



Johannesburg
Stock Exchange

One Exchange Square,
Gwen Lane,
Sandown, South Africa
Private Bag X991174
Sandton 2146

Tel: +27 11 520 7000
Fax: +27 11 520 8584

www.jse.co.za

Registration number: 2005/022939/06
VAT number: 4080119391

CURRENCY DERIVATIVES

CURRENCY DERIVATIVES DAILY MTM REPORT

DAILY SUMMARY FOR: 29/11/2018

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 29/11/2018 Foreign Exchange Future			13.62780		13.96610			0.0000	6,282,415.80	461	0
\$ / R On 30/11/2018 Foreign Exchange Future			13.63260		13.96610			0.0000	0.00	0	1,535
\$ / R On 03/12/2018 Foreign Exchange Future			13.63260		13.96860			0.0000	2,263,011.60	166	0
\$ / R On 05/12/2018 Foreign Exchange Future			13.63100		13.97240			0.0000	0.00	0	0
\$ / R On 06/12/2018 Foreign Exchange Future			13.63270		13.97430			0.0000	0.00	0	0
\$ / R On 07/12/2018 Foreign Exchange Future			13.63430		13.97610			0.0000	0.00	0	500
\$ / R On 11/12/2018 Foreign Exchange Future			13.64090		13.98290			0.0000	0.00	0	0
\$ / R On 12/12/2018 Foreign Exchange Future			13.64260		13.98450			0.0000	0.00	0	3,672
\$ / R On 14/12/2018 Foreign Exchange Future			13.64580		13.98790			0.0000	1,403,729,800.20	102,869	736,608
\$ / R On 20/12/2018 Foreign Exchange Future			13.65550		13.99800			0.0000	0.00	0	0
\$ / R On 21/12/2018 Foreign Exchange Future			13.65710		13.99970			0.0000	0.00	0	0
\$ / R On 31/12/2018 Foreign Exchange Future			13.67330		14.01650			0.0000	0.00	0	1,760
\$ / R On 02/01/2019 Foreign Exchange Future			13.67660		14.01980			0.0000	0.00	0	55
\$ / R On 03/01/2019 Foreign Exchange Future			13.67820		14.02150			0.0000	0.00	0	0
\$ / R On 07/01/2019 Foreign Exchange Future			13.68480		14.02830			0.0000	0.00	0	0
\$ / R On 15/01/2019 Foreign Exchange Future			13.69790		14.04190			0.0000	0.00	0	150
\$ / R On 16/01/2019 Foreign Exchange Future			13.69960		14.04350			0.0000	0.00	0	20
\$ / R On 18/01/2019 Foreign Exchange Future			13.70290		14.04690			0.0000	0.00	0	0
\$ / R On 25/01/2019 Foreign Exchange Future			13.71440		14.05880			0.0000	0.00	0	51
\$ / R On 30/01/2019 Foreign Exchange Future			13.72260		14.06730			0.0000	0.00	0	55
\$ / R On 31/01/2019 Foreign Exchange Future			13.72430		14.06900			0.0000	2,744,860.00	200	1,249

