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCHF	3:30:00 PM	1			1.32218	19:18:28	13221.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPJPY	9:30:00 AM	1			146.802	10:09:45	293604	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPJPY	11:30:00 AM	1			127.835	12:58:37	639175	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPJPY	1:30:00 PM	1			0.7489	14:46:46	7.489	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPPLN	9:30:00 AM	1			4.8871	11:09:44	48.871	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPPLN	3:30:00 PM	1			4.8714	16:42:36	48.714	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

08/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPUSD	9:30:00 AM	1			1.3403	10:23:10	6701.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPUSD	11:30:00 AM	1			1.34185	11:34:44	26.837	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPUSD	1:30:00 PM	1			1.34094	14:26:45	2681.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPUSD	3:30:00 PM	1			1.23609	17:00:35	24.7218	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	GOLD	3:30:00 PM	1	1298.54	1298540				Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



08/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDUSD	3:30:00 PM	1			0.70377	19:18:09	35188.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCAD	9:30:00 AM	1			1.30096	10:10:41	13.0096	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCAD	1:30:00 PM	1			1.29973	13:55:23	1299.73	Continuous Quote Driven	N/A	ELECTRONIC	N/A



08/06/2018	USDCAD	3:30:00 PM	1			1.29574	16:33:27	12.9574	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCHF	1:30:00 PM	1			0.98648	14:40:34	9864.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCZK	11:30:00 AM	1			22.007	13:12:34	440.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDCZK	3:30:00 PM	1			21.912	18:06:42	219120	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDJPY	9:30:00 AM	1			109.406	10:05:34	109406	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDJPY	3:30:00 PM	1			109.483	19:18:07	547415	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDMXN	9:30:00 AM	1			20.611	11:02:08	206.11	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDMXN	11:30:00 AM	1			20.56	12:34:50	205.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDMXN	3:30:00 PM	1			20.279	22:27:02	405.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

08/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	USDZAR	3:30:00 PM	1			13.0646	19:42:58	130.646	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	XAUUSD	9:30:00 AM	1			1296.69	09:55:59	12966900	Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
08/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







11/06/2018	#LNKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MCD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MCD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MCD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MCD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MMM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MMM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MMM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MMM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MRK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MRK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MRK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MRK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MSFT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MSFT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MSFT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#MSFT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#ORCL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#ORCL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#ORCL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#TWTR	3:30:00 PM	1			41.45	21:30:14	207250	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



11/06/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDSEK	3:30:00 PM	1			6.5874	21:23:31	32937	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDUSD	11:30:00 AM	1			0.76056	12:59:17	3802.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDUSD	1:30:00 PM	1			0.76157	14:57:49	3807.85	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDUSD	3:30:00 PM	1			0.76196	16:23:50	761.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADHKD	3:30:00 PM	1			6.0451	21:25:15	60.451	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







11/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURGBP	9:30:00 AM	1			1.3384	10:30:03	6692	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURGBP	3:30:00 PM	1			0.87799	20:00:34	1755.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURHUF	3:30:00 PM	1			320.85	21:29:46	1604250	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURJPY	9:30:00 AM	1			132.819	11:05:35	1328.19	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURJPY	1:30:00 PM	1			129.645	15:15:14	648225	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURJPY	3:30:00 PM	1			129.74	15:55:38	129740	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURUSD	9:30:00 AM	1			1.18092	10:14:28	11.8092	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURUSD	11:30:00 AM	1			1.17962	12:13:35	5898.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURUSD	1:30:00 PM	1			1.18719	13:56:33	23.7438	Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/06/2018	EURUSD	3:30:00 PM	1			1.17974	15:39:31	5898.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURZAR	9:30:00 AM	1			15.4686	11:14:22	3867150	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	EURZAR	3:30:00 PM	1			15.5052	15:35:09	77526	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCHF	9:30:00 AM	1			1.32309	10:23:20	39.6927	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPCZK	3:30:00 PM	1			29.087	17:25:15	290.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPJPY	3:30:00 PM	1			147.2	16:19:20	294400	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPNZD	1:30:00 PM	1			1.89884	14:41:27	18.9884	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPNZD	3:30:00 PM	1			1.90828	00:02:20	19.0828	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPPLN	9:30:00 AM	1	4.8532	145596				Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPPLN	1:30:00 PM	1			4.841	15:05:00	48410	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPPLN	3:30:00 PM	1			4.8461	18:42:17	48461	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPUSD	9:30:00 AM	1			1.34245	10:14:23	13.4245	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPUSD	11:30:00 AM	1			1.33668	11:52:51	5346.72	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPUSD	1:30:00 PM	1			1.27907	14:00:16	25.5814	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPUSD	3:30:00 PM	1			132.948	15:42:35	1329.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GOLD	1:30:00 PM	1			1298.82	14:55:28	389646000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	GOLD	3:30:00 PM	1			1300.8	17:00:14	6504000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	MXNJPY	3:30:00 PM	1			1346.71	21:16:06	26934.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



11/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDHUF	9:30:00 AM	1			190.35	09:36:45	951750	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDPLN	3:30:00 PM	1			2.541	21:16:26	25.41	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDUSD	11:30:00 AM	1			0.70237	12:20:58	3511.85	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDUSD	1:30:00 PM	1			1.23619	14:12:52	24.7238	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SEKJPY	3:30:00 PM	1			12.73	21:37:30	63650	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCAD	9:30:00 AM	1			1.29677	09:36:15	12.9677	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCAD	11:30:00 AM	1			1.29973	12:59:22	12.9973	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCAD	1:30:00 PM	1			1.30136	14:35:41	6506.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCAD	3:30:00 PM	1			1.30005	15:50:59	1300.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCZK	9:30:00 AM	1			21.739	10:14:17	65217	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDJPY	3:30:00 PM	1			109.868	15:42:52	219736	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

11/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDSEK	11:30:00 AM	1			8.7138	13:02:15	87.138	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDSEK	3:30:00 PM	1			8.6665	16:08:35	17333	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDZAR	9:30:00 AM	1			13.0312	10:13:46	65156	Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
11/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









12/06/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#TWTR	3:30:00 PM	1			43.43	21:30:06	217150	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCAD	11:30:00 AM	1			1.41578	13:11:25	2831.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCAD	1:30:00 PM	1			130.64	15:03:38	2612.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

