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CURRENCY DERIVATIVES

CURRENCY DERIVATIVES DAILY MTM REPORT

DAILY SUMMARY FOR: 30/11/2018

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 30/11/2018 Foreign Exchange Future			13.78200		13.63260			0.0000	20,287,104.00	1,472	0
\$ / R On 03/12/2018 Foreign Exchange Future			13.78360		13.63260			0.0000	0.00	0	0
\$ / R On 05/12/2018 Foreign Exchange Future			13.78360		13.63100			0.0000	0.00	0	0
\$ / R On 06/12/2018 Foreign Exchange Future			13.78530		13.63270			0.0000	0.00	0	0
\$ / R On 07/12/2018 Foreign Exchange Future			13.78690		13.63430			0.0000	0.00	0	500
\$ / R On 11/12/2018 Foreign Exchange Future			13.79340		13.64090			0.0000	0.00	0	0
\$ / R On 12/12/2018 Foreign Exchange Future			13.79500		13.64260			0.0000	0.00	0	3,672
\$ / R On 14/12/2018 Foreign Exchange Future			13.79830		13.64580			0.0000	568,476,161.70	41,199	729,611
\$ / R On 20/12/2018 Foreign Exchange Future			13.80820		13.65550			0.0000	0.00	0	0
\$ / R On 21/12/2018 Foreign Exchange Future			13.80980		13.65710			0.0000	0.00	0	0
\$ / R On 31/12/2018 Foreign Exchange Future			13.82630		13.67330			0.0000	0.00	0	1,760
\$ / R On 02/01/2019 Foreign Exchange Future			13.82960		13.67660			0.0000	0.00	0	55
\$ / R On 03/01/2019 Foreign Exchange Future			13.83130		13.67820			0.0000	0.00	0	0
\$ / R On 07/01/2019 Foreign Exchange Future			13.83790		13.68480			0.0000	0.00	0	0
\$ / R On 15/01/2019 Foreign Exchange Future			13.85130		13.69790			0.0000	0.00	0	150
\$ / R On 16/01/2019 Foreign Exchange Future			13.85300		13.69960			0.0000	0.00	0	20
\$ / R On 18/01/2019 Foreign Exchange Future			13.85630		13.70290			0.0000	0.00	0	0
\$ / R On 25/01/2019 Foreign Exchange Future			13.86800		13.71440			0.0000	0.00	0	51
\$ / R On 30/01/2019 Foreign Exchange Future			13.87640		13.72260			0.0000	0.00	0	55
\$ / R On 31/01/2019 Foreign Exchange Future			13.87800		13.72430			0.0000	0.00	0	1,249
\$ / R On 13/02/2019 Foreign Exchange Future			13.90010		13.74620			0.0000	0.00	0	70

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	15/02/2019	Foreign Exchange Future			13.90360		13.74960			0.0000	0.00	0	6
\$ / R	On	25/02/2019	Foreign Exchange Future			13.92070		13.76650			0.0000	0.00	0	15
\$ / R	On	28/02/2019	Foreign Exchange Future			13.92580		13.77160			0.0000	0.00	0	4,705
\$ / R	On	05/03/2019	Foreign Exchange Future			13.93440		13.78010			0.0000	0.00	0	80
\$ / R	On	18/03/2019	Foreign Exchange Future			13.95700		13.80240			0.0000	94,530,761.00	6,773	65,061
\$ / R	On	27/03/2019	Foreign Exchange Future			13.97260		13.81780			0.0000	0.00	0	3,731
\$ / R	On	29/03/2019	Foreign Exchange Future			13.97610		13.82120			0.0000	0.00	0	4,356
\$ / R	On	02/04/2019	Foreign Exchange Future			13.98300		13.82800			0.0000	0.00	0	55
\$ / R	On	05/04/2019	Foreign Exchange Future			13.98820		13.96510			0.0000	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Future			14.02470		13.86900			0.0000	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Future			14.03160		13.87590			0.0000	0.00	0	1,280
\$ / R	On	31/05/2019	Foreign Exchange Future			14.08540		13.92890			0.0000	0.00	0	55
\$ / R	On	03/06/2019	Foreign Exchange Future			14.09060		13.93400			0.0000	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Future			14.10970		13.95290			0.0000	2,694,952.70	191	18,736
\$ / R	On	20/06/2019	Foreign Exchange Future			14.12010		13.96320			0.0000	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Future			14.13400		13.97690			0.0000	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Future			14.13920		13.98200			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			14.14270		13.98550			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			14.19130		14.03350			0.0000	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Future			14.19300		14.03520			0.0000	0.00	0	55
\$ / R	On	13/08/2019	Foreign Exchange Future			14.21380		14.05580			0.0000	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Future			14.24330		14.08500			0.0000	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Future			14.24850		14.09010			0.0000	0.00	0	55
\$ / R	On	05/09/2019	Foreign Exchange Future			14.25370		14.09530			0.0000	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Future			14.27310		14.11450			0.0000	0.00	0	14,099
\$ / R	On	30/09/2019	Foreign Exchange Future			14.29770		14.13890			0.0000	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Future			14.30130		14.14230			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			14.35230		14.19290			0.0000	0.00	0	55
\$ / R	On	29/11/2019	Foreign Exchange Future			14.40330		14.24340			0.0000	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Future			14.40860		14.24860			0.0000	0.00	0	55
\$ / R	On	13/12/2019	Foreign Exchange Future			14.42910		14.26910			0.0000	0.00	0	9,600
\$ / R	On	31/12/2019	Foreign Exchange Future			14.46310		14.30270			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			14.46690		14.30640			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			14.52170		14.36060			0.0000	0.00	0	55
\$ / R	On	02/03/2020	Foreign Exchange Future			14.58020		14.41850			0.0000	0.00	0	55
\$ / R	On	16/03/2020	Foreign Exchange Future			14.60670		14.44470			0.0000	0.00	0	3,966
\$ / R	On	02/04/2020	Foreign Exchange Future			14.63880		14.47650			0.0000	0.00	0	55
\$ / R	On	29/04/2020	Foreign Exchange Future			14.68980		14.52690			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			14.75400		14.59040			0.0000	0.00	0	1,055
\$ / R	On	12/06/2020	Foreign Exchange Future			14.77290		14.60910			0.0000	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Future			14.85980		14.69510			0.0000	0.00	0	84,000
\$ / R	On	14/09/2020	Foreign Exchange Future			14.95050		14.78480			0.0000	0.00	0	0
Total \$ / R Future												685,988,979.40	49,635	948,598
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Put			178.32170	18.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Call			10.92170	0.000	11.14	0.0000	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Call			632.65450	782.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Put			0.05450	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Put			448.13580	298.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Call			0.00000	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.80	Put			1,167.42040	1,018.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.80	Call			0.02040	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.85	Put			224.08040	68.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.30	Put			667.51290	518.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.30	Call			0.11290	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Put			3,677.40000	3,528.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Call			0.00000	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Put			3,067.40000	2,918.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Call			0.73580	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Call			0.16860	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Put			617.56860	468.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Put			1,187.41960	1,038.000	11.14	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Call			0.01960	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.85	Call			6.68040	0.000	11.14	0.0000	0.00	0	0
\$ / R	On	03/12/2018	Foreign Exchange Option	13.90	Put			288.88340	141.646	13.63	0.7500	0.00	0	0
\$ / R	On	03/12/2018	Foreign Exchange Option	13.90	Call			21.48340	25.246	13.63	0.2500	0.00	0	0
\$ / R	On	05/12/2018	Foreign Exchange Option	15.45	Put			1,819.16280	1,666.535	31.30	0.9990	0.00	0	23,000
\$ / R	On	05/12/2018	Foreign Exchange Option	15.45	Call			0.16280	0.135	31.30	0.0010	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	13.75	Call			78.50760	134.023	16.40	0.5527	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	13.75	Put			195.80760	98.723	16.40	0.4473	0.00	0	65,000
\$ / R	On	06/12/2018	Foreign Exchange Option	13.90	Call			42.74060	70.569	16.84	0.3546	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	13.90	Put			310.04060	185.270	16.84	0.6454	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	15.30	Put			1,667.58410	1,515.133	29.18	0.9972	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	15.30	Call			0.28410	0.433	29.18	0.0028	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.90	Call			1.02940	1.330	25.43	0.0089	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.90	Put			1,268.32940	1,116.030	25.43	0.9911	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	14.30	Call			7.68730	12.028	19.87	0.0769	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.30	Put			674.98730	526.728	19.87	0.9231	0.00	0	30,000
\$ / R	On	07/12/2018	Foreign Exchange Option	14.50	Put			869.93740	719.821	20.89	0.9581	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	14.50	Call			4.23740	6.721	20.89	0.0419	0.00	0	125
\$ / R	On	07/12/2018	Foreign Exchange Option	14.07	Put			459.75940	325.046	18.24	0.7858	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	13.75	Put			203.51450	110.404	16.83	0.4496	0.00	0	125
\$ / R	On	07/12/2018	Foreign Exchange Option	14.07	Call			24.05940	41.946	18.24	0.2142	0.00	0	125
\$ / R	On	07/12/2018	Foreign Exchange Option	14.65	Put			1,018.37670	867.079	22.21	0.9749	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	14.65	Call			2.67670	3.979	22.21	0.0251	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	13.50	Call			215.24950	325.085	18.07	0.8032	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	13.50	Put			80.94950	38.186	18.07	0.1968	0.00	0	25,000
\$ / R	On	07/12/2018	Foreign Exchange Option	13.75	Call			87.81450	147.304	16.83	0.5504	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Call			81.24880	125.785	16.38	0.4383	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Put			300.34880	192.385	16.38	0.5617	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Put			1,440.86060	1,288.924	22.71	0.9875	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Call			1.76060	2.323	22.71	0.0125	0.00	0	7,500

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Put			164.89870	94.209	16.36	0.3512	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Call			155.79870	237.609	16.36	0.6488	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Put			2,049.49480	1,897.058	26.21	0.9975	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Call			0.39480	0.458	26.21	0.0025	0.00	0	20,000
\$ / R	On	12/12/2018	Foreign Exchange Option	14.89	Put			1,250.96730	1,099.771	21.15	0.9757	0.00	0	0
\$ / R	On	12/12/2018	Foreign Exchange Option	14.89	Call			3.56730	4.771	21.15	0.0243	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.68	Put			201.81850	123.243	16.41	0.3882	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Call			49.88950	73.409	17.71	0.2588	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Put			524.08950	395.109	17.71	0.7412	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	16.80	Put			3,154.38120	3,001.900	31.76	0.9991	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.80	Call			0.18120	0.199	31.76	0.0009	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	16.24	Put			2,594.56870	2,442.102	28.37	0.9982	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.24	Call			0.36870	0.402	28.37	0.0018	0.00	0	750
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Put			2,464.64540	2,312.193	27.61	0.9977	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Call			0.44540	0.493	27.61	0.0023	0.00	0	38,250
\$ / R	On	14/12/2018	Foreign Exchange Option	16.20	Put			2,554.59030	2,402.128	28.14	0.9980	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.20	Call			0.39030	0.428	28.14	0.0020	0.00	0	2,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.25	Call			2.11200	2.640	22.60	0.0126	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.25	Put			1,606.31200	1,454.340	22.60	0.9874	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.74	Call			7.88670	11.131	20.20	0.0496	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.74	Put			1,102.08670	952.831	20.20	0.9504	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	15.30	Call			1.89890	2.354	22.89	0.0112	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.30	Put			1,656.09890	1,504.054	22.89	0.9888	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.90	Call			4.94480	6.956	20.93	0.0319	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.90	Put			1,259.14480	1,108.656	20.93	0.9681	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.84	Call			0.68390	0.783	26.04	0.0037	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.84	Put			2,194.88390	2,042.483	26.04	0.9963	0.00	0	2,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.90	Call			93.55870	136.501	16.90	0.4187	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.90	Put			347.75870	238.201	16.90	0.5813	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.51	Call			15.57870	22.121	19.15	0.0930	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.51	Put			879.77870	733.821	19.15	0.9070	0.00	0	3,388
\$ / R	On	14/12/2018	Foreign Exchange Option	14.39	Call			22.25470	32.267	18.70	0.1296	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.39	Put			766.45470	623.967	18.70	0.8704	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.85	Put			1,209.91680	1,059.749	20.70	0.9634	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.85	Call			5.71680	8.049	20.70	0.0366	0.00	0	50,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.40	Put			775.80360	632.970	18.74	0.8739	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.40	Call			21.60360	31.270	18.74	0.1261	0.00	0	100,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.30	Call			29.16050	42.680	18.37	0.1648	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.30	Put			683.36050	544.380	18.37	0.8352	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	16.50	Put			2,854.46000	2,701.977	29.89	0.9988	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.50	Call			0.26000	0.277	29.89	0.0012	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.82	Put			1,180.43910	1,030.490	20.57	0.9602	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.82	Call			6.23910	8.790	20.57	0.0398	0.00	0	250
\$ / R	On	14/12/2018	Foreign Exchange Option	15.60	Put			1,955.24690	1,802.940	24.64	0.9941	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.60	Call			1.04690	1.240	24.64	0.0059	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Call			3.07980	4.149	21.76	0.0195	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Put			1,437.27980	1,285.849	21.76	0.9805	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Call			3.01030	4.033	21.80	0.0190	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Put			1,447.21030	1,295.733	21.80	0.9810	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Call			3.15130	4.268	21.71	0.0201	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Put			1,427.35130	1,275.968	21.71	0.9799	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Call			694.89350	843.702	17.14	0.9702	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Put			9.09350	5.402	17.14	0.0298	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Put			2,304.77080	2,152.345	26.68	0.9970	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Call			0.57080	0.645	26.68	0.0030	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Put			2.93060	1.809	21.57	0.0091	0.00	0	26,400
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Call			1,148.73060	1,300.109	21.57	0.9909	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Call			2,005.99490	2,158.409	26.87	0.9994	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Put			0.19490	0.109	26.87	0.0006	0.00	0	2,764
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Put			3,594.31590	3,441.837	34.54	0.9994	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Call			0.11590	0.137	34.54	0.0006	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Put			11.62990	6.024	16.76	0.0334	0.00	0	89,580
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Call			657.42990	804.324	16.76	0.9666	0.00	0	6,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			34.21460	14.610	15.90	0.0750	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			480.01460	612.910	15.90	0.9250	0.00	0	7,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Put			1,249.29010	1,098.862	20.89	0.9672	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Call			5.09010	7.162	20.89	0.0328	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Call			1,268.10440	1,419.672	22.64	0.9932	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Put			2.30440	1.372	22.64	0.0068	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Put			385.57710	270.838	17.08	0.6217	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Call			81.37710	119.138	17.08	0.3783	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Put			276.97030	179.106	16.53	0.4951	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Call			122.77030	177.406	16.53	0.5049	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Put			424.82820	305.366	17.27	0.6599	0.00	0	53,250
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Call			70.62820	103.666	17.27	0.3401	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Put			43.22920	19.303	15.95	0.0945	0.00	0	17,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Call			439.02920	567.603	15.95	0.9055	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Put			1,357.90920	1,206.911	21.39	0.9757	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Call			3.70920	5.211	21.39	0.0243	0.00	0	101,333