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	13/02/2019	Foreign Exchange Future			13.74620		14.09170			0.0000	0.00	0	70
\$ / R	On	15/02/2019	Foreign Exchange Future			13.74960		14.09520			0.0000	0.00	0	6
\$ / R	On	25/02/2019	Foreign Exchange Future			13.76650		14.11270			0.0000	0.00	0	15
\$ / R	On	28/02/2019	Foreign Exchange Future			13.77160		14.11800			0.0000	2,754,320.00	200	4,705
\$ / R	On	05/03/2019	Foreign Exchange Future			13.78010		14.12670			0.0000	0.00	0	80
\$ / R	On	18/03/2019	Foreign Exchange Future			13.80240		14.14950			0.0000	93,193,804.80	6,752	64,128
\$ / R	On	27/03/2019	Foreign Exchange Future			13.81780		14.16530			0.0000	0.00	0	3,731
\$ / R	On	29/03/2019	Foreign Exchange Future			13.82120		14.16880			0.0000	2,764,240.00	200	4,356
\$ / R	On	02/04/2019	Foreign Exchange Future			13.82800		14.17580			0.0000	0.00	0	55
\$ / R	On	26/04/2019	Foreign Exchange Future			13.86900		14.21790			0.0000	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Future			13.87590		14.22490			0.0000	2,775,180.00	200	1,280
\$ / R	On	31/05/2019	Foreign Exchange Future			13.92890		14.27930			0.0000	0.00	0	55
\$ / R	On	03/06/2019	Foreign Exchange Future			13.93400		14.28460			0.0000	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Future			13.95290		14.30410			0.0000	167,434.80	12	18,736
\$ / R	On	20/06/2019	Foreign Exchange Future			13.96320		14.31470			0.0000	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Future			13.97690		14.32890			0.0000	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Future			13.98200		14.33420			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			13.98550		14.33770			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			14.03350		14.38730			0.0000	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Future			14.03520		14.38910			0.0000	0.00	0	55
\$ / R	On	13/08/2019	Foreign Exchange Future			14.05580		14.41040			0.0000	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Future			14.08500		14.44050			0.0000	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Future			14.09010		14.44580			0.0000	0.00	0	55
\$ / R	On	05/09/2019	Foreign Exchange Future			14.09530		14.45120			0.0000	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Future			14.11450		14.47070			0.0000	1,693,740.00	120	14,099
\$ / R	On	30/09/2019	Foreign Exchange Future			14.13890		14.49560			0.0000	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Future			14.14230		14.49920			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			14.19290		14.55080			0.0000	0.00	0	55
\$ / R	On	29/11/2019	Foreign Exchange Future			14.24340		14.60240			0.0000	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Future			14.24860		14.60810			0.0000	0.00	0	55
\$ / R	On	13/12/2019	Foreign Exchange Future			14.26910		14.62910			0.0000	0.00	0	9,600
\$ / R	On	31/12/2019	Foreign Exchange Future			14.30270		14.66350			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			14.30640		14.66740			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			14.36060		14.72280			0.0000	0.00	0	55
\$ / R	On	02/03/2020	Foreign Exchange Future			14.41850		14.78200			0.0000	0.00	0	55
\$ / R	On	16/03/2020	Foreign Exchange Future			14.44470		14.80870			0.0000	0.00	0	3,966
\$ / R	On	02/04/2020	Foreign Exchange Future			14.47650		14.84120			0.0000	0.00	0	55
\$ / R	On	29/04/2020	Foreign Exchange Future			14.52690		14.89280			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			14.59040		14.95770			0.0000	0.00	0	1,055
\$ / R	On	12/06/2020	Foreign Exchange Future			14.60910		14.97680			0.0000	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Future			14.69510		15.06470			0.0000	0.00	0	84,000
\$ / R	On	14/09/2020	Foreign Exchange Future			14.78480		15.15640			0.0000	0.00	0	0
Total \$ / R Future												1,518,368,807.20	111,180	956,197
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Put			0.31130	0.000	18.34	0.0000	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Call			506.41130	167.800	18.34	1.0000	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	13.80	Put			26.91850	178.322	21.50	0.8597	0.00	0	1,000
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Call			193.01850	10.922	21.50	0.1403	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Call			966.18980	632.654	29.28	0.9991	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Put			0.08980	0.055	29.28	0.0009	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Put			153.14230	448.136	26.94	0.9888	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Call			0.01510	0.000	77.06	0.0000	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.80	Put			834.60740	1,167.420	44.98	0.9997	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.80	Call			0.70740	0.020	44.98	0.0003	0.00	0	600
\$ / R	On	30/11/2018	Foreign Exchange Option	13.85	Put			38.20770	224.080	22.47	0.9097	0.00	0	600
\$ / R	On	30/11/2018	Foreign Exchange Option	14.30	Put			344.57520	667.513	31.21	0.9982	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.30	Call			10.67520	0.113	31.21	0.0018	0.00	0	600
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Put			3,343.95820	3,677.400	52.00	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Call			0.05820	0.000	52.00	0.0000	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Put			2,733.91510	3,067.400	77.06	1.0000	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Call			39.24230	0.736	26.94	0.0112	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Call			14.28460	0.169	30.24	0.0026	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Put			298.18460	617.569	30.24	0.9974	0.00	0	421
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Put			854.52440	1,187.420	45.55	0.9998	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Call			0.62440	0.020	45.55	0.0002	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	13.85	Call			154.30770	6.680	22.47	0.0903	0.00	0	0
\$ / R	On	03/12/2018	Foreign Exchange Option	13.90	Put			81.32050	288.883	18.33	0.8420	0.00	0	0
\$ / R	On	03/12/2018	Foreign Exchange Option	13.90	Call			149.92050	21.483	18.33	0.1580	0.00	0	0
\$ / R	On	05/12/2018	Foreign Exchange Option	15.45	Put			1,478.32150	1,819.163	31.62	0.9989	0.00	0	23,000