12/06/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDHUF	3:30:00 PM	1			206.14	20:29:13	412280	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDNZD	3:30:00 PM	1			1.08031	21:34:46	5401.55	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDSEK	3:30:00 PM	1			6.5506	20:29:15	32753	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDUSD	9:30:00 AM	1			0.76164	10:51:37	7.6164	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDUSD	11:30:00 AM	1			0.76164	11:41:06	609312	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDUSD	1:30:00 PM	1			0.76743	14:31:50	7.6743	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDUSD	3:30:00 PM	1			0.77098	19:13:08	15.4196	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







12/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURCHF	1:30:00 PM	1			1.00004	14:55:19	1000.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURGBP	9:30:00 AM	1			0.87976	10:22:17	263928	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURGBP	3:30:00 PM	1			0.88265	16:00:18	4413.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURHUF	3:30:00 PM	1			320.13	20:29:19	1600650	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURJPY	9:30:00 AM	1			127.656	09:41:47	638280	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURJPY	1:30:00 PM	1			130.098	15:00:17	650490	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURJPY	3:30:00 PM	1			129.96	15:47:06	649800	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURNZD	3:30:00 PM	1			1.67721	21:48:50	5031.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

12/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURUSD	9:30:00 AM	1			1.24659	10:00:09	12.4659	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURUSD	11:30:00 AM	1			1.17852	13:01:59	11.7852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURUSD	1:30:00 PM	1			1.17832	13:47:02	11.7832	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURUSD	3:30:00 PM	1			107.157	19:11:32	2143.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPCZK	3:30:00 PM	1			29.221	18:08:22	584.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPJPY	9:30:00 AM	1			1.40647	10:00:10	1406.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPJPY	3:30:00 PM	1			130.525	17:23:46	1305.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



12/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPNOK	3:30:00 PM	1			1.2208	21:50:50	1220.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPPLN	9:30:00 AM	1			4.8549	11:26:36	19419.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPPLN	1:30:00 PM	1			4.8518	14:01:44	19407.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPPLN	3:30:00 PM	1			132.149	17:29:50	2642.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPUSD	9:30:00 AM	1			1.33921	09:36:46	6696.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPUSD	11:30:00 AM	1			1.33864	12:57:29	13.3864	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPUSD	1:30:00 PM	1			1.33688	14:12:25	6684.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPUSD	3:30:00 PM	1			1.33922	17:28:30	13.3922	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GOLD	1:30:00 PM	1			1293.7	14:23:14	6468500	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	GOLD	3:30:00 PM	1			1299.54	00:39:36	6497700	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



12/06/2018	NZDUSD	3:30:00 PM	1			1.23937	16:58:01	12.3937	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SEKJPY	3:30:00 PM	1			12.76	20:29:23	63800	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCAD	1:30:00 PM	1			1.30144	13:52:09	6507.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCAD	3:30:00 PM	1	1.29983	1299.83				Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCHF	1:30:00 PM	1			0.98359	15:00:50	4917.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDJPY	9:30:00 AM	1			110.358	10:03:53	551790	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDJPY	11:30:00 AM	1			110.13	11:41:07	550650	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDJPY	1:30:00 PM	1			110.322	14:31:04	551610	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDJPY	3:30:00 PM	1			110.429	20:39:32	1104290	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

12/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDSEK	3:30:00 PM	1			8.6049	16:13:13	17209.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
12/06/2018	ZARJPY	3:30:00 PM	1			8.27	21:55:48	248.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A















13/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADCHF	11:30:00 AM	1			1.28834	13:00:20	12.8834	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADCHF	3:30:00 PM	1			0.75792	20:56:18	189480	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADJPY	3:30:00 PM	1			85.001	16:18:47	425005	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	CADZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



13/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURAUD	1:30:00 PM	1			1.55164	14:21:54	7758.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURAUD	3:30:00 PM	1			1.5523	15:55:07	7761.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURGBP	9:30:00 AM	1			1.41604	10:00:13	28.3208	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURGBP	3:30:00 PM	1			0.88164	16:00:05	4408.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURJPY	11:30:00 AM	1			130.013	11:52:17	650065	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURJPY	3:30:00 PM	1			129.934	16:04:09	20789.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURNZD	11:30:00 AM	1			126.939	12:04:31	2538.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



13/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURPLN	3:30:00 PM	1			1.31047	21:08:01	1310.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURUSD	9:30:00 AM	1			1.35391	10:06:48	13539.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURUSD	11:30:00 AM	1			1.17535	11:52:15	5876.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURUSD	3:30:00 PM	1			1.33761	17:40:14	6688.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	EURZAR	3:30:00 PM	1			1.40874	20:00:03	140.874	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

13/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPJPY	9:30:00 AM	1			147.631	09:42:45	1476.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPJPY	11:30:00 AM	1			147.489	11:55:55	737445	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPNOK	1:30:00 PM	1			10.7106	14:26:31	13388250	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPPLN	11:30:00 AM	1			1.94326	12:24:35	7773.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPPLN	1:30:00 PM	1			4.8521	13:34:24	9704.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPPLN	3:30:00 PM	1			4.8558	20:06:25	9711.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPUSD	9:30:00 AM	1			1.33495	10:00:37	1334.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPUSD	1:30:00 PM	1			1.33376	14:26:59	6668.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPUSD	3:30:00 PM	1			1.16446	16:13:11	46.5784	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	GOLD	3:30:00 PM	1			1298.2	18:36:11	12982	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



13/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDUSD	11:30:00 AM	1			0.703	12:24:43	140600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDUSD	3:30:00 PM	1			0.70377	16:21:30	7.0377	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCAD	1:30:00 PM	1			1.30036	14:50:03	6501.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCAD	3:30:00 PM	1			0.73544	17:46:05	22.0632	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCHF	3:30:00 PM	1			0.98557	15:47:45	4927.85	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



13/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDJPY	9:30:00 AM	1			110.629	11:23:56	553145	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDJPY	11:30:00 AM	1			110.536	12:29:45	110536	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDJPY	1:30:00 PM	1			110.526	14:18:01	110526	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDJPY	3:30:00 PM	1			110.46	18:36:39	2209.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDMXN	3:30:00 PM	1			20.726	21:28:56	103630	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDPLN	3:30:00 PM	1			3.6473	20:38:32	7294.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDSEK	11:30:00 AM	1			8.6114	11:53:58	43057	Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
13/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









14/06/2018	#ORCL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#PFE	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#PFE	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#PFE	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#PFE	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#PG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#PG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#PG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#PG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#T	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#T	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#T	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#T	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TRV	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TRV	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TRV	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TRV	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TWTR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TWTR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TWTR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#TWTR	3:30:00 PM	1			1.60361	16:30:18	6414.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#UTX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#UTX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#UTX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#UTX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#VOD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