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Put			115.92230	63.166	16.21	0.2407	0.00	0	29,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Call			261.72230	361.466	16.21	0.7593	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Put			1,200.08560	1,049.989	20.66	0.9623	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Call			5.88560	8.289	20.66	0.0377	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Call			1,019.67370	1,170.701	20.32	0.9876	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Put			3.87370	2.401	20.32	0.0124	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Call			1,746.28510	1,898.564	25.39	0.9987	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Put			0.48510	0.264	25.39	0.0013	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Call			566.35700	706.301	15.79	0.9549	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Put			20.55700	8.001	15.79	0.0451	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Call			1,896.08650	2,048.459	26.24	0.9992	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Put			0.28650	0.159	26.24	0.0008	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Put			532.64440	402.981	17.74	0.7473	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Call			48.44440	71.281	17.74	0.2527	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Call			1,646.48930	1,798.671	24.81	0.9981	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Put			0.68930	0.371	24.81	0.0019	0.00	0	174,530
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Call			900.91160	1,051.472	19.16	0.9832	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Put			5.11160	3.172	19.16	0.0168	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Put			966.12550	818.592	19.56	0.9272	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Call			11.92550	16.892	19.56	0.0728	0.00	0	81,900
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Put			975.77730	828.094	19.61	0.9291	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Call			11.57730	16.394	19.61	0.0709	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Put			813.38280	669.270	18.88	0.8870	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Call			19.18280	27.570	18.88	0.1130	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			463.43010	594.662	15.92	0.9176	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			37.63010	16.362	15.92	0.0824	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Put			985.43910	837.611	19.65	0.9311	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Call			11.23910	15.912	19.65	0.0689	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Put			1,111.85840	962.506	20.25	0.9518	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Call			7.65840	10.806	20.25	0.0482	0.00	0	127,100
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Put			1,506.82900	1,355.108	22.08	0.9838	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Call			2.62900	3.408	22.08	0.0162	0.00	0	27,030
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Put			2,025.12050	1,872.779	25.05	0.9949	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Call			0.92050	1.079	25.05	0.0051	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Call			1,626.53950	1,778.697	24.70	0.9980	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Put			0.73950	0.397	24.70	0.0020	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Put			2,055.07210	1,902.718	25.22	0.9952	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Call			0.87210	1.018	25.22	0.0048	0.00	0	7,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Put			263.66130	168.895	16.51	0.4772	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Call			129.46130	187.195	16.51	0.5228	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Call			1,546.77980	1,698.822	24.24	0.9974	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Put			0.97980	0.522	24.24	0.0026	0.00	0	8,580
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Call			970.13750	1,120.991	19.84	0.9859	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Put			4.33750	2.691	19.84	0.0141	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Call			126.07850	182.257	16.52	0.5139	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Put			270.27850	173.957	16.52	0.4861	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Call			293.11980	399.427	16.16	0.7949	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Put			97.31980	51.127	16.16	0.2051	0.00	0	4,080
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Put			1,835.51700	1,683.287	23.94	0.9924	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Call			1.31700	1.587	23.94	0.0076	0.00	0	29,600
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Put			1,855.46650	1,703.222	24.06	0.9928	0.00	0	600
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Call			1.26650	1.522	24.06	0.0072	0.00	0	5,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Put			710.82840	570.601	18.48	0.8477	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Call			26.62840	38.901	18.48	0.1523	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Call			1,447.19260	1,599.037	23.67	0.9963	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Put			1.39260	0.737	23.67	0.0037	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Call			159.33590	229.954	16.43	0.5942	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Put			213.53590	131.654	16.43	0.4058	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Put			1,367.82290	1,216.764	21.44	0.9764	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Call		3.62290	5.064	21.44	0.0236	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Call		1,397.46020	1,549.175	23.39	0.9956	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Put		1.66020	0.875	23.39	0.0044	0.00	0	3,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Call		155.31890	224.293	16.44	0.5853	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Put		219.51890	135.993	16.44	0.4147	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Put		2,354.72720	2,202.292	26.97	0.9973	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Call		0.52720	0.592	26.97	0.0027	0.00	0	5,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Call		704.33670	853.559	17.24	0.9710	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Put		8.53670	5.259	17.24	0.0290	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Put		729.26000	588.259	18.55	0.8556	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Call		25.06000	36.559	18.55	0.1444	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Put		1,063.07230	914.234	20.02	0.9446	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Call		8.87230	12.534	20.02	0.0554	0.00	0	70,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Put		1,160.81450	1,011.023	20.48	0.9580	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Call		6.61450	9.323	20.48	0.0420	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Call		52.90120	77.834	17.63	0.2713	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Put		507.10120	379.534	17.63	0.7287	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Put		757.12560	614.993	18.66	0.8668	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Call		22.92560	33.293	18.66	0.1332	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Call		33.90220	49.744	18.19	0.1876	0.00	0	51,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Put		638.10220	501.444	18.19	0.8124	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Call		140.06930	202.554	16.48	0.5497	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Put		244.26930	154.254	16.48	0.4503	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Call		205.49150	291.446	16.32	0.6804	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Put		159.69150	93.146	16.32	0.3196	0.00	0	68,500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Put		2,264.80900	2,112.391	26.45	0.9968	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Call		0.60900	0.691	26.45	0.0032	0.00	0	1,406
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Call		44.33960	65.225	17.85	0.2350	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Put		558.53960	426.925	17.85	0.7650	0.00	0	36,200
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Put		1,815.56980	1,663.356	23.82	0.9921	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Call		1.36980	1.656	23.82	0.0079	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Put		1,945.26670	1,792.965	24.58	0.9940	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Call		1.06670	1.265	24.58	0.0060	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Call		384.48510	506.121	16.02	0.8728	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Put		58.68510	27.821	16.02	0.1272	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Call		45.67010	67.190	17.82	0.2408	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Put		549.87010	418.890	17.82	0.7592	0.00	0	115,000
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Put		2,914.44090	2,761.956	30.24	0.9989	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Call		0.24090	0.256	30.24	0.0011	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Put		2,494.62600	2,342.170	27.79	0.9978	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Call		0.42600	0.470	27.79	0.0022	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Put		2,204.87250	2,052.469	26.10	0.9964	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Call		0.67250	0.769	26.10	0.0036	0.00	0	20,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Put		1,457.14250	1,305.621	21.85	0.9815	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Call		2.94250	3.921	21.85	0.0185	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Put		1,965.22760	1,812.915	24.70	0.9942	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Call			1.02760	1.215	24.70	0.0058	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Call			39.37270	57.871	18.00	0.2129	0.00	0	51,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Put			593.57270	459.571	18.00	0.7871	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Put			1,865.44220	1,713.190	24.12	0.9929	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Call			1.24220	1.491	24.12	0.0071	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Call			2.35390	2.966	22.31	0.0142	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Put			1,556.55390	1,404.666	22.31	0.9858	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Call			9.69370	13.705	19.88	0.0601	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Put			1,033.89370	885.406	19.88	0.9399	0.00	0	3,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Call			376.98310	497.547	16.03	0.8676	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Put			61.18310	29.247	16.03	0.1324	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Put			2,085.02690	1,932.661	25.40	0.9955	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Call			0.82690	0.961	25.40	0.0045	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Call			34.93490	51.281	18.15	0.1925	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Put			629.13490	492.981	18.15	0.8075	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Put			1,725.84180	1,573.713	23.30	0.9904	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Call			1.64180	2.013	23.30	0.0096	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Call			611.38430	755.228	16.27	0.9612	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Put			15.58430	6.928	16.27	0.0388	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Call			16.04900	22.795	19.10	0.0956	0.00	0	13,700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Put			870.24900	724.495	19.10	0.9044	0.00	0	15,500
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Put			3,354.34620	3,201.866	33.02	0.9993	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Call			0.14620	0.166	33.02	0.0007	0.00	0	3,700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.68	Call			167.61850	241.543	16.41	0.6118	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	13.98	Call			104.18370	141.335	16.69	0.3832	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	13.98	Put			428.68370	313.135	16.69	0.6168	0.00	0	18,000
\$ / R	On	20/12/2018	Foreign Exchange Option	14.90	Call			9.27580	13.482	19.65	0.0514	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	14.90	Put			1,253.77580	1,105.282	19.65	0.9486	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	14.30	Call			48.86100	65.604	17.81	0.2064	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	14.30	Put			693.36100	557.404	17.81	0.7936	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	13.90	Call			125.08220	169.482	16.41	0.4391	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	13.90	Put			369.58220	261.282	16.41	0.5609	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	15.30	Put			1,648.14440	1,496.547	20.97	0.9805	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	15.30	Call			3.64440	4.747	20.97	0.0195	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Put			1,023.06560	878.571	18.92	0.9021	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Call			20.16560	28.371	18.92	0.0979	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Put			52.06980	23.956	14.94	0.1006	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Call			509.16980	633.756	14.94	0.8994	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Put			1,108.50450	962.516	19.15	0.9208	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Call			15.60450	22.316	19.15	0.0792	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Call			433.02390	548.003	15.13	0.8542	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Put			75.92390	38.203	15.13	0.1458	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Call			91.61110	114.182	16.90	0.2782	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Put			668.31110	537.882	16.90	0.7218	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Call			23.20720	27.034	18.88	0.0801	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Put			1,309.90720	1,160.734	18.88	0.9199	0.00	0	250

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Call			712.29590	849.462	15.36	0.9191	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Put			38.99590	23.162	15.36	0.0809	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Put			643.57950	514.651	16.81	0.7084	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Call			96.87950	120.951	16.81	0.2916	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Put			334.53630	237.363	15.59	0.4742	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Call			207.83630	263.663	15.59	0.5258	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Put			3,907.98680	3,754.878	29.86	0.9967	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Call			1.28680	1.178	29.86	0.0033	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Put			3,257.86010	3,104.724	25.30	0.9966	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Call			1.16010	1.024	25.30	0.0034	0.00	0	500
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Put			31.73520	18.935	15.58	0.0656	0.00	0	0
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Call			808.33520	948.535	15.58	0.9344	0.00	0	0
\$ / R	On	03/01/2019	Foreign Exchange Option	13.93	Put			431.09410	321.797	15.95	0.5484	0.00	0	0
\$ / R	On	03/01/2019	Foreign Exchange Option	13.93	Call			179.29410	223.097	15.95	0.4516	0.00	0	600
\$ / R	On	03/01/2019	Foreign Exchange Option	14.35	Put			758.45900	624.559	17.23	0.7497	0.00	0	0
\$ / R	On	03/01/2019	Foreign Exchange Option	14.35	Call			86.65900	105.859	17.23	0.2503	0.00	0	600
\$ / R	On	03/01/2019	Foreign Exchange Option	13.57	Call			326.44750	407.818	15.36	0.6665	0.00	0	0
\$ / R	On	03/01/2019	Foreign Exchange Option	13.57	Put			218.24750	146.518	15.36	0.3335	0.00	0	600
\$ / R	On	07/01/2019	Foreign Exchange Option	14.12	Put			579.33200	459.441	16.53	0.6375	0.00	0	0
\$ / R	On	07/01/2019	Foreign Exchange Option	14.12	Call			144.13200	177.341	16.53	0.3625	0.00	0	250
\$ / R	On	07/01/2019	Foreign Exchange Option	13.64	Put			263.59360	185.755	15.46	0.3769	0.00	0	250
\$ / R	On	07/01/2019	Foreign Exchange Option	13.64	Call			308.39360	383.654	15.46	0.6231	0.00	0	0
\$ / R	On	07/01/2019	Foreign Exchange Option	14.65	Put			1,024.86460	884.096	18.06	0.8288	0.00	0	0
\$ / R	On	07/01/2019	Foreign Exchange Option	14.65	Call			59.66460	71.996	18.06	0.1712	0.00	0	250
\$ / R	On	15/01/2019	Foreign Exchange Option	14.19	Put			651.37940	532.237	16.93	0.6450	0.00	0	0
\$ / R	On	15/01/2019	Foreign Exchange Option	14.19	Call			159.27940	193.537	16.93	0.3550	0.00	0	0
\$ / R	On	16/01/2019	Foreign Exchange Option	14.48	Put			888.39980	757.509	17.78	0.7459	0.00	0	0
\$ / R	On	16/01/2019	Foreign Exchange Option	14.48	Call			107.99980	130.509	17.78	0.2541	0.00	0	0
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Put			26.32070	16.281	15.20	0.0495	0.00	0	263
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Call			1,069.22070	1,212.581	15.20	0.9505	0.00	0	0
\$ / R	On	25/01/2019	Foreign Exchange Option	14.02	Put			548.16410	443.266	16.63	0.5536	0.00	0	0
\$ / R	On	25/01/2019	Foreign Exchange Option	14.02	Call			242.56410	291.266	16.63	0.4464	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	14.88	Put			1,248.42000	1,111.829	18.74	0.8087	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	14.88	Call			91.02000	108.229	18.74	0.1913	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Put			81.54500	54.712	15.11	0.1251	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Call			854.14500	981.112	15.11	0.8749	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Put			1,474.38050	1,333.748	19.34	0.8518	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Call			68.68050	81.748	19.34	0.1482	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Put			55.28620	36.154	15.03	0.0887	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Call			989.58620	1,124.154	15.03	0.9113	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Call			818.36590	942.319	15.19	0.8589	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Put			94.06590	64.319	15.19	0.1411	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Put			827.31600	706.728	17.55	0.6755	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Call			171.61600	204.728	17.55	0.3245	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.20	Call			212.98660	254.093	17.09	0.3857	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.20	Put			688.68660	576.093	17.09	0.6143	0.00	0	250