\$ / R	On	05/12/2018	Foreign Exchange Option	15.45	Call			0.72150	0.163	31.62	0.0011	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.30	Call			42.50390	7.687	20.57	0.0482	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.30	Put			368.20390	674.987	20.57	0.9518	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	13.75	Call			284.16740	78.508	17.02	0.3625	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	13.75	Put			59.86740	195.808	17.02	0.6375	0.00	0	65,000
\$ / R	On	06/12/2018	Foreign Exchange Option	13.90	Call			183.18300	42.741	17.99	0.2216	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	13.90	Put			108.88300	310.041	17.99	0.7784	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	15.30	Put			1,327.12040	1,667.584	28.50	0.9982	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	15.30	Call			1.42040	0.284	28.50	0.0018	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.90	Call			4.10080	1.029	25.72	0.0066	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.90	Put			929.80080	1,268.329	25.72	0.9934	0.00	0	30,000
\$ / R	On	07/12/2018	Foreign Exchange Option	14.65	Put			684.73080	1,018.377	22.60	0.9835	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	14.65	Call			10.83080	2.677	22.60	0.0165	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	13.75	Call			291.58850	87.815	17.07	0.3738	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	13.50	Put			20.30110	80.949	17.20	0.3440	0.00	0	25,000
\$ / R	On	07/12/2018	Foreign Exchange Option	13.75	Put			65.48850	203.515	17.07	0.6262	0.00	0	125
\$ / R	On	07/12/2018	Foreign Exchange Option	14.50	Put			544.93770	869.937	21.27	0.9738	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	14.50	Call			21.03770	4.237	21.27	0.0262	0.00	0	125
\$ / R	On	07/12/2018	Foreign Exchange Option	14.07	Put			204.72240	459.759	18.60	0.8704	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	14.07	Call			110.82240	24.059	18.60	0.1296	0.00	0	125
\$ / R	On	07/12/2018	Foreign Exchange Option	13.50	Call			496.40110	215.250	17.20	0.6560	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Call			242.06870	81.249	16.96	0.3075	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Put			119.16870	300.349	16.96	0.6925	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	15.08	Put			1,103.77030	1,440.861	23.27	0.9908	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Call			6.67030	1.761	23.27	0.0092	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Put			52.58520	164.899	16.24	0.5032	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Call			385.48520	155.799	16.24	0.4968	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Put			1,708.50670	2,049.495	26.69	0.9979	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Call			1.40670	0.395	26.69	0.0021	0.00	0	20,000
\$ / R	On	12/12/2018	Foreign Exchange Option	14.89	Put			919.44900	1,250.967	21.84	0.9822	0.00	0	0
\$ / R	On	12/12/2018	Foreign Exchange Option	14.89	Call			13.94900	3.567	21.84	0.0178	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Call			11.35660	3.080	22.31	0.0144	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Put			1,103.45660	1,437.280	22.31	0.9856	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Call			11.04130	3.010	22.36	0.0140	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Put			1,113.14130	1,447.210	22.36	0.9860	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Call			11.68100	3.151	22.25	0.0147	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Put			1,093.78100	1,427.351	22.25	0.9853	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Call			1,032.79470	694.894	15.60	0.9501	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Put			4.89470	9.094	15.60	0.0499	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Put			1,963.59490	2,304.771	27.25	0.9974	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Call			1.49490	0.571	27.25	0.0026	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Put			1.65250	2.931	20.06	0.0147	0.00	0	26,400
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Call			1,489.55250	1,148.731	20.06	0.9853	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Call			2,347.97950	2,005.995	25.55	0.9990	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Put			0.07950	0.195	25.55	0.0010	0.00	0	2,764
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Put			3,252.39060	3,594.316	34.50	0.9995	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Call			0.29060	0.116	34.50	0.0005	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Put			5.35830	11.630	15.66	0.0614	0.00	0	89,580
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Call			993.25830	657.430	15.66	0.9386	0.00	0	6,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			8.68530	34.215	15.93	0.1481	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			796.58530	480.015	15.93	0.8519	0.00	0	7,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Put			921.47260	1,249.290	21.40	0.9767	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Call			19.37260	5.090	21.40	0.0233	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Call			1,608.98760	1,268.104	21.25	0.9887	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Put			1.08760	2.304	21.25	0.0113	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Put			179.69620	385.577	17.68	0.7248	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Call			217.59620	81.377	17.68	0.2752	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Put			113.35210	276.970	17.12	0.6204	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Call			301.25210	122.770	17.12	0.3796	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Put			205.90390	424.828	17.87	0.7547	0.00	0	53,250
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Call			193.80390	70.628	17.87	0.2453	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Put			9.88510	43.229	16.00	0.1779	0.00	0	17,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Call			747.78510	439.029	16.00	0.8221	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Put			1,026.32510	1,357.909	21.85	0.9827	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Call			14.22510	3.709	21.85	0.0173	0.00	0	101,333
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Put			33.65960	115.922	16.35	0.3667	0.00	0	29,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Call			521.55960	261.722	16.35	0.6333	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Put			874.37940	1,200.086	21.19	0.9733	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Call			22.27940	5.886	21.19	0.0267	0.00	0	1,000