14/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDUSD	9:30:00 AM	1			1.33495	10:00:37	1334.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDUSD	1:30:00 PM	1			153.707	15:21:03	3074.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDUSD	3:30:00 PM	1			0.75098	18:09:34	3754.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADJPY	9:30:00 AM	1			84.807	09:36:39	424035	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADJPY	1:30:00 PM	1			84.907	13:41:00	849.07	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADJPY	3:30:00 PM	1			84.5	17:21:45	845	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





14/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURGBP	9:30:00 AM	1			0.87966	10:30:30	263898	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURGBP	11:30:00 AM	1			0.88102	12:24:36	4405.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURGBP	1:30:00 PM	1			0.87863	13:49:33	263589	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURGBP	3:30:00 PM	1			1.23233	16:25:44	12.3233	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURHKD	1:30:00 PM	1			9.3	13:45:38	18600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURHUF	9:30:00 AM	1			321.75	10:38:51	1608750	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURJPY	1:30:00 PM	1			130.176	13:45:21	260352	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURJPY	3:30:00 PM	1			1.30253	15:51:42	6512.65	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

14/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURPLN	9:30:00 AM	1			4.2738	10:38:29	1282140	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURUSD	9:30:00 AM	1			1.18159	09:56:35	5907.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURUSD	1:30:00 PM	1		1.18235	11.8235			Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURUSD	3:30:00 PM	1			1.16653	15:45:06	349959	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURZAR	9:30:00 AM	1			15.5975	09:59:25	77987.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURZAR	11:30:00 AM	1			15.6082	11:52:03	78041	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURZAR	1:30:00 PM	1			15.3888	14:15:29	76944	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	EURZAR	3:30:00 PM	1			1.40854	22:46:43	14.0854	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCHF	1:30:00 PM	1			1.31922	15:13:24	13.1922	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCHF	3:30:00 PM	1			1.32233	15:37:20	13.2233	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

14/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPJPY	9:30:00 AM	1			147.76	10:36:38	738800	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPJPY	1:30:00 PM	1			147.613	13:39:05	1476.13	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPJPY	3:30:00 PM	1			146.852	22:16:47	5874.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPNOK	3:30:00 PM	1			0.86819	16:17:07	868.19	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPPLN	11:30:00 AM	1			4.8559	12:05:39	48.559	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPPLN	1:30:00 PM	1			4.8705	14:06:51	48705	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPUSD	9:30:00 AM	1			1.425	10:30:02	28.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPUSD	11:30:00 AM	1			1.34344	11:52:31	6717.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPUSD	1:30:00 PM	1			81.664	13:35:42	2449.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPUSD	3:30:00 PM	1			1.33327	15:32:21	159.9924	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



14/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GOLD	1:30:00 PM	1			1306.95	14:20:20	1306950	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	GOLD	3:30:00 PM	1			1303.31	19:38:07	390993000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCAD	11:30:00 AM	1			1.22438	11:34:38	3673.14	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCAD	1:30:00 PM	1			1.40285	14:14:55	28.057	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCAD	3:30:00 PM	1			0.91367	18:13:51	9.1367	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDHUF	3:30:00 PM	1			194.46	22:46:29	972300	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



14/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDUSD	1:30:00 PM	1			0.70171	15:26:14	56.1368	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDUSD	3:30:00 PM	1			0.69881	18:40:42	209643	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCAD	9:30:00 AM	1			1.29657	10:38:16	12.9657	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCAD	11:30:00 AM	1			1.29617	12:00:49	6480.85	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCAD	1:30:00 PM	1			1.29944	14:38:46	389832	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCAD	3:30:00 PM	1			1.3004	15:49:24	13004	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCHF	3:30:00 PM	1			131.312	17:48:16	2626.24	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

14/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDJPY	9:30:00 AM	1			109.955	11:27:08	549775	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDJPY	1:30:00 PM	1			110.196	14:30:18	550980	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDJPY	3:30:00 PM	1			110.417	16:16:38	33125100	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDMXN	9:30:00 AM	1			1.17123	10:38:30	5856.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDMXN	3:30:00 PM	1			20.886	22:30:14	208.86	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDZAR	11:30:00 AM	1			13.199	12:19:42	26398	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDZAR	1:30:00 PM	1			13.1275	14:32:10	656.375	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	USDZAR	3:30:00 PM	1			13.4143	20:39:42	67071.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	XAUUSD	1:30:00 PM	1			1308.03	14:21:41	6540150	Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
14/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



15/06/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









15/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDUSD	3:30:00 PM	1			0.74781	00:00:50	3739.05	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADJPY	1:30:00 PM	1			83.962	14:47:27	83962	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADJPY	3:30:00 PM	1			83.904	22:36:09	67123200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





15/06/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCAD	3:30:00 PM	1			1.53393	17:32:57	1227144	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURGBP	9:30:00 AM	1			0.76769	10:00:12	7.6769	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURGBP	11:30:00 AM	1			0.87373	12:10:49	8.7373	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURGBP	1:30:00 PM	1			0.87376	14:47:59	699008	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURGBP	3:30:00 PM	1			0.87547	16:36:41	8.7547	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

15/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURJPY	9:30:00 AM	1			128.299	11:18:37	384897	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURJPY	11:30:00 AM	1			1.1596	12:18:19	11.596	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURJPY	1:30:00 PM	1			132.271	13:42:15	2645.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURJPY	3:30:00 PM	1			128.362	21:39:20	128362	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURUSD	9:30:00 AM	1			1.77626	09:40:02	88.813	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURUSD	11:30:00 AM	1			1.1596	12:18:19	11.596	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURUSD	1:30:00 PM	1			1.1591	14:28:43	927280	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURUSD	3:30:00 PM	1			1.16173	16:48:33	11.6173	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



15/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCHF	11:30:00 AM	1			1.32376	12:23:33	13.2376	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPJPY	9:30:00 AM	1	146.465	146465				Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPJPY	1:30:00 PM	1			132.271	13:42:15	2645.42	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPJPY	3:30:00 PM	1			146.918	19:05:02	1469.18	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



15/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPUSD	9:30:00 AM	1			1.32382	09:45:03	26.4764	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPUSD	11:30:00 AM	1			1.32828	12:00:46	13282.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPUSD	3:30:00 PM	1			1.32855	19:35:03	66.4275	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GOLD	1:30:00 PM	1			1.42327	15:09:42	14.2327	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	GOLD	3:30:00 PM	1			1.22709	16:43:11	24.5418	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