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	31/01/2019	Foreign Exchange Option	15.47	Put			1,789.81290	1,645.031	20.01	0.8990	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.47	Call			44.11290	53.031	20.01	0.1010	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Call			200.60150	239.341	17.22	0.3679	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Put			726.30150	611.341	17.22	0.6321	0.00	0	250
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Put			1,452.72130	1,315.611	19.24	0.8175	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Call			98.92130	115.711	19.24	0.1825	0.00	0	0
\$ / R	On	15/02/2019	Foreign Exchange Option	14.35	Put			826.21190	711.778	17.55	0.6375	0.00	0	0
\$ / R	On	15/02/2019	Foreign Exchange Option	14.35	Call			225.81190	265.378	17.55	0.3625	0.00	0	0
\$ / R	On	25/02/2019	Foreign Exchange Option	14.07	Put			636.47240	537.617	16.85	0.5353	0.00	0	0
\$ / R	On	25/02/2019	Foreign Exchange Option	14.07	Call			332.97240	388.317	16.85	0.4647	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put			98.54700	74.295	15.41	0.1337	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call			1,040.14700	1,170.095	15.41	0.8663	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call			908.38180	1,030.801	15.49	0.8245	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put			136.78180	105.001	15.49	0.1755	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Call			290.09490	337.666	17.30	0.4110	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Put			768.49490	661.866	17.30	0.5890	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Put			1,609.95820	1,473.611	19.53	0.8163	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Call			111.55820	129.411	19.53	0.1837	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Put			973.11890	855.885	17.90	0.6648	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call			224.71890	261.685	17.90	0.3352	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Call			304.14820	353.929	17.18	0.4263	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Put			732.54820	628.129	17.18	0.5737	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Put			1,937.75670	1,796.210	20.22	0.8642	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Call			79.35670	92.010	20.22	0.1358	0.00	0	250
\$ / R	On	05/03/2019	Foreign Exchange Option	14.39	Put			879.51070	767.825	17.63	0.6228	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	14.39	Call			269.61070	312.225	17.63	0.3772	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Put			652.60850	558.155	16.98	0.5072	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			4,217.65780	4,066.332	24.60	0.9667	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			20.05780	23.332	24.60	0.0333	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Put			4,610.65180	4,459.473	24.89	0.9758	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Call			13.05180	16.473	24.89	0.0242	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Call			170.29470	193.876	19.22	0.2379	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Put			1,487.89470	1,356.876	19.22	0.7621	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Call			161.05260	183.168	19.37	0.2264	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Put			1,548.65260	1,416.168	19.37	0.7736	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Put			3,207.49570	3,057.676	22.57	0.9371	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Call			39.89570	44.676	22.57	0.0629	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Put			3,197.77500	3,047.984	22.55	0.9367	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Call			40.17500	44.984	22.55	0.0633	0.00	0	12,600
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Call			168.93850	192.306	19.25	0.2362	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Put			1,496.53850	1,365.306	19.25	0.7638	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Call			542.30960	621.338	16.45	0.5933	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Put			459.90960	384.338	16.45	0.4067	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Put			2,830.33800	2,682.290	21.84	0.9178	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Call			52.73800	59.290	21.84	0.0822	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Call			181.58650	206.955	19.06	0.2517	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Put			1,419.18650	1,289.955	19.06	0.7483	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Put			3,529.47420	3,378.837	23.22	0.9492	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Call			31.87420	35.837	23.22	0.0508	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Call			625.48270	713.738	16.20	0.6480	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Put			373.08270	306.738	16.20	0.3520	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Call			929.30800	1,047.216	15.63	0.7975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Put			176.90800	140.216	15.63	0.2025	0.00	0	1,155
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Put			2,562.88080	2,416.780	21.36	0.8993	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Call			65.28080	73.780	21.36	0.1007	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Put			1,821.87860	1,684.926	19.97	0.8189	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Call			124.27860	141.926	19.97	0.1811	0.00	0	224,757
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Call			860.68650	972.711	15.69	0.7705	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Put			208.28650	165.711	15.69	0.2295	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Call			651.81730	742.814	16.12	0.6640	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Put			349.41730	285.814	16.12	0.3360	0.00	0	2,550
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Call			600.00940	685.528	16.27	0.6319	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Put			397.60940	328.528	16.27	0.3681	0.00	0	9,570
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Call			249.69840	285.671	18.24	0.3304	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Put			1,097.29840	978.671	18.24	0.6696	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Call			173.04330	197.060	19.18	0.2413	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Put			1,470.64330	1,340.060	19.18	0.7587	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Call			747.87040	848.196	15.87	0.7176	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Put			275.47040	221.196	15.87	0.2824	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Put			1,839.83180	1,702.565	20.00	0.8216	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Call			122.23180	139.565	20.00	0.1784	0.00	0	1
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Put			2,122.39050	1,980.859	20.54	0.8580	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Call			94.79050	107.859	20.54	0.1420	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Put			1,376.66190	1,248.611	18.95	0.7392	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Call			189.06190	215.611	18.95	0.2608	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Call			363.13440	416.021	17.31	0.4458	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Put			760.73440	659.021	17.31	0.5542	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Put			2,261.60500	2,118.397	20.80	0.8728	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Call			84.00500	95.397	20.80	0.1272	0.00	0	2,100
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Call			294.77470	337.621	17.83	0.3785	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Put			942.37470	830.621	17.83	0.6215	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Call			218.89410	250.114	18.58	0.2958	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Put			1,226.49410	1,103.114	18.58	0.7042	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.00	Put			1,385.13970	1,256.848	18.97	0.7411	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.00	Call			187.53970	213.848	18.97	0.2589	0.00	0	1,260
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Call			707.09090	803.586	15.97	0.6957	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Put			304.69090	246.586	15.97	0.3043	0.00	0	2,100
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Call			302.23160	346.196	17.77	0.3862	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Put			919.83160	809.196	17.77	0.6138	0.00	0	2,100
\$ / R	On	18/03/2019	Foreign Exchange Option	12.80	Call			1,117.13810	1,245.872	15.48	0.8576	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.80	Put			114.73810	88.872	15.48	0.1424	0.00	0	6,332
\$ / R	On	18/03/2019	Foreign Exchange Option	15.22	Put			1,574.70180	1,441.778	19.43	0.7784	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	15.22	Call			157.10180	178.778	19.43	0.2216	0.00	0	2,785
\$ / R	On	18/03/2019	Foreign Exchange Option	13.85	Call			485.97510	557.290	16.64	0.5518	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.85	Put			533.57510	450.290	16.64	0.4482	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			949.93240	837.808	17.85	0.6240	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			292.33240	334.808	17.85	0.3760	0.00	0	6,332
\$ / R	On	18/03/2019	Foreign Exchange Option	15.40	Put			1,732.67200	1,597.390	19.79	0.8051	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.40	Call			135.07200	154.390	19.79	0.1949	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.80	Put			1,218.29530	1,095.197	18.56	0.7021	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.80	Call			220.69530	252.197	18.56	0.2979	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call			143.22140	163.643	19.66	0.2050	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put			1,670.82140	1,536.643	19.66	0.7950	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call			145.64450	166.284	19.62	0.2080	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put			1,653.24450	1,519.284	19.62	0.7920	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.62	Call			590.05760	674.487	16.30	0.6255	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.62	Put			407.65760	337.487	16.30	0.3745	0.00	0	6,332
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call			144.42860	164.958	19.64	0.2065	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put			1,662.02860	1,527.958	19.64	0.7935	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Call			411.56130	471.239	17.00	0.4898	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put			659.16130	564.239	17.00	0.5102	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call			2,023.17440	2,174.092	17.15	0.9676	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put			20.77440	17.092	17.15	0.0324	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call			1,773.02830	1,922.464	16.52	0.9526	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put			30.62830	25.464	16.52	0.0474	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put			326.61580	265.764	16.05	0.3201	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call			679.01580	772.764	16.05	0.6799	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call			2,315.60000	2,467.703	17.88	0.9793	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put			13.20000	10.703	17.88	0.0207	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			3,474.57480	3,628.772	20.97	0.9965	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			2.17480	1.772	20.97	0.0035	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call			2,081.38200	2,232.575	17.30	0.9703	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put			18.98200	15.575	17.30	0.0297	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			965.11060	852.256	17.89	0.6290	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			287.51060	329.256	17.89	0.3710	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call			1,148.88860	1,279.172	15.46	0.8662	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put			106.48860	82.172	15.46	0.1338	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call			528.62760	606.055	16.49	0.5837	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put			476.22760	399.055	16.49	0.4163	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put			1,351.30820	1,223.990	18.89	0.7337	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call			193.70820	220.990	18.89	0.2663	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put			1,557.37410	1,424.690	19.39	0.7752	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call			159.77410	181.690	19.39	0.2248	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call			673.50750	766.705	16.06	0.6768	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put			331.10750	269.705	16.06	0.3232	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put			1,777.15480	1,641.020	19.88	0.8121	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call			129.55480	148.020	19.88	0.1879	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put			831.64410	725.719	17.52	0.5820	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Call		334.04410	382.719	17.52	0.4180	0.00	0	250
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put		1,857.82310	1,720.244	20.04	0.8242	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call		120.22310	137.244	20.04	0.1758	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call		1,391.43110	1,534.103	15.52	0.9157	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put		59.03110	47.103	15.52	0.0843	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call		481.96990	552.596	16.66	0.5487	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put		539.56990	455.596	16.66	0.4513	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Call		1,356.78110	1,496.968	15.43	0.9109	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Put		64.38110	49.968	15.43	0.0891	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Call		466.25430	534.143	16.72	0.5360	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Put		563.85430	477.143	16.72	0.4640	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Put		1,531.23530	1,399.159	19.33	0.7704	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Call		163.63530	186.159	19.33	0.2296	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Put		3,314.57500	3,164.457	22.79	0.9415	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Call		36.97500	41.457	22.79	0.0585	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Call		297.24080	340.454	17.81	0.3810	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Put		934.84080	823.454	17.81	0.6190	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Call		965.35190	1,085.571	15.60	0.8104	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Put		162.95190	128.571	15.60	0.1896	0.00	0	15,434
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Call		1,039.75840	1,164.387	15.54	0.8350	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Put		137.35840	107.387	15.54	0.1650	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Call		429.06990	491.129	16.90	0.5050	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Put		626.66990	534.129	16.90	0.4950	0.00	0	22,406
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Call		339.66700	389.167	17.48	0.4234	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Put		817.26700	712.167	17.48	0.5766	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Call		275.80630	315.777	18.00	0.3586	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Put		1,003.40630	888.777	18.00	0.6414	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Put		1,786.07980	1,649.779	19.90	0.8135	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Call		128.47980	146.779	19.90	0.1865	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Put		3,324.32310	3,174.179	22.81	0.9418	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Call		36.72310	41.179	22.81	0.0582	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Call		217.10870	248.053	18.60	0.2938	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Put		1,234.70870	1,111.053	18.60	0.7062	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Put		2,177.90340	2,035.673	20.64	0.8641	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Call		90.30340	102.673	20.64	0.1359	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Put		3,725.56820	3,574.533	23.61	0.9551	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Call		27.96820	31.533	23.61	0.0449	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Call		320.39350	367.061	17.62	0.4045	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Put		867.99350	760.061	17.62	0.5955	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Put		1,966.49530	1,827.155	20.24	0.8390	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Call		108.89530	124.155	20.24	0.1610	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Put		2,849.56960	2,701.386	21.88	0.9189	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Call		51.96960	58.386	21.88	0.0811	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Call		269.02010	307.961	18.06	0.3514	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Put		1,026.62010	910.961	18.06	0.6486	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put		2,402.16710	2,257.496	21.06	0.8861	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call		74.56710	84.496	21.06	0.1139	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Call		1,024.63350	1,148.405	15.55	0.8302	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Put		142.23350	111.405	15.55	0.1698	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Call		282.76860	323.796	17.93	0.3660	0.00	0	224,707