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	12.63	Call			1,360.37440	1,019.674	18.77	0.9799	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Put			2.47440	3.874	18.77	0.0201	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Call			2,088.10050	1,746.285	24.17	0.9976	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Put			0.20050	0.485	24.17	0.0024	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Call			894.67700	566.357	15.80	0.9016	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Put			6.77700	20.557	15.80	0.0984	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Call			2,238.01770	1,896.086	24.97	0.9986	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Put			0.11770	0.286	24.97	0.0014	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Put			285.16870	532.644	18.35	0.8208	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Call			143.06870	48.444	18.35	0.1792	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Call			1,988.18570	1,646.489	23.64	0.9966	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Put			0.28570	0.689	23.64	0.0034	0.00	0	174,530
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Call			1,241.03230	900.912	17.57	0.9728	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Put			3.13230	5.112	17.57	0.0272	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Put			655.09340	966.126	20.21	0.9484	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Call			42.99340	11.925	20.21	0.0516	0.00	0	81,900
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Put			663.95790	975.777	20.25	0.9498	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Call			41.85790	11.577	20.25	0.0502	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Put			517.74410	813.383	19.55	0.9204	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Call			65.64410	19.183	19.55	0.0796	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			777.04270	463.430	15.96	0.8403	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			9.14270	37.630	15.96	0.1597	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Put			672.85130	985.439	20.29	0.9512	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Call			40.75130	11.239	20.29	0.0488	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Put			790.71700	1,111.858	20.82	0.9658	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Call			28.61700	7.658	20.82	0.0342	0.00	0	127,100
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Put			1,171.42460	1,506.829	22.70	0.9877	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Call			9.32460	2.629	22.70	0.0123	0.00	0	27,030
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Put			1,684.68770	2,025.120	25.66	0.9958	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Call			2.58770	0.920	25.66	0.0042	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Call			1,968.20660	1,626.540	23.53	0.9964	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Put			0.30660	0.740	23.53	0.0036	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Put			1,714.53370	2,055.072	25.83	0.9960	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Call			2.43370	0.872	25.83	0.0040	0.00	0	7,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Put			105.90560	263.661	17.05	0.6049	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Call			313.80560	129.461	17.05	0.3951	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Call			1,888.30670	1,546.780	23.11	0.9952	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Put			0.40670	0.980	23.11	0.0048	0.00	0	8,580
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Call			1,310.62560	970.138	18.27	0.9773	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Put			2.72560	4.338	18.27	0.0227	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Call			307.48860	126.079	17.08	0.3874	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Put			109.58860	270.278	17.08	0.6126	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Call			564.14500	293.120	16.28	0.6752	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Put			26.24500	97.320	16.28	0.3248	0.00	0	4,080
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Put			1,495.97290	1,835.517	24.58	0.9939	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Call			3.87290	1.317	24.58	0.0061	0.00	0	29,600