15/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDUSD	11:30:00 AM	1			0.69445	12:30:15	6.9445	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDUSD	3:30:00 PM	1			0.69468	17:22:07	6.9468	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SILVER	9:30:00 AM	1			130.761	09:44:01	2615.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCAD	11:30:00 AM	1			1.31516	12:02:35	65758	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCAD	1:30:00 PM	1			1.28394	14:49:39	12.8394	Continuous Quote Driven	N/A	ELECTRONIC	N/A

15/06/2018	USDCAD	3:30:00 PM	1			0.8717	16:17:44	17.434	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCHF	11:30:00 AM	1			0.99658	11:55:25	747435	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCHF	3:30:00 PM	1			0.99764	15:39:15	9.9764	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDJPY	9:30:00 AM	1			1.83357	09:44:12	18.3357	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDJPY	11:30:00 AM	1			110.687	13:05:03	332061	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDJPY	1:30:00 PM	1			110.537	14:34:43	331611	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDJPY	3:30:00 PM	1			110.658	15:51:11	1106580	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDMXN	3:30:00 PM	1			20.637	18:38:30	412.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDSEK	9:30:00 AM	1			128.03	09:34:57	2560.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDSEK	11:30:00 AM	1			8.7673	12:10:27	8767.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDSEK	1:30:00 PM	1			8.7689	13:57:54	7015120	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDSEK	3:30:00 PM	1			8.7918	17:02:19	7033440	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

15/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	USDZAR	3:30:00 PM	1			13.3841	19:26:29	133841	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	XAUUSD	3:30:00 PM	1			132.926	15:37:26	265852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
15/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A













18/06/2018	AUDJPY	3:30:00 PM	1			82.013	19:21:10	164026	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDUSD	9:30:00 AM	1			0.74402	10:00:42	3720.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDUSD	3:30:00 PM	1			0.74336	16:11:37	2230.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADCHF	1:30:00 PM	1			1.23692	15:25:12	24.7384	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADCHF	3:30:00 PM	1			0.75469	15:38:37	1509.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADHKD	3:30:00 PM	1			5.9495	15:37:57	59.495	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





18/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURGBP	9:30:00 AM	1			1.41604	10:00:13	28.3208	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURGBP	11:30:00 AM	1			1.40215	13:00:21	14.0215	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURGBP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURJPY	9:30:00 AM	1			128.103	10:51:21	1281.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURJPY	11:30:00 AM	1			1.28279	12:00:10	12.8279	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURJPY	1:30:00 PM	1			128.264	14:00:23	256528	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURJPY	3:30:00 PM	1			1.70165	16:10:13	17.0165	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURUSD	9:30:00 AM	1			1.38354	10:30:05	2767.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURUSD	1:30:00 PM	1			130.63	13:34:17	1306.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A



18/06/2018	EURUSD	3:30:00 PM	1			1.16123	16:55:02	2322.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCHF	11:30:00 AM	1	1.32041	25087.79				Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPJPY	9:30:00 AM	1			146.246	10:11:25	731230	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPJPY	1:30:00 PM	1			0.95992	14:15:01	959.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPJPY	3:30:00 PM	1			1322.08	16:14:07	52883.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPNZD	3:30:00 PM	1			1.90579	15:38:53	3811.58	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

18/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPUSD	9:30:00 AM	1			1.39106	10:00:15	2782.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPUSD	11:30:00 AM	1			1.32529	13:00:48	1325.29	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPUSD	1:30:00 PM	1			1.32487	14:15:48	1324.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPUSD	3:30:00 PM	1			1.94532	16:40:02	1945.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	MXNJPY	3:30:00 PM	1			5.33	15:37:59	106600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



18/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCAD	9:30:00 AM	1			1.40833	10:35:11	5633.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCAD	11:30:00 AM	1			1.31746	13:10:05	2634.92	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCAD	1:30:00 PM	1			0.96741	14:53:38	9.6741	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCAD	3:30:00 PM	1			1.31905	15:38:02	6595.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCHF	1:30:00 PM	1			0.99484	14:44:25	9948.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCHF	3:30:00 PM	1			0.99452	17:14:14	1989.04	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDJPY	9:30:00 AM	1			1.60428	10:11:22	1604.28	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDJPY	3:30:00 PM	1			110.51	15:38:06	552550	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDMXN	9:30:00 AM	1			20.741	09:35:21	414.82	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



18/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDSEK	9:30:00 AM	1			8.8507	09:57:09	44253.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDZAR	1:30:00 PM	1			0.95795	15:16:09	957.95	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	USDZAR	3:30:00 PM	1			130.74	15:37:48	2614.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
18/06/2018	ZARJPY	3:30:00 PM	1			8.09	15:38:23	242.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A











19/06/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDUSD	9:30:00 AM	1			0.73782	10:03:14	7.3782	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDUSD	11:30:00 AM	1			1.33494	12:22:41	1334.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	CADCHF	11:30:00 AM	1			0.75095	12:22:48	7.5095	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	CADCHF	3:30:00 PM	1			0.74918	22:03:28	2247.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









19/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURGBP	9:30:00 AM	1			0.87779	09:41:20	8.7779	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURGBP	11:30:00 AM	1			0.87783	12:49:03	8778.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURGBP	1:30:00 PM	1			0.75288	13:42:12	752.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURGBP	3:30:00 PM	1			0.87773	16:00:42	2633.19	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURJPY	9:30:00 AM	1			1.40626	09:32:39	14.0626	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURJPY	11:30:00 AM	1			1346.49	11:43:02	26929.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURJPY	1:30:00 PM	1			126.857	14:00:01	1268570	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURJPY	3:30:00 PM	1			0.74576	15:37:11	7.4576	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

19/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURUSD	9:30:00 AM	1			1.1555	10:55:19	11.555	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURUSD	11:30:00 AM	1			1.1539	11:34:41	2307.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURUSD	1:30:00 PM	1			1.15461	13:54:47	23.0922	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURUSD	3:30:00 PM	1			153.188	16:33:51	3063.76	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPJPY	9:30:00 AM	1			144.641	10:30:18	433923	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPJPY	11:30:00 AM	1			144.441	13:29:38	1444.41	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPJPY	1:30:00 PM	1			107.268	14:40:05	2145.36	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

19/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPPLN	9:30:00 AM	1			1.15388	11:15:06	34.6164	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPUSD	9:30:00 AM	1			130.594	09:47:14	1305.94	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPUSD	11:30:00 AM	1			1.31758	13:00:44	26351.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPUSD	1:30:00 PM	1			1.31631	14:00:36	13163.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPUSD	3:30:00 PM	1			1.31746	15:32:36	13174.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GOLD	11:30:00 AM	1			1279.36	12:01:25	38380800	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GOLD	1:30:00 PM	1			106.288	14:01:08	1062.88	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	GOLD	3:30:00 PM	1			1272.95	16:34:25	3818850	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