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Put		980.36860	866.796	17.93	0.6340	0.00	0	20,050
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put		2,280.27310	2,136.859	20.83	0.8747	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call		82.67310	93.859	20.83	0.1253	0.00	0	1,906
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Call		880.60040	994.748	15.67	0.7788	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Put		198.20040	157.748	15.67	0.2212	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Put		2,103.94040	1,962.651	20.50	0.8559	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Call		96.34040	109.651	20.50	0.1441	0.00	0	10
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Call		730.18260	828.869	15.91	0.7083	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Put		287.78260	231.869	15.91	0.2917	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Call		796.59740	901.261	15.75	0.7420	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Put		244.19740	194.261	15.75	0.2580	0.00	0	224,707
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Put		2,638.96950	2,492.270	21.49	0.9050	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Call		61.36950	69.270	21.49	0.0950	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Call		551.59370	631.694	16.42	0.5998	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Put		449.19370	374.694	16.42	0.4002	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Call		215.33910	246.009	18.62	0.2917	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Put		1,242.93910	1,119.009	18.62	0.7083	0.00	0	10,010
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Call		561.00970	642.187	16.39	0.6062	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Put		438.60970	365.187	16.39	0.3938	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Call		231.83760	265.068	18.43	0.3106	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Put		1,169.43760	1,048.068	18.43	0.6894	0.00	0	24,326
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Call		213.58500	243.980	18.64	0.2897	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Put		1,251.18500	1,126.980	18.64	0.7103	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Call		510.83960	586.151	16.55	0.5709	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Put		498.43960	419.151	16.55	0.4291	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Put		3,256.13530	3,106.176	22.67	0.9391	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Call		38.53530	43.176	22.67	0.0609	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Put		3,334.07250	3,183.903	22.83	0.9422	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Call		36.47250	40.903	22.83	0.0578	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Put		3,460.99820	3,310.516	23.08	0.9469	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Call		33.39820	37.516	23.08	0.0531	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Call		415.00850	475.155	16.98	0.4928	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Call		459.20930	522.607	16.98	0.5110	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Put		641.40930	550.007	16.98	0.4890	0.00	0	65,000
\$ / R	On	27/03/2019	Foreign Exchange Option	14.50	Call		309.59980	352.066	17.98	0.3771	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.50	Put		991.79980	879.466	17.98	0.6229	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	13.88	Call		504.68500	575.054	16.78	0.5468	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	13.88	Put		566.88500	482.454	16.78	0.4532	0.00	0	32,000
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put		44.91300	36.451	16.09	0.0635	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call		1,652.71300	1,799.051	16.09	0.9365	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Put		2,086.41160	1,946.833	20.48	0.8377	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Call		117.61160	132.933	20.48	0.1623	0.00	0	250

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Call		383.81380	436.281	17.51	0.4427	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Put		812.61380	710.181	17.51	0.5573	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Put		1,763.98170	1,629.952	19.88	0.7925	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Call		155.18170	176.052	19.88	0.2075	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Call		399.07850	453.617	17.41	0.4561	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Put		777.87850	677.517	17.41	0.5439	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put		179.33450	143.527	15.71	0.1972	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call		1,000.53450	1,119.627	15.71	0.8028	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put		1,125.82780	1,008.331	18.36	0.6591	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Call		277.02780	314.431	18.36	0.3409	0.00	0	500
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put		198.55540	160.221	15.74	0.2115	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call		976.55540	1,093.221	15.74	0.7885	0.00	0	0
\$ / R	On	05/04/2019	Foreign Exchange Option	14.35	Put		0.00000	787.290	17.74	0.5765	0.00	0	0
\$ / R	On	05/04/2019	Foreign Exchange Option	14.35	Call		0.00000	425.490	17.74	0.4235	42,549.04	100	100
\$ / R	On	05/04/2019	Foreign Exchange Option	13.76	Put		0.00000	435.662	16.68	0.4142	43,566.18	100	100
\$ / R	On	05/04/2019	Foreign Exchange Option	13.76	Call		0.00000	663.862	16.68	0.5858	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Put		1,445.42420	1,321.628	19.04	0.6977	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Call		274.42420	306.328	19.04	0.3023	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Put		1,929.27110	1,796.193	20.02	0.7774	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Call		195.17110	217.793	20.02	0.2226	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Put		2,239.28860	2,101.012	20.54	0.8182	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call		1,151.61960	1,271.985	15.78	0.8062	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put		219.03980	180.481	15.84	0.2117	0.00	0	3,000
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put		409.34280	344.911	16.31	0.3345	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call		795.24280	886.511	16.31	0.6655	0.00	0	2,500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Call		492.63380	551.315	17.46	0.4800	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Put		816.73380	719.715	17.46	0.5200	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put		195.71960	160.385	15.78	0.1938	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Call		155.18860	172.612	20.54	0.1818	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put		1,286.10350	1,167.753	18.63	0.6582	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call		322.00350	359.353	18.63	0.3418	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Call		476.34710	533.117	17.55	0.4680	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Put		850.44710	751.517	17.55	0.5320	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call		1,094.93980	1,212.081	15.84	0.7883	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Call		562.03100	622.110	17.58	0.4874	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Put		883.13100	786.710	17.58	0.5126	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Put		2,091.04300	1,958.106	20.15	0.7678	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Call		229.94300	253.506	20.15	0.2322	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Call		579.09630	640.972	17.50	0.4985	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Put		850.19630	755.572	17.50	0.5015	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call		1,183.08680	1,299.298	15.97	0.7785	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put		254.18680	213.898	15.97	0.2215	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put		1,441.34300	1,321.612	18.88	0.6592	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call		360.24300	397.012	18.88	0.3408	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Put		2,408.05060	2,270.050	20.65	0.8066	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Call		186.95060	205.450	20.65	0.1934	0.00	0	250

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put			301.06080	255.259	16.08	0.2518	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call			1,089.96080	1,200.659	16.08	0.7482	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Put			75.86850	61.258	15.65	0.0819	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call			1,869.86850	2,011.858	15.65	0.9181	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Call			3,271.17140	3,427.055	17.15	0.9884	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put			8.27140	7.355	17.15	0.0116	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call			1,773.78920	1,912.025	15.63	0.8979	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put			100.88920	82.325	15.63	0.1021	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put			1,125.42850	1,019.584	18.17	0.5713	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put			971.49860	872.562	17.81	0.5277	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Call			375.09300	411.751	19.06	0.3387	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call			561.20470	618.739	17.83	0.4703	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put			978.30470	879.039	17.83	0.5297	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call			558.02970	615.237	17.84	0.4682	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put			985.12970	885.537	17.84	0.5318	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call			564.39860	622.262	17.81	0.4723	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Put			268.72780	227.332	16.00	0.2245	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Call			484.49560	533.972	18.25	0.4192	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Put			1,161.59560	1,054.271	18.25	0.5808	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Put			4,109.28730	3,957.394	23.90	0.9015	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Call			102.18730	107.094	23.90	0.0985	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Put			1,522.19300	1,402.051	19.06	0.6613	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Call			700.79410	772.596	17.20	0.5542	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Put			1,012.60940	911.721	17.91	0.5399	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Call			545.50940	601.421	17.91	0.4601	0.00	0	30
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Put			2,276.56040	2,142.161	20.44	0.7777	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Call			229.46040	251.861	20.44	0.2223	0.00	0	20
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Call			1,221.62780	1,337.032	16.00	0.7755	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call			293.87300	323.486	19.83	0.2755	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call			742.14670	817.930	17.05	0.5769	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put			669.24670	588.230	17.05	0.4231	0.00	0	5,035
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put			1,949.74460	1,821.310	19.92	0.7335	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Call			282.64460	311.010	19.92	0.2665	0.00	0	5,035
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Put			727.89410	642.896	17.20	0.4458	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put			262.32950	221.676	15.99	0.2204	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put			2,206.74830	2,073.498	20.33	0.7690	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call			239.64830	263.198	20.33	0.2310	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call			763.74870	841.504	16.97	0.5883	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put			640.84870	561.804	16.97	0.4117	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put			1,890.97300	1,763.786	19.83	0.7245	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call			255.90120	281.278	20.17	0.2446	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call			1,066.24820	1,172.410	16.19	0.7243	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put			353.34820	302.710	16.19	0.2757	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put			1,303.45240	1,190.176	18.57	0.6152	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call			436.35240	479.876	18.57	0.3848	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call			1,235.22950	1,351.376	15.99	0.7796	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call			498.32850	549.284	18.17	0.4287	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put			312.76060	266.421	16.11	0.2518	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Call			1,135.66060	1,246.121	16.11	0.7482	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call			1,398.67150	1,523.019	15.81	0.8245	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put			195.77150	163.319	15.81	0.1755	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put			2,103.00120	1,971.578	20.17	0.7554	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Put			1,232.15940	1,122.610	18.40	0.5931	0.00	0	20,000
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Call			475.35940	522.710	18.40	0.4069	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Put			3,394.33830	3,246.200	22.32	0.8670	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Call			137.53830	146.300	22.32	0.1330	0.00	0	20,000
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Put			2,559.90090	2,422.959	20.86	0.7967	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Call			216.80090	236.958	20.86	0.2033	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Call			638.40600	701.199	17.66	0.5024	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Put			911.50600	817.199	17.66	0.4976	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Put			2,243.63870	2,111.481	20.38	0.7608	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Call			260.53870	285.481	20.38	0.2392	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Call			655.99200	720.468	17.58	0.5127	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Put			879.09200	786.468	17.58	0.4873	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put			282.69430	240.390	16.04	0.2271	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call			1,259.59430	1,374.390	16.04	0.7729	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put			1,585.88510	1,465.760	19.18	0.6604	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call			392.78510	429.760	19.18	0.3396	0.00	0	500
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put			351.56340	302.138	16.18	0.2663	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call			1,143.56340	1,251.338	16.18	0.7337	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call			999.92310	1,093.253	16.41	0.6779	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put			464.42310	400.553	16.41	0.3221	0.00	0	39,250
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put			2,666.62280	2,528.708	21.00	0.8032	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Call			212.12280	231.408	21.00	0.1968	0.00	0	39,250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Put			2,718.05160	2,582.021	21.02	0.7861	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Call			251.55160	273.321	21.02	0.2139	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Call			724.10050	789.674	17.70	0.5174	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Put			940.60050	848.374	17.70	0.4826	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Put			2,402.52420	2,270.949	20.55	0.7529	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			430.55020	467.992	19.42	0.3402	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Call			296.02420	322.249	20.55	0.2471	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Call			742.21320	809.360	17.62	0.5270	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Put			908.71320	818.060	17.62	0.4730	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			313.02250	268.900	16.10	0.2317	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			1,346.52250	1,460.200	16.10	0.7683	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,737.05020	1,616.692	19.42	0.6598	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			401.67600	349.276	16.31	0.2783	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			1,196.87600	1,302.276	16.31	0.7217	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Put			2,584.93550	2,451.841	20.78	0.7635	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Call			290.73550	315.642	20.78	0.2365	0.00	0	3,147
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Put			1,102.20230	1,004.038	18.05	0.5188	0.00	0	3,147
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Call			678.00230	737.838	18.05	0.4812	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Put		2,892.80820	2,757.396	21.21	0.7811	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Call		277.80820	300.696	21.21	0.2189	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Call		799.71800	867.571	17.74	0.5293	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Put		964.71800	874.271	17.74	0.4707	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Put		2,568.08970	2,437.096	20.74	0.7494	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Call		323.08970	350.396	20.74	0.2506	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Call		818.25790	887.384	17.66	0.5384	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Put		933.25790	844.084	17.66	0.4616	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put		338.89520	293.514	16.16	0.2348	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call		1,423.89520	1,536.814	16.16	0.7652	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put		1,892.27160	1,771.756	19.65	0.6628	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call		457.27160	495.056	19.65	0.3372	0.00	0	500