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	15.50	Put			1,515.80750	1,855.466	24.69	0.9941	0.00	0	600
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Call			3.70750	1.267	24.69	0.0059	0.00	0	5,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Put			429.28800	710.828	19.10	0.8933	44,138,178.67	62,094	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Call			87.18800	26.628	19.10	0.1067	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Call			1,788.47850	1,447.193	22.58	0.9932	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Put			0.57850	1.393	22.58	0.0068	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Call			367.23630	159.336	16.75	0.4603	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Put			79.33630	213.536	16.75	0.5397	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Put			1,035.93050	1,367.823	21.91	0.9831	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Call			13.83050	3.623	21.91	0.0169	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Call			1,738.58970	1,397.460	22.31	0.9920	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Put			0.68970	1.660	22.31	0.0080	0.00	0	3,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Call			360.28000	155.319	16.78	0.4519	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Put			82.38000	219.519	16.78	0.5481	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Put			2,013.46300	2,354.727	27.53	0.9976	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Call			1.36300	0.527	27.53	0.0024	0.00	0	5,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Call			1,042.68660	704.337	15.59	0.9528	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Put			4.78660	8.537	15.59	0.0472	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Put			444.94620	729.260	19.18	0.8988	6,458,326.56	8,856	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Call			82.84620	25.060	19.18	0.1012	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Put			744.95580	1,063.072	20.62	0.9608	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Call			32.85580	8.872	20.62	0.0392	0.00	0	70,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Put			837.00720	1,160.814	21.03	0.9702	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Call			24.90720	6.615	21.03	0.0298	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Call			153.66960	52.901	18.24	0.1930	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Put			265.76960	507.101	18.24	0.8070	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Put			468.80090	757.126	19.30	0.9066	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Call			76.70090	22.926	19.30	0.0934	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Call			106.67350	33.902	18.80	0.1319	0.00	0	51,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Put			368.77350	638.102	18.80	0.8681	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Call			333.24370	140.069	16.93	0.4190	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Put			95.34370	244.269	16.93	0.5810	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Call			440.93460	205.492	16.49	0.5467	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Put			53.03460	159.691	16.49	0.4533	0.00	0	68,500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Put			1,923.71150	2,264.809	27.02	0.9972	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Call			1.61150	0.609	27.02	0.0028	0.00	0	1,406
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Call			133.09370	44.340	18.47	0.1662	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Put			305.19370	558.540	18.47	0.8338	0.00	0	36,200
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Put			1,476.14670	1,815.570	24.47	0.9936	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Call			4.04670	1.370	24.47	0.0064	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Put			1,605.15720	1,945.267	25.20	0.9951	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Call			3.05720	1.067	25.20	0.0049	33,117.83	31,047	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Call			680.65090	384.485	16.10	0.7754	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Put			12.75090	58.685	16.10	0.2246	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Call			136.35070	45.670	18.43	0.1704	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Put			298.45070	549.870	18.43	0.8296	0.00	0	115,000