19/06/2018	NZDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCAD	1:30:00 PM	1			1.23014	13:58:26	12.3014	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCAD	3:30:00 PM	1			1.32763	17:03:37	39828.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCHF	9:30:00 AM	1			0.99305	10:07:31	2979.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCHF	11:30:00 AM	1			0.99546	12:40:08	9.9546	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCHF	3:30:00 PM	1			1.5744	15:32:22	62.976	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDJPY	9:30:00 AM	1			109.951	11:09:03	549755	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDJPY	11:30:00 AM	1			109.828	12:41:34	219656	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDJPY	1:30:00 PM	1			109.852	14:24:05	109852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDJPY	3:30:00 PM	1			109.98	15:33:58	32994000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

19/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDSEK	11:30:00 AM	1			1.22259	11:38:55	1222.59	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDSEK	1:30:00 PM	1			113.101	14:31:13	1131010	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDSEK	3:30:00 PM	1			8.9467	16:33:40	26840.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
19/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



















20/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURGBP	9:30:00 AM	1			1.60093	11:00:11	16.0093	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURGBP	3:30:00 PM	1			0.87758	18:12:19	1755.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURJPY	9:30:00 AM	1			127.558	09:40:03	3826.74	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURJPY	11:30:00 AM	1	127.394	2547.88				Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURJPY	1:30:00 PM	1			127.503	14:51:05	1275.03	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURJPY	3:30:00 PM	1			127.722	18:05:51	1277.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

20/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURUSD	9:30:00 AM	1			1.31015	09:40:01	13.1015	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURUSD	11:30:00 AM	1	1.15694	5784.7				Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURUSD	3:30:00 PM	1			1.00439	20:37:13	20.0878	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCAD	3:30:00 PM	1			1.75286	23:56:55	17528.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

20/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPUSD	9:30:00 AM	1			132.318	10:12:48	2646.36	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPUSD	1:30:00 PM	1			1.31812	13:34:38	395436	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPUSD	3:30:00 PM	1	1.31871	1318.71				Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GOLD	11:30:00 AM	1			1272.44	12:23:15	3817320	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





20/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDUSD	9:30:00 AM	1			0.68917	10:05:22	137834	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDUSD	3:30:00 PM	1			1.41231	17:38:57	28.2462	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCAD	9:30:00 AM	1			1.33017	09:57:05	13301.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCAD	1:30:00 PM	1			1.33017	14:12:10	13.3017	Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCAD	3:30:00 PM	1	1.32939	1329.39				Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
20/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

















21/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDUSD	11:30:00 AM	1			106.822	13:03:50	2136.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDUSD	1:30:00 PM	1			0.73938	14:48:07	7.3938	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



21/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURGBP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURGBP	11:30:00 AM	1			1.41879	12:43:25	28.3758	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURGBP	1:30:00 PM	1			0.87477	14:48:37	8.7477	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURGBP	3:30:00 PM	1			0.87438	16:12:41	17.4876	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURJPY	9:30:00 AM	1			127.592	10:43:03	19138800	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURJPY	11:30:00 AM	1			127.181	11:59:53	2670801	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURJPY	1:30:00 PM	1	127.558	2551.16				Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURJPY	3:30:00 PM	1			127.603	15:58:12	6380150	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

21/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURUSD	9:30:00 AM	1			0.87411	09:55:14	874.11	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURUSD	11:30:00 AM	1			1.15145	12:07:20	57.5725	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURUSD	1:30:00 PM	1			1.15556	14:35:28	23.1112	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURUSD	3:30:00 PM	1			1.15802	16:08:45	11.5802	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCAD	9:30:00 AM	1			190.35	09:36:45	951750	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCAD	3:30:00 PM	1			1.76486	17:26:16	17.6486	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



21/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPJPY	1:30:00 PM	1			146.013	15:16:32	21901950	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPUSD	9:30:00 AM	1			1.37473	10:50:34	13.7473	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPUSD	11:30:00 AM	1			1.35708	13:00:02	27141.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPUSD	3:30:00 PM	1			1.32614	16:41:38	66.307	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



21/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDUSD	9:30:00 AM	1			0.68392	11:24:59	1367.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDUSD	11:30:00 AM	1			0.68454	12:20:29	1369.08	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDUSD	3:30:00 PM	1			0.68771	19:30:55	206313	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCAD	11:30:00 AM	1			1.3325	12:13:50	399750	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCAD	1:30:00 PM	1			1.33263	13:44:01	199894.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCAD	3:30:00 PM	1			1.33248	15:45:01	13.3248	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

21/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDJPY	9:30:00 AM	1			82.8	09:58:41	828	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDJPY	1:30:00 PM	1			110.456	14:35:03	220912	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDJPY	3:30:00 PM	1			110.073	18:23:42	550365	Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
21/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





22/06/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









22/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDUSD	9:30:00 AM	1			1.28635	10:00:11	64.3175	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDUSD	3:30:00 PM	1			105.659	20:00:13	211318	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADCHF	3:30:00 PM	1			0.74503	21:36:08	74.503	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







22/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURJPY	9:30:00 AM	1	128.519	5140.76				Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURJPY	11:30:00 AM	1			132.739	12:00:31	2654.78	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURJPY	3:30:00 PM	1			128.26	16:12:12	1282.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURUSD	9:30:00 AM	1			0.77549	10:00:14	15.5098	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURUSD	11:30:00 AM	1			129.663	12:04:14	129663	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURUSD	1:30:00 PM	1			1.16454	14:12:46	11.6454	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURUSD	3:30:00 PM	1			1.16525	15:40:52	11652.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

22/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCAD	1:30:00 PM	1			1.35551	14:30:09	135551	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPJPY	9:30:00 AM	1			146.468	10:13:25	732340	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPJPY	11:30:00 AM	1			146.497	11:55:35	1464970	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPJPY	1:30:00 PM	1			146.416	13:57:05	1464160	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPPLN	9:30:00 AM	1			1.40425	10:43:49	28.085	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPPLN	1:30:00 PM	1			4.9148	13:58:27	393.184	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

22/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPUSD	9:30:00 AM	1			1.32988	10:27:21	53.1952	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPUSD	11:30:00 AM	1			131.932	12:04:04	1319.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPUSD	3:30:00 PM	1			0.86463	16:27:12	172.926	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GOLD	1:30:00 PM	1			1.22416	14:25:52	0	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	GOLD	3:30:00 PM	1			0.88265	16:00:18	4413.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