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put		449.76220	394.820	16.40	0.2879	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call		1,249.86220	1,353.320	16.40	0.7121	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Put		5,034.99730	4,890.789	24.43	0.8923	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Call		130.29730	144.489	24.43	0.1077	0.00	0	20,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Put		1,919.97340	1,800.645	19.65	0.6560	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Call		484.47340	523.745	19.65	0.3440	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.56	Call		482.43150	521.637	19.66	0.3428	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Put		806.56220	724.584	17.30	0.4144	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Put		3,371.96680	3,228.729	21.90	0.8070	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Call		256.46680	271.829	21.90	0.1930	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call		3,377.25480	3,535.056	15.38	0.9837	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put		12.75480	11.956	15.38	0.0163	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Put		3,953.37430	3,806.341	23.05	0.8379	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Call		1,810.75370	1,934.184	15.35	0.8503	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put		196.25370	161.084	15.35	0.1497	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put		2,179.40180	2,056.319	20.09	0.6924	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call		423.90180	459.419	20.09	0.3076	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Call		951.06220	1,027.684	17.30	0.5856	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put		530.75080	469.054	16.56	0.3170	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call		1,190.01170	1,286.262	16.57	0.6812	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put		535.51170	473.162	16.57	0.3188	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put		526.01220	464.962	16.55	0.3151	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Put		4,372.10980	4,223.007	23.87	0.8552	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Call		196.60980	206.107	23.87	0.1448	0.00	0	81,930
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Call		882.71140	954.387	17.56	0.5549	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Put		908.21140	821.287	17.56	0.4451	0.00	0	141,127
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call		1,195.25080	1,292.154	16.56	0.6830	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Call		165.85090	183.426	24.35	0.1296	0.00	0	141,127
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Call		976.41910	1,054.922	17.20	0.5967	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Put		771.91910	691.822	17.20	0.4033	0.00	0	81,930
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Put		5,325.38510	5,180.075	24.35	0.9008	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Call		119.88510	133.175	24.35	0.0992	0.00	0	33,151
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call		1,200.51220	1,298.062	16.55	0.6849	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Call		169.15330	187.026	24.35	0.1316	0.00	0	33,715

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest	
\$ / R	On	16/09/2019		Foreign Exchange Option	14.09	Call		902.41720	975.361	17.48	0.5639	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	14.09	Put		877.91720	792.261	17.48	0.4361	0.00	0	33,715
\$ / R	On	16/09/2019		Foreign Exchange Option	15.38	Call		519.39230	561.179	19.39	0.3648	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	15.38	Put		1,784.89230	1,668.079	19.39	0.6352	0.00	0	5,000
\$ / R	On	16/09/2019		Foreign Exchange Option	18.67	Put		4,721.35090	4,580.326	24.35	0.8704	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	17.64	Call		229.68030	242.402	22.66	0.1717	0.00	0	5,000
\$ / R	On	16/09/2019		Foreign Exchange Option	14.33	Call		811.67770	878.493	17.85	0.5217	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	14.33	Put		1,027.17770	935.393	17.85	0.4783	0.00	0	33,151
\$ / R	On	16/09/2019		Foreign Exchange Option	18.47	Put		4,538.47680	4,394.747	24.20	0.8615	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	18.47	Call		182.97680	197.847	24.20	0.1385	0.00	0	1,200
\$ / R	On	16/09/2019		Foreign Exchange Option	18.63	Put		4,684.65330	4,543.926	24.35	0.8684	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	15.56	Put		1,927.93150	1,808.537	19.66	0.6572	0.00	0	2,571
\$ / R	On	16/09/2019		Foreign Exchange Option	17.93	Put		4,029.17690	3,881.734	23.20	0.8413	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	17.93	Call		213.67690	224.834	23.20	0.1587	0.00	0	2,571
\$ / R	On	16/09/2019		Foreign Exchange Option	14.21	Call		855.80660	925.818	17.67	0.5426	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	14.21	Put		951.30660	862.718	17.67	0.4574	0.00	0	2,700
\$ / R	On	16/09/2019		Foreign Exchange Option	17.64	Put		3,755.18030	3,609.302	22.66	0.8283	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	17.85	Call		217.87430	229.441	23.05	0.1621	0.00	0	2,700
\$ / R	On	16/09/2019		Foreign Exchange Option	14.72	Call		684.49690	741.039	18.41	0.4578	0.00	0	0
\$ / R	On	16/09/2019		Foreign Exchange Option	14.72	Put		1,289.99690	1,187.939	18.41	0.5422	0.00	0	1,200
\$ / R	On	30/09/2019		Foreign Exchange Option	14.25	Call		874.91950	944.505	17.73	0.5404	0.00	0	0
\$ / R	On	30/09/2019		Foreign Exchange Option	14.25	Put		986.01950	896.805	17.73	0.4596	0.00	0	250
\$ / R	On	30/09/2019		Foreign Exchange Option	16.50	Call		352.31010	380.650	20.86	0.2554	0.00	0	250
\$ / R	On	30/09/2019		Foreign Exchange Option	16.50	Put		2,713.41010	2,582.950	20.86	0.7446	0.00	0	0
\$ / R	On	30/09/2019		Foreign Exchange Option	14.20	Call		893.86890	964.547	17.65	0.5490	0.00	0	0
\$ / R	On	30/09/2019		Foreign Exchange Option	14.20	Put		954.96890	866.847	17.65	0.4510	0.00	0	250
\$ / R	On	30/09/2019		Foreign Exchange Option	16.89	Put		3,055.71900	2,920.978	21.34	0.7758	0.00	0	0
\$ / R	On	30/09/2019		Foreign Exchange Option	16.89	Call		304.61900	328.678	21.34	0.2242	0.00	0	250
\$ / R	On	30/09/2019		Foreign Exchange Option	13.00	Put		362.77800	316.347	16.21	0.2366	0.00	0	500
\$ / R	On	30/09/2019		Foreign Exchange Option	13.00	Call		1,501.67800	1,614.047	16.21	0.7634	0.00	0	0
\$ / R	On	30/09/2019		Foreign Exchange Option	15.68	Put		2,027.57860	1,908.055	19.81	0.6628	0.00	0	0
\$ / R	On	30/09/2019		Foreign Exchange Option	15.68	Call		486.47860	525.755	19.81	0.3372	0.00	0	500
\$ / R	On	02/10/2019		Foreign Exchange Option	13.33	Put		491.62960	434.950	16.51	0.2943	0.00	0	0
\$ / R	On	02/10/2019		Foreign Exchange Option	13.33	Call		1,303.92960	1,406.250	16.51	0.7057	0.00	0	0
\$ / R	On	31/10/2019		Foreign Exchange Option	16.70	Put		2,884.67440	2,754.109	21.03	0.7426	0.00	0	0
\$ / R	On	31/10/2019		Foreign Exchange Option	16.70	Call		377.57440	406.409	21.03	0.2574	0.00	0	250
\$ / R	On	31/10/2019		Foreign Exchange Option	14.20	Call		968.96180	1,040.941	17.67	0.5587	0.00	0	0
\$ / R	On	31/10/2019		Foreign Exchange Option	14.20	Put		976.06180	888.641	17.67	0.4413	0.00	0	250
\$ / R	On	31/10/2019		Foreign Exchange Option	15.87	Put		2,186.54350	2,066.971	20.01	0.6659	0.00	0	0
\$ / R	On	31/10/2019		Foreign Exchange Option	13.39	Call		1,342.22820	1,442.934	16.61	0.6970	0.00	0	0
\$ / R	On	31/10/2019		Foreign Exchange Option	13.00	Call		1,578.82590	1,690.976	16.27	0.7620	0.00	0	0
\$ / R	On	31/10/2019		Foreign Exchange Option	13.00	Put		385.92590	338.677	16.27	0.2380	0.00	0	500
\$ / R	On	31/10/2019		Foreign Exchange Option	15.87	Call		509.44350	549.271	20.01	0.3341	0.00	0	500
\$ / R	On	31/10/2019		Foreign Exchange Option	17.09	Put		3,228.54330	3,093.138	21.51	0.7717	0.00	0	0
\$ / R	On	31/10/2019		Foreign Exchange Option	17.09	Call		331.44330	355.438	21.51	0.2283	0.00	0	250
\$ / R	On	31/10/2019		Foreign Exchange Option	14.25	Call		949.64370	1,020.699	17.74	0.5506	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Put			1,006.74370	918.399	17.74	0.4494	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put			539.32820	480.634	16.61	0.3030	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Put			3,375.62420	3,237.520	21.61	0.7674	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Call			359.02420	380.820	21.61	0.2326	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Call			1,017.58330	1,089.743	17.74	0.5592	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Put			1,024.18330	936.443	17.74	0.4408	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Put			3,029.04630	2,897.963	21.14	0.7399	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call			533.54530	572.804	20.13	0.3330	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Call			402.44630	431.263	21.14	0.2601	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Call			1,036.71980	1,110.169	17.67	0.5670	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Put			993.31980	906.869	17.67	0.4330	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put			404.99950	357.626	16.31	0.2386	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call			1,648.39950	1,760.926	16.31	0.7614	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put			2,320.14530	2,199.504	20.13	0.6670	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put			583.36050	522.837	16.68	0.3087	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call			1,391.96050	1,491.437	16.68	0.6913	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Call			1,306.64720	1,396.923	16.93	0.6569	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Put			697.54720	627.823	16.93	0.3431	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Put			3,481.64560	3,341.390	21.75	0.7673	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Call			370.74560	390.490	21.75	0.2327	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put			5,892.43970	5,748.217	24.13	0.8863	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call			161.53970	177.317	24.13	0.1137	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Call			2,473.30660	2,611.033	13.86	0.9254	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Put			94.20660	71.933	13.86	0.0746	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call			606.05470	647.807	19.85	0.3626	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put			2,146.95470	2,028.707	19.85	0.6374	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call			603.97000	645.655	19.86	0.3616	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put			2,154.87000	2,036.555	19.86	0.6384	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call			608.14280	649.962	19.84	0.3637	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put			2,139.04280	2,020.862	19.84	0.6363	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Put			3,533.10610	3,391.977	21.83	0.7610	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Call			395.80610	415.077	21.83	0.2390	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Call			1,097.68210	1,169.223	17.78	0.5686	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Put			1,044.98210	956.123	17.78	0.4314	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Put			3,183.06950	3,049.913	21.32	0.7356	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call			564.46190	601.450	20.32	0.3326	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Call			435.76950	463.013	21.32	0.2644	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Call			1,117.01020	1,189.808	17.71	0.5760	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Put			1,014.31020	926.708	17.71	0.4240	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put			426.10050	376.080	16.34	0.2383	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call			1,728.80050	1,839.180	16.34	0.7617	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Put			2,471.76190	2,348.350	20.32	0.6674	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put			629.38280	565.857	16.82	0.3135	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call			1,445.78280	1,542.757	16.82	0.6865	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put			672.38450	605.780	16.92	0.3178	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call			1,492.98450	1,587.480	16.92	0.6822	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put			715.48570	645.182	17.00	0.3211	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call			1,543.98570	1,635.381	17.00	0.6789	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Call			842.26070	888.256	19.56	0.4234	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Put			2,027.56070	1,911.556	19.56	0.5766	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Call			847.17080	893.484	19.53	0.4254	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Put			2,012.47080	1,896.784	19.53	0.5746	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Call			844.70790	890.862	19.55	0.4244	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Put			2,020.00790	1,904.162	19.55	0.5756	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put			758.14630	685.314	17.10	0.3242	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call			1,594.64630	1,684.114	17.10	0.6758	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call			1,633.01790	1,721.822	17.18	0.6727	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put			796.11790	722.022	17.18	0.3273	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put			838.48760	762.043	17.26	0.3293	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call			1,688.88760	1,776.043	17.26	0.6707	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			1,156.45170	1,213.209	19.01	0.5020	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,717.35170	1,610.309	19.01	0.4980	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			1,153.32800	1,209.906	19.02	0.5009	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put			1,724.22800	1,617.006	19.02	0.4991	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Call			1,159.59310	1,216.529	19.00	0.5031	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Put			1,710.49310	1,603.629	19.00	0.4969	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,866.53020	1,755.901	19.19	0.5052	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			1,191.63020	1,245.701	19.19	0.4948	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			1,296.65150	1,352.145	19.13	0.5100	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,861.85150	1,751.645	19.13	0.4900	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			1,293.51100	1,348.846	19.14	0.5090	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,868.71100	1,758.346	19.14	0.4910	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Call			1,299.79370	1,355.463	19.12	0.5110	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Put			1,854.99370	1,744.963	19.12	0.4890	0.00	0	0
Total \$ / R Option												86,115.22	200	8,592,130
Total \$ / R												686,075,094.62	49,835	9,540,728
\$ / R MAXI	On	14/12/2018	Foreign Exchange Future			13.79830		13.64580			0.0000	1,241,847.00	90	439
\$ / R MAXI	On	18/03/2019	Foreign Exchange Future			13.95700		13.80240			0.0000	0.00	0	10
\$ / R MAXI	On	14/06/2019	Foreign Exchange Future			14.10970		13.95290			0.0000	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Future			14.27310		14.11450			0.0000	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Future			14.42910		14.26910			0.0000	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Future			14.60670		14.44470			0.0000	0.00	0	0
Total \$ / R MAXI Future												1,241,847.00	90	449
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Put			202,512.04850	187,277.909	25.05	0.9949	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Call			92.04850	107.909	25.05	0.0051	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Call			235.39040	296.639	22.31	0.0142	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Put			155,655.39040	140,466.639	22.31	0.9858	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Call			230.29990	289.748	22.37	0.0138	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Put			156,650.29990	141,459.748	22.37	0.9862	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.19	Call		240.61350	304.876	22.26	0.0145		0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.19	Put		154,660.61350	139,474.876	22.26	0.9855		0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.02	Call		42,198.09940	48,308.066	16.94	0.4989		0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.02	Put		63,958.09940	54,608.066	16.94	0.5011		0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.03	Call		41,848.06360	47,910.390	16.96	0.4958		0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.03	Put		64,608.06360	55,210.390	16.96	0.5042		0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.04	Call		41,500.84580	47,515.472	16.98	0.4928		0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.04	Put		65,260.84580	55,815.472	16.98	0.5072		0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Call		56,439.85700	62,226.178	17.81	0.4723		0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Put		97,149.85700	87,256.178	17.81	0.5277		0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.37	Call		56,120.46800	61,873.927	17.83	0.4703		0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.37	Put		97,830.46800	87,903.927	17.83	0.5297		0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Call		55,802.97260	61,523.706	17.84	0.4682		0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Put		98,512.97260	88,553.706	17.84	0.5318		0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.69	Call		69,345.53230	75,074.034	18.36	0.4625		0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.69	Put		126,895.53230	116,764.034	18.36	0.5375		0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.70	Call		69,045.63300	74,748.760	18.38	0.4610		0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.70	Put		127,595.63300	117,438.760	18.38	0.5390		0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.71	Call		68,746.69160	74,425.534	18.39	0.4594		0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.71	Put		128,296.69160	118,115.534	18.39	0.5406		0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.03	Call		114,029.40050	121,759.061	17.43	0.5975		0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.03	Put		90,119.40050	81,849.061	17.43	0.4025		0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.01	Call		114,866.81710	122,649.786	17.40	0.6006		0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.01	Put		88,956.81710	80,739.786	17.40	0.3994		0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.02	Call		114,447.25550	122,203.537	17.41	0.5991		0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.02	Put		89,537.25550	81,293.537	17.41	0.4009		0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.67	Call		112,563.99210	119,018.609	18.43	0.5335		0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.67	Put		135,093.99210	125,348.609	18.43	0.4665		0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.68	Call		112,213.08160	118,646.430	18.44	0.5323		0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.68	Put		135,743.08160	125,976.430	18.44	0.4677		0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.69	Call		111,863.43920	118,274.916	18.45	0.5310		0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.69	Put		136,393.43920	126,604.916	18.45	0.4690		0.00	0	0
Total \$ / R MAXI Option											0.00	0	0
Total \$ / R MAXI											1,241,847.00	90	449
£ / R	On	30/11/2018	Foreign Exchange Future		17.56190	17.42680			0.0000		228,304.70	13	0
£ / R	On	14/12/2018	Foreign Exchange Future		17.59010	17.44960			0.0000		0.00	0	417,924
£ / R	On	31/01/2019	Foreign Exchange Future		17.74210	17.59660			0.0000		0.00	0	27
£ / R	On	18/03/2019	Foreign Exchange Future		17.88330	17.73650			0.0000		715,332.00	40	12,349
£ / R	On	29/03/2019	Foreign Exchange Future		17.91790	17.77060			0.0000		0.00	0	24
£ / R	On	14/06/2019	Foreign Exchange Future		18.15930	18.00920			0.0000		0.00	0	5,539
£ / R	On	16/09/2019	Foreign Exchange Future		18.45640	18.30390			0.0000		0.00	0	11,480
£ / R	On	13/12/2019	Foreign Exchange Future		18.74000	18.58590			0.0000		0.00	0	247
£ / R	On	16/03/2020	Foreign Exchange Future		19.05930	18.90280			0.0000		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total £ / R Future												943,636.70	53	447,590
£ / R	On	30/11/2018	Foreign Exchange Option	19.46	Put		2,033.20570	1,898.100	13.76	1.0000	0.00	0	0	
£ / R	On	30/11/2018	Foreign Exchange Option	19.46	Call		0.00570	0.000	13.76	0.0000	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	19.30	Put		1,856.25530	1,716.261	23.21	0.9782	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	19.30	Call		5.85530	6.361	23.21	0.0218	0.00	0	200	
£ / R	On	14/12/2018	Foreign Exchange Option	21.00	Put		3,550.97960	3,410.336	30.17	0.9985	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	21.00	Call		0.57960	0.436	30.17	0.0015	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Call		42.58320	60.985	17.04	0.1914	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Put		712.98320	590.885	17.04	0.8086	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Call		41.33030	59.348	17.06	0.1872	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Put		721.73030	599.248	17.06	0.8128	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Call		43.86840	62.661	17.02	0.1957	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Put		704.26840	582.561	17.02	0.8043	0.00	0	0	
£ / R	On	31/01/2019	Foreign Exchange Option	18.79	Put		1,328.77560	1,204.421	17.37	0.7782	0.00	0	0	
£ / R	On	31/01/2019	Foreign Exchange Option	18.79	Call		135.37560	156.521	17.37	0.2218	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put		788.22680	703.469	16.53	0.5109	0.00	0	500	
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Call		416.38500	467.348	16.78	0.4158	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Put		989.88500	894.048	16.78	0.5842	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Call		422.74390	474.386	16.77	0.4204	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Put		976.24390	881.086	16.77	0.5796	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	19.00	Put		0.00000	1,391.538	17.38	0.7235	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Call		110.62040	123.675	18.33	0.1418	0.00	0	500	
£ / R	On	18/03/2019	Foreign Exchange Option	19.19	Call		211.25910	237.042	17.57	0.2451	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	19.19	Put		1,664.75910	1,543.742	17.57	0.7549	0.00	0	1,000	
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Put		2,538.98610	2,403.104	18.47	0.8754	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Call		95.48610	106.404	18.47	0.1246	0.00	0	1,500	
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call		524.72680	586.769	16.53	0.4891	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Put		3,739.27240	3,593.517	19.48	0.9514	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Call		35.77240	36.817	19.48	0.0486	0.00	0	500	
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Put		2,374.12040	2,240.375	18.33	0.8582	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	19.00	Call		0.00000	274.838	17.38	0.2765	1,099,350.40	4,000	2,500	
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Call		419.55410	470.858	16.77	0.4181	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Put		983.05410	887.558	16.77	0.5819	0.00	0	0	
£ / R	On	29/03/2019	Foreign Exchange Option	18.09	Put		858.34930	771.564	16.64	0.5212	0.00	0	0	
£ / R	On	29/03/2019	Foreign Exchange Option	18.09	Call		538.94930	599.464	16.64	0.4788	0.00	0	0	
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call		640.33140	697.494	17.00	0.4431	0.00	0	0	
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put		1,261.13140	1,168.194	17.00	0.5569	0.00	0	0	
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Call		636.98290	693.889	17.01	0.4414	0.00	0	0	
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put		1,267.78290	1,174.589	17.01	0.5586	0.00	0	0	
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call		643.69540	701.121	17.00	0.4448	0.00	0	0	
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put		1,254.49540	1,161.821	17.00	0.5552	0.00	0	0	
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Call		909.36340	978.125	17.45	0.4796	0.00	0	0	
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Put		1,435.46340	1,351.725	17.45	0.5204	0.00	0	0	
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Call		916.59410	985.787	17.43	0.4823	0.00	0	0	
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Put		1,422.69410	1,339.387	17.43	0.5177	0.00	0	0	

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Call			912.97560	981.953	17.44	0.4809	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Put			1,429.07560	1,345.553	17.44	0.5191	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Call			845.26200	901.255	18.27	0.4017	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Put			2,229.36200	2,131.255	18.27	0.5983	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Call			850.64830	906.944	18.26	0.4037	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Put			2,214.74830	2,116.944	18.26	0.5963	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Call			847.95070	904.098	18.26	0.4027	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Put			2,222.05070	2,124.098	18.26	0.5973	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Call			1,060.17500	1,114.365	18.69	0.4236	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Put			2,467.37500	2,365.065	18.69	0.5764	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Call			1,065.85210	1,120.308	18.68	0.4253	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Put			2,453.05210	2,351.008	18.68	0.5747	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Call			1,063.00960	1,117.328	18.69	0.4244	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Put			2,460.20960	2,358.028	18.69	0.5756	0.00	0	0
Total £ / R Option												1,099,350.40	4,000	6,700
Total £ / R												2,042,987.10	4,053	454,290
¥ / R	On	14/12/2018	Foreign Exchange Future			0.12158		0.12055			0.0000	0.00	0	6,905
¥ / R	On	18/03/2019	Foreign Exchange Future			0.12403		0.12297			0.0000	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Future			0.12634		0.12525			0.0000	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Future			0.12888		0.12776			0.0000	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Future			0.13134		0.13020			0.0000	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Future			0.13736		0.13617			0.0000	0.00	0	0
Total ¥ / R Future												0.00	0	6,905
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Call			218.22410	265.193	18.56	0.6470	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Put			163.52410	107.494	18.56	0.3530	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Call			9.63890	11.164	20.98	0.0537	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Put			954.93890	853.464	20.98	0.9463	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Call			1,059.92770	1,160.824	23.87	0.9848	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Put			5.22770	3.124	23.87	0.0152	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Call			768.36270	820.386	22.58	0.6295	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Put			471.76270	417.286	22.58	0.3705	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Call			376.73860	392.668	23.52	0.3808	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Put			1,080.13860	989.568	23.52	0.6192	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Call			1,424.35720	1,513.052	21.63	0.8598	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Put			127.75720	109.952	21.63	0.1402	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Call			567.89880	592.160	20.33	0.4534	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			1,042.89880	957.960	20.33	0.5466	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			323.12880	332.221	21.76	0.2863	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			1,798.12880	1,698.021	21.76	0.7137	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			980.20780	1,029.249	18.47	0.6730	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			455.20780	395.049	18.47	0.3270	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.13	Call			826.03570	874.449	20.22	0.5168	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.13	Put			1,049.73570	986.349	20.22	0.4832	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
¥ / R	On	16/09/2019	Foreign Exchange Option	0.14	Call			534.97160	559.783	21.40	0.3675	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.14	Put			1,758.67160	1,671.683	21.40	0.6325	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.12	Call			1,282.22830	1,358.631	19.04	0.6934	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.12	Put			505.92830	470.532	19.04	0.3066	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.12	Call			1,544.57420	1,632.544	18.88	0.7143	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.12	Put			524.67420	498.844	18.88	0.2857	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.13	Call			1,074.41420	1,140.694	20.25	0.5607	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.13	Put			1,054.51420	1,006.994	20.25	0.4393	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.14	Call			758.89510	805.038	21.62	0.4285	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.14	Put			1,738.99510	1,671.338	21.62	0.5715	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.14	Call			1,173.75510	1,226.450	21.58	0.5180	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.14	Put			1,557.15510	1,490.350	21.58	0.4820	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.15	Call			914.00310	948.513	23.04	0.4188	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.15	Put			2,297.40310	2,212.413	23.04	0.5812	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.13	Call			1,546.87820	1,620.876	20.13	0.6387	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.13	Put			930.27820	884.776	20.13	0.3613	0.00	0	0
Total ¥ / R Option												0.00	0	0
Total ¥ / R												0.00	0	6,905
€ / R	On	30/11/2018	Foreign Exchange Future			15.62730		15.52440			0.0000	578,210.10	37	0
€ / R	On	14/12/2018	Foreign Exchange Future			15.65760		15.54880			0.0000	0.00	0	121,441
€ / R	On	21/12/2018	Foreign Exchange Future			15.67920		15.57020			0.0000	0.00	0	0
€ / R	On	03/01/2019	Foreign Exchange Future			15.73020		15.61970			0.0000	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Future			15.97490		15.86110			0.0000	7,715,876.70	483	37,087
€ / R	On	14/06/2019	Foreign Exchange Future			16.27680		16.15930			0.0000	0.00	0	4,942
€ / R	On	14/08/2019	Foreign Exchange Future			16.49080		16.37120			0.0000	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Future			16.60740		16.48710			0.0000	14,797,193.40	891	9,050
€ / R	On	13/12/2019	Foreign Exchange Future			16.91790		16.79480			0.0000	0.00	0	277
€ / R	On	16/03/2020	Foreign Exchange Future			17.22290		17.09800			0.0000	0.00	0	0
Total € / R Future												23,091,280.20	1,411	172,797
€ / R	On	30/11/2018	Foreign Exchange Option	17.04	Put			1,515.62950	1,412.700	10.33	1.0000	0.00	0	0
€ / R	On	30/11/2018	Foreign Exchange Option	17.04	Call			0.02950	0.000	10.33	0.0000	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Call			0.69720	0.657	24.50	0.0029	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Put			2,341.89720	2,233.057	24.50	0.9971	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Call			0.68610	0.645	24.54	0.0029	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Put			2,351.88610	2,243.045	24.54	0.9971	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Call			0.70850	0.669	24.45	0.0030	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Put			2,331.90850	2,223.069	24.45	0.9970	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	21.00	Put			5,451.21380	5,342.434	40.27	0.9999	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	21.00	Call			0.01380	0.034	40.27	0.0001	0.00	0	0
€ / R	On	21/12/2018	Foreign Exchange Option	15.83	Put			390.77500	308.986	14.97	0.5982	0.00	0	32,000
€ / R	On	21/12/2018	Foreign Exchange Option	15.83	Call			130.97500	158.186	14.97	0.4018	0.00	0	0
€ / R	On	03/01/2019	Foreign Exchange Option	15.85	Put			421.84410	339.718	14.34	0.5602	0.00	0	13,000
€ / R	On	03/01/2019	Foreign Exchange Option	15.85	Call			191.54410	219.918	14.34	0.4398	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put		702.47660	631.256	15.80	0.5277	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Put		3,814.34770	3,703.401	21.05	0.9601	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Call		25.44770	28.301	21.05	0.0399	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put		709.04840	637.516	15.82	0.5305	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call		426.74970	468.701	15.84	0.4667	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Put		715.64970	643.801	15.84	0.5333	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Call		167.67340	184.038	17.96	0.2164	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Put		1,636.57340	1,539.138	17.96	0.7836	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call		433.57660	476.156	15.80	0.4723	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Call		661.30650	724.538	15.05	0.6297	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Put		400.20650	349.638	15.05	0.3703	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put		619.44930	552.472	15.56	0.4905	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call		480.54930	527.372	15.56	0.5095	0.00	0	650
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call		430.14840	472.416	15.82	0.4695	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call		525.08490	562.041	16.96	0.4125	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put		1,225.78490	1,145.241	16.96	0.5875	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call		522.30860	559.068	16.97	0.4108	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put		1,233.00860	1,152.269	16.97	0.5892	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Call		519.54330	556.113	16.99	0.4090	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put		1,240.24330	1,159.313	16.99	0.5910	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Put		708.39390	643.800	15.71	0.3894	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Call		1,049.59390	1,104.600	15.71	0.6106	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Put		3,516.10210	3,406.620	20.48	0.8249	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Call		237.30210	247.420	20.48	0.1751	0.00	0	62,400
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Call		956.21610	1,006.603	15.99	0.5719	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Put		825.01610	755.803	15.99	0.4281	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Call		680.22960	716.517	17.02	0.4421	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Put		1,319.02960	1,235.717	17.02	0.5579	0.00	0	16,200