22/06/2018	USDCAD	3:30:00 PM	1			1.33367	16:31:34	13336.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDCHF	11:30:00 AM	1			0.99059	12:15:13	9905.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDCHF	1:30:00 PM	1			1.23618	14:24:34	24.7236	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDCHF	3:30:00 PM	1			0.9888	19:26:11	4944	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDJPY	9:30:00 AM	1			1.35301	10:13:09	13530.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDJPY	11:30:00 AM	1			127.181	11:59:53	2670801	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDSEK	11:30:00 AM	1			8.8421	13:06:29	26526.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDSEK	1:30:00 PM	1			8.8428	13:50:27	26528.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

22/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	XAUUSD	3:30:00 PM	1			1269.06	20:32:29	380718000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
22/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BABA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BABA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BABA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BAC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BAC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BAC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BAC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BARC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BARC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#BARC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A









25/06/2018	#VOD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#VOD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#VOD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#VZ	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#VZ	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#VZ	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#VZ	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#WFC	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#WFC	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#WFC	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#WFC	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#WMT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#WMT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#WMT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#WMT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#XOM	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#XOM	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#XOM	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#XOM	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#YHOO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#YHOO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#YHOO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	#YHOO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCHF	9:30:00 AM	1			0.73329	09:35:47	7.3329	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCHF	3:30:00 PM	1			0.7315	16:09:44	7.315	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/06/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDNZD	3:30:00 PM	1			1.07336	18:27:52	12880.32	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDUSD	3:30:00 PM	1			0.7417	15:42:07	741.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADCHF	3:30:00 PM	1			0.74215	17:10:32	742.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





25/06/2018	CHFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CZKJPY	9:30:00 AM	1			1.23653	10:49:45	24.7306	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURAUD	3:30:00 PM	1			1.57938	17:38:26	1579.38	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCAD	9:30:00 AM	1			1.54835	11:22:58	1548.35	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCAD	1:30:00 PM	1			1.55344	13:56:18	1553.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCHF	3:30:00 PM	1			1.15337	16:04:12	1153.37	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURGBP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURGBP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURGBP	3:30:00 PM	1			0.88099	16:47:09	8.8099	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURJPY	9:30:00 AM	1			1.41678	10:08:06	14.1678	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURJPY	11:30:00 AM	1			127.831	13:11:37	2556.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURJPY	1:30:00 PM	1			0.875	14:01:38	875	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURJPY	3:30:00 PM	1			128.158	15:34:16	640790	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURMXN	1:30:00 PM	1			23.4442	14:28:05	468.884	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURMXN	3:30:00 PM	1			23.3918	20:30:23	70175.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURUSD	9:30:00 AM	1			1.16381	09:53:31	11638.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURUSD	11:30:00 AM	1			1.16702	13:13:00	58.351	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURUSD	1:30:00 PM	1			1.16842	13:44:17	11684.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/06/2018	EURUSD	3:30:00 PM	1	1.1689	1168.9				Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCHF	1:30:00 PM	1			1.31136	14:30:55	26.2272	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCHF	3:30:00 PM	1			108.173	20:31:05	216346	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPJPY	3:30:00 PM	1			145.493	16:29:31	145493	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



25/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPUSD	9:30:00 AM	1			1.32415	09:39:13	13.2415	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPUSD	11:30:00 AM	1			1.32324	12:49:15	13232.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPUSD	1:30:00 PM	1			1.3273	13:35:34	13.273	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPUSD	3:30:00 PM	1			1.3411	22:00:15	1341.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GOLD	9:30:00 AM	1			130.933	10:38:32	2618.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GOLD	11:30:00 AM	1			1267.68	12:35:16	1267680	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	GOLD	3:30:00 PM	1			1271.59	00:14:11	12715900	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCAD	3:30:00 PM	1			0.9171	20:26:22	4585.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





25/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCAD	9:30:00 AM	1			1.23214	10:00:08	12.3214	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCAD	11:30:00 AM	1			1.33087	12:18:05	1330.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCAD	3:30:00 PM	1			1.32901	23:49:49	199351.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCHF	3:30:00 PM	1			0.98625	19:29:47	986.25	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDCZK	3:30:00 PM	1			22.141	19:50:33	22141	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDJPY	9:30:00 AM	1			1.41678	10:08:06	14.1678	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDJPY	11:30:00 AM	1			109.497	12:30:48	328491	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

25/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDSEK	1:30:00 PM	1			8.8879	15:16:05	8887.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDSEK	3:30:00 PM	1			8.8681	19:49:51	8868.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
25/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AAPL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AAPL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AAPL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AIG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AIG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AIG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AIG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AMZN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AMZN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AMZN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AMZN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AXP	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AXP	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AXP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#AXP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#BA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#BA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#BA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#BA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	#BABA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A













26/06/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDUSD	9:30:00 AM	1			0.74056	09:53:33	740.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDUSD	1:30:00 PM	1			0.73978	14:00:18	7.3978	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDUSD	3:30:00 PM	1			0.73893	16:26:20	7.3893	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	CADCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	CADCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	CADCHF	3:30:00 PM	1			0.68493	16:43:37	6.8493	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







26/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURGBP	9:30:00 AM	1			0.88062	09:41:41	880.62	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURGBP	11:30:00 AM	1			0.8819	11:35:03	881.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURGBP	3:30:00 PM	1			1.2321	16:00:20	24.642	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURJPY	9:30:00 AM	1			1.16381	09:53:31	11638.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURJPY	11:30:00 AM	1			127.883	11:40:05	127883	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURJPY	3:30:00 PM	1	128.056	7683.36				Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURNZD	9:30:00 AM	1			1.41818	11:05:30	28.3636	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURNZD	1:30:00 PM	1			1.70022	15:01:20	1700.22	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURUSD	9:30:00 AM	1			1.16857	10:01:01	1168.57	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURUSD	11:30:00 AM	1			1.16541	11:35:43	58270.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURUSD	1:30:00 PM	1			1.40484	14:00:21	28.0968	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURUSD	3:30:00 PM	1			1.2956	15:43:58	1295.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPAUD	11:30:00 AM	1			1.7877	11:34:40	1787.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPAUD	3:30:00 PM	1			1.79071	00:08:00	1790.71	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCHF	11:30:00 AM	1			1.30888	12:35:26	6544.4	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPNZD	1:30:00 PM	1			1.66302	15:06:08	332.604	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPNZD	3:30:00 PM	1			109.266	15:34:18	1092.66	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPUUSD	9:30:00 AM	1			1.32823	09:36:01	1328.23	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPUUSD	11:30:00 AM	1			1.32301	11:33:18	1323.01	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPUUSD	1:30:00 PM	1			1.32476	14:23:57	6623.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPUUSD	3:30:00 PM	1			1.32294	16:23:44	6614.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GOLD	9:30:00 AM	1			1261.63	09:48:03	378489000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GOLD	11:30:00 AM	1			1.23271	12:07:33	24.6542	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GOLD	1:30:00 PM	1			1256.76	14:49:49	75405600	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	GOLD	3:30:00 PM	1			1260.86	18:37:31	315215000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