€ / R	On	16/09/2019	Foreign Exchange Option	18.60	Call		426.88900	446.364	18.98	0.2793	0.00	0	55,000
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Call		580.20530	606.596	17.93	0.3643	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Put		1,873.10530	1,779.196	17.93	0.6357	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Call		577.99960	604.280	17.94	0.3631	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Put		1,880.89960	1,786.880	17.94	0.6369	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Call		582.42670	608.923	17.91	0.3654	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Put		1,865.32670	1,771.523	17.91	0.6346	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.60	Put		2,539.78900	2,438.964	18.98	0.7207	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Put		1,997.25720	1,900.829	17.90	0.6019	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Call		766.92930	793.790	17.88	0.4002	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Put		1,982.12930	1,885.890	17.88	0.5998	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	16.15	Put		781.66420	709.902	15.65	0.3552	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	20.62	Put		4,210.43600	4,090.222	21.15	0.7916	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	20.62	Call		385.23600	388.122	21.15	0.2084	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Call		764.48850	791.255	17.89	0.3991	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Put		1,989.68850	1,893.355	17.89	0.6009	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Call		762.05720	788.729	17.90	0.3981	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	13.73	Call		3,176.92540	3,283.708	15.18	0.9234	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
€ / R	On	13/12/2019	Foreign Exchange Option	13.73	Put			112.12540	95.808	15.18	0.0766	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	16.15	Call			1,426.46420	1,477.802	15.65	0.6448	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Call			908.51420	939.323	18.23	0.4097	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Put			2,260.51420	2,166.423	18.23	0.5903	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Call			906.06730	936.781	18.24	0.4088	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Put			2,268.06730	2,173.881	18.24	0.5912	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Call			903.62860	934.247	18.25	0.4079	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Put			2,275.62860	2,181.347	18.25	0.5921	0.00	0	0
Total € / R Option												0.00	0	232,086
Total € / R												23,091,280.20	1,411	404,883
AUS / R	On	14/12/2018	Foreign Exchange Future			10.06860		9.99310			0.0000	0.00	0	19,696
AUS / R	On	18/03/2019	Foreign Exchange Future			10.20090		10.12410			0.0000	0.00	0	324
AUS / R	On	14/06/2019	Foreign Exchange Future			10.32970		10.25090			0.0000	0.00	0	4,934
AUS / R	On	16/09/2019	Foreign Exchange Future			10.46900		10.38900			0.0000	0.00	0	0
AUS / R	On	13/12/2019	Foreign Exchange Future			10.60220		10.52020			0.0000	0.00	0	0
AUS / R	On	16/03/2020	Foreign Exchange Future			10.75350		10.67060			0.0000	0.00	0	0
Total AUS / R Future												0.00	0	24,954
AUS / R	On	14/12/2018	Foreign Exchange Option	11.47	Call			0.22760	0.214	22.53	0.0017	0.00	0	0
AUS / R	On	14/12/2018	Foreign Exchange Option	11.47	Put			1,477.12760	1,401.614	22.53	0.9983	0.00	0	0
AUS / R	On	14/12/2018	Foreign Exchange Option	11.48	Call			0.21990	0.205	22.58	0.0016	0.00	0	0
AUS / R	On	14/12/2018	Foreign Exchange Option	11.48	Put			1,487.11990	1,411.605	22.58	0.9984	0.00	0	0
AUS / R	On	14/12/2018	Foreign Exchange Option	11.49	Call			0.21260	0.196	22.64	0.0016	0.00	0	0
AUS / R	On	14/12/2018	Foreign Exchange Option	11.49	Put			1,497.11260	1,421.596	22.64	0.9984	0.00	0	0
AUS / R	On	18/03/2019	Foreign Exchange Option	10.36	Call			196.48480	221.976	13.21	0.4288	0.00	0	0
AUS / R	On	18/03/2019	Foreign Exchange Option	10.36	Put			432.38480	381.076	13.21	0.5712	0.00	0	0
AUS / R	On	18/03/2019	Foreign Exchange Option	10.37	Call			193.44280	218.568	13.24	0.4238	0.00	0	0
AUS / R	On	18/03/2019	Foreign Exchange Option	10.37	Put			439.34280	387.668	13.24	0.5762	0.00	0	0
AUS / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			199.57220	225.434	13.19	0.4339	0.00	0	0
AUS / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			425.47220	374.534	13.19	0.5661	0.00	0	0
AUS / R	On	14/06/2019	Foreign Exchange Option	11.01	Call			179.18470	195.163	14.66	0.2947	0.00	0	0
AUS / R	On	14/06/2019	Foreign Exchange Option	11.01	Put			938.28470	875.463	14.66	0.7053	0.00	0	0
AUS / R	On	14/06/2019	Foreign Exchange Option	11.02	Call			177.34850	193.140	14.68	0.2921	0.00	0	0
AUS / R	On	14/06/2019	Foreign Exchange Option	11.02	Put			946.44850	883.440	14.68	0.7079	0.00	0	0
AUS / R	On	14/06/2019	Foreign Exchange Option	11.00	Call			181.04160	197.208	14.64	0.2973	0.00	0	0
AUS / R	On	14/06/2019	Foreign Exchange Option	11.00	Put			930.14160	867.508	14.64	0.7027	0.00	0	0
AUS / R	On	16/09/2019	Foreign Exchange Option	10.76	Call			378.63900	406.907	14.32	0.4400	0.00	0	0
AUS / R	On	16/09/2019	Foreign Exchange Option	10.76	Put			749.63900	697.907	14.32	0.5600	0.00	0	0
AUS / R	On	16/09/2019	Foreign Exchange Option	10.77	Call			375.57360	403.636	14.33	0.4372	0.00	0	0
AUS / R	On	16/09/2019	Foreign Exchange Option	10.77	Put			756.57360	704.636	14.33	0.5628	0.00	0	0
AUS / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			381.73340	410.204	14.30	0.4427	0.00	0	0
AUS / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			742.73340	691.204	14.30	0.5573	0.00	0	0
AUS / R	On	13/12/2019	Foreign Exchange Option	10.89	Call			473.48820	503.140	14.61	0.4579	0.00	0	0
AUS / R	On	13/12/2019	Foreign Exchange Option	10.89	Put			843.28820	790.940	14.61	0.5421	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Call			470.31000	499.781	14.62	0.4555	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Put			850.11000	797.581	14.62	0.5445	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Call			467.14960	496.444	14.64	0.4532	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Put			856.94960	804.244	14.64	0.5468	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Call			571.83040	600.335	15.05	0.4686	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Put			961.23040	906.835	15.05	0.5314	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Call			568.58100	596.930	15.06	0.4666	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Put			967.98100	913.430	15.06	0.5334	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Call			575.10380	603.761	15.03	0.4707	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Put			954.50380	900.261	15.03	0.5293	0.00	0	0
Total AU\$ / R Option												0.00	0	0
Total AU\$ / R												0.00	0	24,954
CAD/ R	On	14/12/2018	Foreign Exchange Future			10.35840		10.28850			0.0000	0.00	0	700
CAD/ R	On	18/03/2019	Foreign Exchange Future			10.49990		10.42810			0.0000	0.00	0	250
CAD/ R	On	14/06/2019	Foreign Exchange Future			10.63100		10.55720			0.0000	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Future			10.64710		10.57280			0.0000	0.00	0	250
CAD/ R	On	13/12/2019	Foreign Exchange Future			10.78530		10.70860			0.0000	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Future			10.91970		10.84080			0.0000	0.00	0	0
Total CAD/ R Future												0.00	0	1,200
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Call			810.10920	879.324	18.69	0.9927	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Put			1.60920	0.925	18.69	0.0073	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Call			800.17430	869.371	18.60	0.9923	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Put			1.67430	0.971	18.60	0.0077	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Call			820.04680	889.280	18.77	0.9930	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Put			1.54680	0.880	18.77	0.0070	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Call			208.50810	230.481	14.46	0.4066	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Put			510.40810	460.581	14.46	0.5934	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Call			205.63390	227.301	14.48	0.4022	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Put			517.53390	467.401	14.48	0.5978	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Call			211.42330	233.705	14.43	0.4110	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Put			503.32330	453.806	14.43	0.5890	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Call			356.17480	382.628	14.76	0.4635	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Put			598.97480	551.628	14.76	0.5365	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Call			352.83220	379.043	14.78	0.4602	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Put			605.63220	558.043	14.78	0.5398	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Call			359.54540	386.243	14.74	0.4668	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Put			592.34540	545.243	14.74	0.5332	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Call			310.47320	328.586	16.06	0.3470	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Put			1,117.67320	1,061.486	16.06	0.6530	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Call			308.28200	326.258	16.08	0.3449	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Put			1,125.48200	1,069.158	16.08	0.6551	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Call			306.11150	323.947	16.10	0.3429	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Put			1,133.31150	1,076.847	16.10	0.6571	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Call			403.38540	423.352	16.36	0.3734	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Put			1,234.78540	1,178.052	16.36	0.6266	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Call			401.03820	420.886	16.38	0.3716	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Put			1,242.43820	1,185.586	16.38	0.6284	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Call			405.74410	425.839	16.35	0.3752	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Put			1,227.14410	1,170.539	16.35	0.6248	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Call			499.66690	519.414	16.60	0.3948	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Put			1,348.86690	1,289.714	16.60	0.6052	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Call			497.17430	516.809	16.61	0.3932	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Put			1,356.37430	1,297.109	16.61	0.6068	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Call			502.16910	522.034	16.58	0.3964	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Put			1,341.36910	1,282.334	16.58	0.6036	0.00	0	0
Total CAD/ R Option												0.00	0	0
Total CAD/ R												0.00	0	1,200
CF CANDCO	On	18/03/2019	Foreign Exchange Future			98.44000		78.25000			0.0000	0.00	0	10,000
Total CF CANDO CAHF Future												0.00	0	10,000
Total CF CANDO CAHF												0.00	0	10,000
CHF / R	On	14/12/2018	Foreign Exchange Future			13.82000		13.71290			0.0000	0.00	0	1,266
CHF / R	On	18/03/2019	Foreign Exchange Future			14.11660		14.00450			0.0000	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Future			14.39750		14.28240			0.0000	0.00	0	150
CHF / R	On	16/09/2019	Foreign Exchange Future			14.70440		14.58770			0.0000	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Future			14.99400		14.87470			0.0000	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Future			15.61370		15.49110			0.0000	0.00	0	0
Total CHF / R Future												0.00	0	1,416
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Call			533.24700	627.583	16.86	0.9168	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Put			30.34700	17.583	16.86	0.0832	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			524.46590	618.341	16.83	0.9136	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			31.56590	18.341	16.83	0.0864	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			542.06970	636.853	16.89	0.9198	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			29.16970	16.853	16.89	0.0802	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Call			324.63990	358.350	16.64	0.4099	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Put			790.13990	711.750	16.64	0.5901	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			321.80330	355.240	16.66	0.4070	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			797.30330	718.640	16.66	0.5930	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			327.49850	361.491	16.62	0.4127	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			782.99850	704.891	16.62	0.5873	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			542.73200	583.218	17.34	0.4537	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			990.33200	915.718	17.34	0.5463	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			539.56200	579.812	17.35	0.4517	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			997.16200	922.312	17.35	0.5483	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			545.92090	586.640	17.32	0.4558	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			983.52090	909.140	17.32	0.5442	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Call			574.31200	605.452	18.97	0.3824	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Put			1,676.61200	1,591.052	18.97	0.6176	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Call			572.00590	603.005	18.99	0.3811	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Put			1,684.30590	1,598.605	18.99	0.6189	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Call			576.62940	607.911	18.96	0.3837	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Put			1,668.92940	1,583.511	18.96	0.6163	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Call			750.65680	785.119	19.19	0.4134	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Put			1,825.95680	1,741.119	19.19	0.5866	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Call			748.17210	782.503	19.20	0.4123	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Put			1,833.47210	1,748.503	19.20	0.5877	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Call			745.69760	779.904	19.22	0.4111	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Put			1,840.99760	1,755.904	19.22	0.5889	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Call			953.59590	989.309	19.75	0.4331	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Put			2,092.49590	2,005.609	19.75	0.5669	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Call			951.06300	986.666	19.76	0.4321	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Put			2,099.96300	2,012.966	19.76	0.5679	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Call			956.13080	991.961	19.74	0.4340	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Put			2,085.03080	1,998.260	19.74	0.5660	0.00	0	0
Total CHF / R Option												0.00	0	0
Total CHF / R												0.00	0	1,416
CNH / R	On	14/12/2018	Foreign Exchange Future			1.98560		1.96670			0.0000	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Future			2.00280		1.98440			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.02140		2.00300			0.0000	0.00	0	0
Total CNH / R Future												0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Call			608.56990	781.724	15.13	0.9074	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Put			41.56990	25.724	15.13	0.0926	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Call			527.82210	692.549	15.06	0.8757	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Put			60.82210	36.549	15.06	0.1243	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Call			694.29930	873.737	15.20	0.9325	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Put			27.29930	17.737	15.20	0.0675	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Put			1,439.78550	1,295.072	15.85	0.6938	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Call			326.65450	372.881	15.61	0.3435	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Put			1,282.65450	1,144.881	15.61	0.6565	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Call			304.46900	347.125	15.73	0.3244	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Put			1,360.46900	1,219.125	15.73	0.6756	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Call			283.78550	323.072	15.85	0.3062	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			1,000.69640	1,099.173	15.00	0.5961	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			770.69640	685.173	15.00	0.4039	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			952.33600	1,046.383	15.02	0.5782	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			822.33600	732.383	15.02	0.4218	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			1,050.91050	1,153.817	14.97	0.6140	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			720.91050	639.817	14.97	0.3860	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total CNH / R Option												0.00	0	0
Total CNH / R												0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Future			2.10650		2.09140			0.0000	0.00	0	140
DKK / R	On	18/03/2019	Foreign Exchange Future			2.14970		2.13400			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.19180		2.17600			0.0000	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Future			2.23730		2.22100			0.0000	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Future			2.35880		2.34140			0.0000	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Future			2.40890		2.39080			0.0000	0.00	0	0
Total DKK / R Future												0.00	0	140