26/06/2018	NZDUSD	3:30:00 PM	1			0.68493	16:43:37	6.8493	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCAD	3:30:00 PM	1			1.32906	00:54:11	199359	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCHF	9:30:00 AM	1			0.98837	10:06:59	988.37	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCHF	1:30:00 PM	1			0.9886	13:37:56	2965.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCHF	3:30:00 PM	1			0.98896	15:36:16	49448	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCZK	9:30:00 AM	1			22.178	10:35:27	22178	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDJPY	3:30:00 PM	1			110.12	19:10:32	1101200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
26/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

















27/06/2018	AUDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDJPY	3:30:00 PM	1			0.67887	21:07:44	678.87	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDUSD	9:30:00 AM	1			0.73714	10:32:48	22.1142	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDUSD	1:30:00 PM	1			0.74016	13:51:15	222048	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDUSD	3:30:00 PM	1			0.73476	21:11:45	22042.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A







27/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURAUD	9:30:00 AM	1			1.57951	09:43:21	236926.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURAUD	3:30:00 PM	1			1.57242	18:00:34	3144.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCHF	3:30:00 PM	1			1.15215	20:29:01	11.5215	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURGBP	9:30:00 AM	1			1.40647	10:00:10	1406.47	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURGBP	11:30:00 AM	1			107.26	12:01:12	107260	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURGBP	3:30:00 PM	1			0.86426	16:00:14	17.2852	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURJPY	9:30:00 AM	1			127.927	09:43:35	1279270	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURJPY	1:30:00 PM	1			131.712	13:51:28	1317.12	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURJPY	3:30:00 PM	1			132.975	15:49:16	1329.75	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURNZD	9:30:00 AM	1			1.7088	09:43:26	256320	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



27/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURUSD	9:30:00 AM	1			1.1976	11:02:48	11976	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURUSD	1:30:00 PM	1			1.16113	13:37:27	11.6113	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURUSD	3:30:00 PM	1			1.18841	15:49:09	11.8841	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCHF	9:30:00 AM	1			1.30772	09:56:54	196158	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCHF	1:30:00 PM	1			1.307	14:54:06	13070	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCHF	3:30:00 PM	1			1.3084	15:39:19	13084	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

27/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPJPY	11:30:00 AM	1			132.725	12:00:21	2654.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPUSD	9:30:00 AM	1			1.27581	09:43:30	12.7581	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPUSD	11:30:00 AM	1			1.31779	13:19:56	13.1779	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPUSD	3:30:00 PM	1			1.3114	23:00:34	65.57	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GOLD	9:30:00 AM	1			1256.51	10:38:15	12565100	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GOLD	1:30:00 PM	1			1258.04	14:01:46	37741.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	GOLD	3:30:00 PM	1			1255.12	15:58:37	12551200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





27/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDUSD	9:30:00 AM	1			0.681	10:42:49	34050	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDUSD	1:30:00 PM	1			1.23417	14:00:27	12.3417	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDUSD	3:30:00 PM	1			0.67956	17:23:38	679.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCAD	3:30:00 PM	1			1.328	16:32:23	199200	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCHF	1:30:00 PM	1			0.99303	15:01:14	29790.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCHF	3:30:00 PM	1			1.2377	15:42:53	24.754	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCZK	11:30:00 AM	1			106.19	13:00:08	21238	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



27/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDJPY	9:30:00 AM	1			109.852	10:26:17	2197040	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDJPY	1:30:00 PM	1			1.59532	13:40:11	15.9532	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDJPY	3:30:00 PM	1			110.408	15:49:11	1104080	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDSEK	9:30:00 AM	1			8.9286	10:54:54	267.858	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDSEK	3:30:00 PM	1			152.079	17:25:00	1520.79	Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
27/06/2018	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AA	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AAL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AAL	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AAL	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AAL	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	#AAPL	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A













28/06/2018	AUDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDUSD	9:30:00 AM	1			1.21903	09:39:08	12.1903	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDUSD	1:30:00 PM	1			0.73454	14:58:51	734.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDUSD	3:30:00 PM	1			0.73496	16:21:14	734.96	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	AUDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADCHF	11:30:00 AM	1			0.75074	12:26:19	7.5074	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADCHF	1:30:00 PM	1			127.859	14:57:54	1278590	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CADSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





28/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURAUD	9:30:00 AM	1			1.57422	09:48:15	3148.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURGBP	9:30:00 AM	1			0.88313	10:00:31	44156.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURGBP	11:30:00 AM	1			0.88474	13:00:31	176.948	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURGBP	1:30:00 PM	1			4.8418	14:43:03	24209	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURGBP	3:30:00 PM	1			0.86482	20:00:27	8.6482	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURJPY	9:30:00 AM	1			127.577	09:38:01	1275.77	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURJPY	11:30:00 AM	1			127.623	12:31:13	1276.23	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURJPY	1:30:00 PM	1			127.624	13:45:13	2552.48	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURJPY	3:30:00 PM	1			127.53	15:36:02	127530	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

28/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURNZD	11:30:00 AM	1			1.71243	12:58:21	34.2486	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURUSD	9:30:00 AM	1			1.15571	09:48:45	11557.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURUSD	11:30:00 AM	1			1.15525	11:39:05	11.5525	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURUSD	1:30:00 PM	1			1.15781	13:43:00	11578.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURUSD	3:30:00 PM	1			1.1584	16:06:26	34.752	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

28/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPJPY	1:30:00 PM	1			143.923	14:58:15	143923	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPJPY	3:30:00 PM	1			144.376	16:03:08	144376	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPUSD	9:30:00 AM	1			1.30968	09:40:17	13096.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPUSD	11:30:00 AM	1			1.31035	11:55:23	65.5175	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPUSD	3:30:00 PM	1			1.30953	16:07:50	1322.6253	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A





28/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDUSD	9:30:00 AM	1			0.67525	10:38:45	1350.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDUSD	11:30:00 AM	1			0.67709	12:36:41	6.7709	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDUSD	1:30:00 PM	1			0.67632	13:37:23	135.264	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDUSD	3:30:00 PM	1			0.67614	16:21:43	6.7614	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCAD	11:30:00 AM	1			1.33348	11:38:49	13.3348	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCAD	3:30:00 PM	1			8.6665	16:08:35	17333	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCHF	3:30:00 PM	1			0.99774	17:32:06	4988.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDCZK	3:30:00 PM	1			22.416	16:03:15	22640.16	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

28/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDJPY	3:30:00 PM	1			110.299	16:32:12	22059.8	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDSEK	3:30:00 PM	1			9.0107	18:41:57	90.107	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	USDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	XAUUSD	3:30:00 PM	1			1249.43	17:48:02	12494.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
28/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



29/06/2018	#BTA	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#BTA	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#BTA	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#C	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#C	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#C	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#C	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CAT	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CAT	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CAT	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CAT	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CSCO	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CSCO	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CSCO	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CSCO	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CVX	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CVX	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CVX	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#CVX	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#DD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#DD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#DD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#DD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#DIS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#DIS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#DIS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#DIS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#EBAY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#EBAY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#EBAY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#EBAY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#FB	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#FB	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#FB	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#FB	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GEN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GEN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GEN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GEN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GOOG	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GOOG	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GOOG	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GOOG	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GS	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GS	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GS	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GS	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GSK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GSK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	#GSK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

















29/06/2018	CHFPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CHFZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CZKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CZKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CZKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	CZKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	DKKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	DKKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	DKKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	DKKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURAUD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCAD	9:30:00 AM	1			1.53872	10:33:24	15.3872	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCAD	11:30:00 AM	1			1.54394	13:22:53	15.4394	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURGBP	9:30:00 AM	1			1.82754	10:30:10	36.5508	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURGBP	11:30:00 AM	1			0.88656	13:06:48	8.8656	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURGBP	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURGBP	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

29/06/2018	EURHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURJPY	9:30:00 AM	1			1257.75	10:02:55	377325000	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURJPY	11:30:00 AM	1			128.877	12:01:21	1288.77	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURJPY	1:30:00 PM	1			128.817	15:00:26	1288.17	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURJPY	3:30:00 PM	1			128.922	15:49:42	2578.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURNZD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURNZD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURUSD	9:30:00 AM	1			1.163	09:42:39	11.63	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURUSD	11:30:00 AM	1			1.1647	11:41:47	1164.7	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURUSD	1:30:00 PM	1			1.16554	13:50:16	11.6554	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURUSD	3:30:00 PM	1			1.22967	15:34:28	24.5934	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	EURZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPAUD	9:30:00 AM	1			1.77502	09:53:29	17.7502	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPAUD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPAUD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPAUD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCAD	9:30:00 AM	1			1.17123	10:38:30	5856.15	Continuous Quote Driven	N/A	ELECTRONIC	N/A



29/06/2018	GBPCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCHF	3:30:00 PM	1			1.31061	17:34:23	13106.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPJPY	9:30:00 AM	1			1.18465	10:30:09	59232.5	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPJPY	11:30:00 AM	1			145.529	12:21:40	1455.29	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPJPY	3:30:00 PM	1			1335.8	16:49:34	13358	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPNZD	9:30:00 AM	1			1.39321	10:30:08	13.9321	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPNZD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPNZD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPNZD	3:30:00 PM	1			1.94998	17:08:01	1949.98	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A



29/06/2018	GBPSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPUSD	9:30:00 AM	1			1.31228	09:47:05	2624.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPUSD	1:30:00 PM	1			1.31543	13:52:51	13154.3	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GBPZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GOLD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GOLD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GOLD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	GOLD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	HKDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	HKDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	HKDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	HKDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	HUFJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	HUFJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	HUFJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	HUFJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	MXNJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	MXNJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	MXNJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	MXNJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NOKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NOKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NOKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NOKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCAD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCAD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCAD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A

29/06/2018	NZDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDSEK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDSEK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDSEK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDUSD	9:30:00 AM	1			1.40624	09:32:36	84.3744	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDUSD	11:30:00 AM	1			0.67531	13:01:57	675.31	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDUSD	1:30:00 PM	1			0.87758	13:42:47	4387.9	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDUSD	3:30:00 PM	1			1.42239	16:07:05	28.4478	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDZAR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDZAR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDZAR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	NZDZAR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SEKJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SEKJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SEKJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SEKJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SGDJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SGDJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SGDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SGDJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SILVER	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SILVER	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SILVER	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	SILVER	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCAD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCAD	11:30:00 AM	1			130.356	12:00:43	1303.56	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCAD	1:30:00 PM	1			1.32483	14:30:13	52993.2	Continuous Quote Driven	N/A	ELECTRONIC	N/A

29/06/2018	USDCAD	3:30:00 PM	1			1.31974	16:06:14	52789.6	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCHF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCHF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCHF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCHF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCZK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCZK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCZK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDCZK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDDKK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDDKK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDDKK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDDKK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDHKD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDHKD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDHKD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDHKD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDHUF	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDHUF	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDHUF	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDHUF	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDJPY	9:30:00 AM	1			110.727	10:47:24	2214.54	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDJPY	11:30:00 AM	1			110.684	11:42:26	1106.84	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDJPY	3:30:00 PM	1			1.18148	16:08:06	3544.44	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDMXN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDMXN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDMXN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDMXN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDNOK	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDNOK	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDNOK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDNOK	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDPLN	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDPLN	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDPLN	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDPLN	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDRUR	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDRUR	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDRUR	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDRUR	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDSEK	9:30:00 AM	1			8.9491	09:32:50	357964	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDSEK	11:30:00 AM	1			128.515	12:30:03	642575	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDSEK	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDSEK	3:30:00 PM	1			8.9661	16:52:43	8966.1	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDSGD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDSGD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDSGD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDSGD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDZAR	9:30:00 AM	1			13.7292	10:14:29	137.292	Continuous Quote Driven	N/A	ELECTRONIC	N/A

29/06/2018	USDZAR	11:30:00 AM	1			1.30969	12:03:07	1309.69	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDZAR	1:30:00 PM	1			1.55646	13:43:47	1556.46	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	USDZAR	3:30:00 PM	1			13.7962	15:46:19	137.962	Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	XAUUSD	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	XAUUSD	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	XAUUSD	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	XAUUSD	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	ZARJPY	9:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	ZARJPY	11:30:00 AM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
29/06/2018	ZARJPY	1:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A
2018-06-29	ZARJPY	3:30:00 PM	1						Continuous Quote Driven	N/A	ELECTRONIC	N/A