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Put			203.39240	133.183	14.86	0.3265	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Call			259.62300	329.318	14.50	0.6145	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Put			245.62300	164.318	14.50	0.3855	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Call			208.09270	266.399	14.15	0.5499	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Put			294.09270	201.399	14.15	0.4501	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Call			317.39240	398.183	14.86	0.6735	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Put			1,558.84660	1,434.693	15.87	0.7041	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Call			342.19240	379.706	15.67	0.3299	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Put			1,402.19240	1,282.706	15.67	0.6701	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Call			320.29200	355.151	15.78	0.3126	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Put			1,480.29200	1,358.151	15.78	0.6874	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Call			298.84660	331.693	15.87	0.2959	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			1,135.07960	1,220.738	14.84	0.6081	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			775.07960	702.738	14.84	0.3919	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			1,086.58530	1,169.039	14.90	0.5913	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			826.58530	751.039	14.90	0.4087	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			1,039.83520	1,119.099	14.97	0.5746	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			879.83520	801.099	14.97	0.4254	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Call			724.36190	769.262	16.66	0.3661	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Put			2,314.36190	2,196.262	16.66	0.6339	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Call			700.94670	744.343	16.73	0.3564	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Put			2,390.94670	2,271.343	16.73	0.6436	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Call			678.34560	720.290	16.81	0.3470	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Put			2,468.34560	2,347.290	16.81	0.6530	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Call			967.36540	1,018.567	17.59	0.3813	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Put			2,853.36540	2,730.567	17.59	0.6187	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Call			943.44920	993.648	17.66	0.3737	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Put			2,929.44920	2,805.648	17.66	0.6263	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Call			920.18580	969.415	17.73	0.3662	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Put			3,006.18580	2,881.415	17.73	0.6338	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Put			3,422.13390	3,287.163	18.12	0.6197	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Call			1,177.70590	1,225.820	18.00	0.3933	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Put			3,269.70590	3,136.820	18.00	0.6067	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Call			1,153.62890	1,200.694	18.06	0.3868	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Put			3,345.62890	3,211.694	18.06	0.6132	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Call			1,130.13390	1,176.163	18.12	0.3803	0.00	0	0
Total DKK / R Option												0.00	0	0
Total DKK / R												0.00	0	140
HK\$/R	On	14/12/2018	Foreign Exchange Future			1.76450		1.74500			0.0000	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Future			1.78910		1.76920			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			1.81160		1.79130			0.0000	0.00	0	0
Total HK\$/R Future												0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Call			1,852.01350	2,046.250	24.41	0.9953	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Put			2.01350	1.250	24.41	0.0047	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Call			1,752.62880	1,946.603	23.93	0.9941	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Put			2.62880	1.603	23.93	0.0059	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Call			1,653.43180	1,847.059	23.45	0.9924	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Put			3.43180	2.059	23.45	0.0076	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Call			563.99590	648.223	16.81	0.5160	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Put			771.99590	657.223	16.81	0.4840	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Call			527.12990	606.007	16.93	0.4921	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Put			835.12990	715.007	16.93	0.5079	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Call			603.16230	692.891	16.70	0.5404	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Put			711.16230	601.891	16.70	0.4596	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			1,049.61900	1,159.354	16.82	0.6164	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			736.61900	643.354	16.82	0.3836	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			1,003.27390	1,108.649	16.92	0.5985	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			790.27390	692.649	16.92	0.4015	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			1,097.88240	1,212.019	16.71	0.6345	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			684.88240	596.019	16.71	0.3655	0.00	0	0
Total HK\$/R Option												0.00	0	0
Total HK\$/R												0.00	0	0
KES / R	On	14/12/2018	Foreign Exchange Future			0.13440		0.13280			0.0000	0.00	0	0
KES / R	On	18/03/2019	Foreign Exchange Future			0.13350		0.13270			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.13220		0.13240			0.0000	0.00	0	2,166
KES / R	On	16/09/2019	Foreign Exchange Future			0.13130		0.13220			0.0000	0.00	0	0
KES / R	On	13/12/2019	Foreign Exchange Future			0.13060		0.13100			0.0000	0.00	0	0
KES / R	On	16/03/2020	Foreign Exchange Future			0.12990		0.12980			0.0000	0.00	0	0
Total KES / R Future												0.00	0	2,166
Total KES / R												0.00	0	2,166
NOK/R	On	14/12/2018	Foreign Exchange Future			1.60870		1.60250			0.0000	0.00	0	0
NOK/R	On	18/03/2019	Foreign Exchange Future			1.63400		1.62770			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.65860		1.65210			0.0000	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total NOK/R Future												0.00	0	0
Total NOK/R												0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Future			9.46410		9.36560			0.0000	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Future			9.58830		9.48870			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			9.71020		9.60840			0.0000	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Future			9.84170		9.73760			0.0000	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Future			10.32760		10.21770			0.0000	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Future			10.46890		10.35730			0.0000	0.00	0	0
Total NZ\$ / R Future												0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Call			441.43840	537.626	15.95	0.9696	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Put			5.83840	3.526	15.95	0.0304	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Call			431.75900	527.846	15.86	0.9678	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Put			6.15900	3.746	15.86	0.0322	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Call			451.13610	547.420	16.04	0.9713	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Put			5.53610	3.320	16.04	0.0287	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Call			251.70100	299.085	12.97	0.5484	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Put			293.00100	240.785	12.97	0.4516	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Call			247.71760	294.113	12.98	0.5425	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Put			299.01760	245.813	12.98	0.4575	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Call			255.74440	304.119	12.96	0.5544	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Put			287.04440	235.819	12.96	0.4456	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			270.44440	305.654	14.01	0.4377	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			582.04440	515.454	14.01	0.5623	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			267.44040	302.282	14.03	0.4340	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			589.04040	522.082	14.03	0.5660	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			273.48160	309.059	13.99	0.4414	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			575.08160	508.859	13.99	0.5586	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Call			455.96760	501.729	14.32	0.5260	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Put			558.36760	500.029	14.32	0.4740	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Call			452.16830	497.434	14.34	0.5228	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Put			564.56830	505.734	14.34	0.4772	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Call			448.39610	493.336	14.35	0.5197	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Put			570.79610	511.636	14.35	0.4803	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Call			585.72150	632.425	15.35	0.5256	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Put			718.02150	654.825	15.35	0.4744	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Call			582.07250	628.511	15.36	0.5232	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Put			724.37250	660.911	15.36	0.4768	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Call			589.39450	636.473	15.33	0.5280	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Put			711.69450	648.873	15.33	0.4720	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Call			684.40830	729.587	15.88	0.5252	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Put			847.10830	780.687	15.88	0.4748	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Call			680.77810	725.733	15.89	0.5232	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Put			853.47810	786.833	15.89	0.4768	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.51	Call			688.06370	733.458	15.86	0.5273	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.51	Put			840.76370	774.558	15.86	0.4727	0.00	0	0
Total NZ\$ / R Option												0.00	0	0
Total NZ\$ / R												0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Future			1.31050		1.30060			0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Future			1.31810		1.30450			0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Future			1.32430		1.30820			0.0000	0.00	0	0
Total PULA / R Future												0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Call			406.00000	505.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.27	Call			306.00000	405.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.27	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.25	Call			506.00000	605.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.25	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Put			355.00000	219.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Put			455.00000	319.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.33	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.33	Put			255.00000	119.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.32	Call			0.00000	43.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.32	Put			118.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.33	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.33	Put			218.00000	57.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.31	Call			0.00000	143.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.31	Put			18.00000	0.000		0.0000	0.00	0	0
Total PULA / R Option												0.00	0	0
Total PULA / R												0.00	0	0
QUANTO £	On	14/12/2018	Foreign Exchange Future			1.27480		1.27880			0.0000	0.00	0	250
QUANTO £	On	18/03/2019	Foreign Exchange Future			1.28130		1.28500			0.0000	0.00	0	0
QUANTO £	On	14/06/2019	Foreign Exchange Future			1.28700		1.29070			0.0000	0.00	0	0
QUANTO £	On	16/09/2019	Foreign Exchange Future			1.29310		1.29680			0.0000	0.00	0	0
QUANTO £	On	13/12/2019	Foreign Exchange Future			1.29880		1.30250			0.0000	0.00	0	0
QUANTO £	On	16/03/2020	Foreign Exchange Future			1.30480		1.30860			0.0000	0.00	0	0
Total QUANTO £ / \$ Future												0.00	0	250
Total QUANTO £ / \$												0.00	0	250
QUANTO €	On	14/12/2018	Foreign Exchange Future			1.13480		1.13950			0.0000	0.00	0	55
QUANTO €	On	18/03/2019	Foreign Exchange Future			1.14460		1.14920			0.0000	0.00	0	0
QUANTO €	On	14/06/2019	Foreign Exchange Future			1.15360		1.15810			0.0000	0.00	0	582

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
QUANTO €	On	16/09/2019	Foreign Exchange Future			1.16350		1.16810			0.0000	0.00	0	0
QUANTO €	On	13/12/2019	Foreign Exchange Future			1.17250		1.17700			0.0000	0.00	0	0
QUANTO €	On	16/03/2020	Foreign Exchange Future			1.17910		1.18370			0.0000	0.00	0	0
Total QUANTO € / \$ Future												0.00	0	637
Total QUANTO € / \$												0.00	0	637
R / ¥	EN	On	14/12/2018	Foreign Exchange Future		8.22520	0.12135	8.29550			0.0000	0.00	0	0
Total R / ¥EN Future												0.00	0	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.82	Call	0.12135	4,933.15650	4,247.613	21.70	0.8869	0.00	0	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.82	Put	0.12135	178.15650	195.613	21.70	0.1131	0.00	0	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.83	Call	0.12135	4,840.92700	4,156.624	21.59	0.8821	0.00	0	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.83	Put	0.12135	185.92700	204.624	21.59	0.1179	0.00	0	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.81	Call	0.12135	5,025.70470	4,338.989	21.81	0.8914	0.00	0	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.81	Put	0.12135	170.70470	186.989	21.81	0.1086	0.00	0	0
Total R / ¥EN Option												0.00	0	0
Total R / ¥EN												0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Future			10.06140		9.95880			0.0000	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Future			10.20160		10.09680			0.0000	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Future			10.33920		10.23260			0.0000	0.00	0	0
Total SGD / R Future												0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Call			593.22340	693.634	17.43	0.9822	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Put			4.42340	2.234	17.43	0.0178	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Call			583.43480	683.753	17.34	0.9813	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Put			4.63480	2.353	17.34	0.0187	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Call			603.02240	703.522	17.52	0.9831	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Put			4.22240	2.122	17.52	0.0169	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Call			223.49610	260.145	14.57	0.4481	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Put			466.69610	398.545	14.57	0.5519	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			220.35900	256.538	14.60	0.4435	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			473.55900	404.938	14.60	0.5565	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			226.67280	263.795	14.55	0.4528	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			459.87280	392.195	14.55	0.5472	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Call			554.33690	615.078	14.27	0.6448	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Put			321.73690	275.878	14.27	0.3552	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Call			549.12300	609.433	14.29	0.6411	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Put			326.52300	280.233	14.29	0.3589	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Call			559.59010	620.763	14.26	0.6484	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Put			316.99010	271.563	14.26	0.3516	0.00	0	0
Total SGD / R Option												0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total SGD / R									0.00	0	0
TRY / R On 14/12/2018 Foreign Exchange Future			2.63360		2.62590			0.0000	0.00	0	0
TRY / R On 18/03/2019 Foreign Exchange Future			2.53360		2.52780			0.0000	0.00	0	0
TRY / R On 14/06/2019 Foreign Exchange Future			2.45150		2.44310			0.0000	0.00	0	0
Total TRY / R Future									0.00	0	0
TRY / R On 14/12/2018 Foreign Exchange Option	2.97	Call			1.41590	1.169	29.76	0.0210	0.00	0	0
TRY / R On 14/12/2018 Foreign Exchange Option	2.97	Put			345.51590	337.569	29.76	0.9790	0.00	0	0
TRY / R On 14/12/2018 Foreign Exchange Option	2.98	Call			1.30690	1.069	30.06	0.0192	0.00	0	0
TRY / R On 14/12/2018 Foreign Exchange Option	2.98	Put			355.40690	347.469	30.06	0.9808	0.00	0	0
TRY / R On 14/12/2018 Foreign Exchange Option	2.96	Call			1.53610	1.281	29.47	0.0230	0.00	0	0
TRY / R On 14/12/2018 Foreign Exchange Option	2.96	Put			335.63610	327.681	29.47	0.9770	0.00	0	0
TRY / R On 18/03/2019 Foreign Exchange Option	2.74	Put			253.26360	247.489	20.35	0.7429	0.00	0	0
TRY / R On 18/03/2019 Foreign Exchange Option	2.72	Call			45.09950	45.190	20.23	0.2775	0.00	0	0
TRY / R On 18/03/2019 Foreign Exchange Option	2.72	Put			237.29950	231.590	20.23	0.7225	0.00	0	0
TRY / R On 18/03/2019 Foreign Exchange Option	2.73	Call			43.03750	43.094	20.29	0.2672	0.00	0	0
TRY / R On 18/03/2019 Foreign Exchange Option	2.73	Put			245.23750	239.494	20.29	0.7328	0.00	0	0
TRY / R On 18/03/2019 Foreign Exchange Option	2.74	Call			41.06360	41.089	20.35	0.2571	0.00	0	0
TRY / R On 14/06/2019 Foreign Exchange Option	3.53	Call			3.85640	4.061	24.45	0.0259	0.00	0	0
TRY / R On 14/06/2019 Foreign Exchange Option	3.53	Put			1,090.75640	1,082.561	24.45	0.9741	0.00	0	0
TRY / R On 14/06/2019 Foreign Exchange Option	3.54	Call			3.69890	3.897	24.45	0.0249	0.00	0	0
TRY / R On 14/06/2019 Foreign Exchange Option	3.54	Put			1,100.59890	1,092.397	24.45	0.9751	0.00	0	0
TRY / R On 14/06/2019 Foreign Exchange Option	3.52	Call			4.02020	4.233	24.45	0.0268	0.00	0	0
TRY / R On 14/06/2019 Foreign Exchange Option	3.52	Put			1,080.92020	1,072.733	24.45	0.9732	0.00	0	0
Total TRY / R Option									0.00	0	0
Total TRY / R									0.00	0	0
Total Futures									711 265 743.30	51,189	1,617,102
Total Options									1 185 465.62	4,200	8,830,916
Grand Total:									712,451,208.92	55,389	10,448,018