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	16.56	Put			2,572.64110	2,914.441	30.70	0.9990	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Call			0.54110	0.241	30.70	0.0010	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Put			2,153.16180	2,494.626	28.33	0.9981	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Call			1.06180	0.426	28.33	0.0019	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Put			1,863.90730	2,204.873	26.68	0.9969	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Call			1.80730	0.673	26.68	0.0031	0.00	0	20,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Put			1,122.83480	1,457.143	22.42	0.9863	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Call			10.73480	2.943	22.42	0.0137	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Put			1,625.03120	1,965.228	25.32	0.9953	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Call			2.93120	1.028	25.32	0.0047	4,550.21	4,428	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Call			120.72310	39.373	18.62	0.1501	0.00	0	51,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Put			332.82310	593.573	18.62	0.8499	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Put			1,525.72800	1,865.442	24.75	0.9943	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Call			3.62800	1.242	24.75	0.0057	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Call			8.10050	2.354	22.99	0.0110	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Put			1,220.20050	1,556.554	22.99	0.9890	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Call			35.62580	9.694	20.49	0.0426	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Put			717.72580	1,033.894	20.49	0.9574	0.00	0	3,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Call			671.43450	376.983	16.12	0.7682	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Put			13.53450	61.183	16.12	0.2318	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Put			1,744.39030	2,085.027	26.00	0.9962	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Call			2.29030	0.827	26.00	0.0038	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Call			109.36360	34.935	18.77	0.1354	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Put			361.46360	629.135	18.77	0.8646	30,915,688.99	49,140	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Put			1,387.12800	1,725.842	23.95	0.9924	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Call			5.02800	1.642	23.95	0.0076	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Call			943.91660	611.384	15.73	0.9217	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Put			6.01660	15.584	15.73	0.0783	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Call			56.08060	16.049	19.79	0.0677	0.00	0	13,700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Put			568.18060	870.249	19.79	0.9323	0.00	0	15,500
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Put			3,012.43540	3,354.346	33.16	0.9994	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Call			0.33540	0.146	33.16	0.0006	0.00	0	3,700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.68	Call			381.37870	167.618	16.67	0.4772	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.68	Put			73.47870	201.818	16.67	0.5228	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Call			146.53140	49.889	18.32	0.1837	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Put			278.63140	524.089	18.32	0.8163	4,582,638.59	8,744	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	16.80	Put			2,812.48590	3,154.381	32.04	0.9992	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.80	Call			0.38590	0.181	32.04	0.0008	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	16.24	Put			2,252.99530	2,594.569	28.90	0.9984	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.24	Call			0.89530	0.369	28.90	0.0016	0.00	0	750
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Put			2,123.21900	2,464.645	28.16	0.9980	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Call			1.11900	0.445	28.16	0.0020	0.00	0	38,250
\$ / R	On	14/12/2018	Foreign Exchange Option	16.20	Put			2,213.05780	2,554.590	28.67	0.9983	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.20	Call			0.95780	0.390	28.67	0.0017	0.00	0	2,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.25	Call			7.03810	2.112	23.27	0.0098	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.25	Put			1,269.13810	1,606.312	23.27	0.9902	0.00	0	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	14/12/2018	Foreign Exchange Option	14.74	Call			29.42020	7.887	20.78	0.0352	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.74	Put			781.52020	1,102.087	20.78	0.9648	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	15.30	Call			6.11650	1.899	23.56	0.0088	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.30	Put			1,318.21650	1,656.099	23.56	0.9912	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.90	Call			18.83720	4.945	21.44	0.0227	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.90	Put			930.93720	1,259.145	21.44	0.9773	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.84	Call			1.84270	0.684	26.62	0.0031	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.84	Put			1,853.94270	2,194.884	26.62	0.9969	0.00	0	2,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.90	Call			243.42120	93.559	17.49	0.3076	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.90	Put			155.52120	347.759	17.49	0.6924	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.51	Call			54.61960	15.579	19.83	0.0659	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.51	Put			576.71960	879.779	19.83	0.9341	0.00	0	3,388
\$ / R	On	14/12/2018	Foreign Exchange Option	14.39	Call			74.74590	22.255	19.34	0.0910	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.39	Put			476.84590	766.455	19.34	0.9090	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.85	Put			883.76600	1,209.917	21.23	0.9740	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.85	Call			21.66600	5.717	21.23	0.0260	0.00	0	50,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.40	Put			484.93750	775.804	19.38	0.9114	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.40	Call			72.83750	21.604	19.38	0.0886	0.00	0	100,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.30	Call			94.08720	29.161	18.99	0.1156	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.30	Put			406.18720	683.361	18.99	0.8844	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	16.50	Put			2,512.69180	2,854.460	30.37	0.9989	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.50	Call			0.59180	0.260	30.37	0.0011	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.82	Put			855.65790	1,180.439	21.11	0.9718	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.82	Call			23.55790	6.239	21.11	0.0282	0.00	0	250
\$ / R	On	14/12/2018	Foreign Exchange Option	15.60	Put			1,615.09340	1,955.247	25.26	0.9952	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.60	Call			2.99340	1.047	25.26	0.0048	0.00	0	500
\$ / R	On	20/12/2018	Foreign Exchange Option	13.90	Call			282.10120	125.082	17.19	0.3410	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	13.90	Put			184.10120	369.582	17.19	0.6590	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	13.98	Call			241.32220	104.184	17.48	0.2949	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	13.98	Put			223.32220	428.684	17.48	0.7051	0.00	0	18,000
\$ / R	On	20/12/2018	Foreign Exchange Option	15.30	Put			1,314.28710	1,648.144	21.54	0.9852	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	15.30	Call			12.28710	3.644	21.54	0.0148	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	14.90	Call			33.50730	9.276	19.98	0.0362	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	14.90	Put			935.50730	1,253.776	19.98	0.9638	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	14.30	Call			127.32610	48.861	18.62	0.1562	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	14.30	Put			429.32610	693.361	18.62	0.8438	0.00	0	35,000
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Put			723.93480	1,023.066	19.37	0.9287	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Call			63.63480	20.166	19.37	0.0713	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Put			19.91750	52.070	15.53	0.1809	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Call			819.61750	509.170	15.53	0.8191	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Put			802.58010	1,108.504	19.53	0.9431	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Call			52.28010	15.605	19.53	0.0569	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Call			725.66710	433.024	15.71	0.7600	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Put			25.96710	75.924	15.71	0.2400	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Call			193.47540	91.611	17.85	0.2251	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Put			426.97540	668.311	17.85	0.7749	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	14.96	Call			57.86780	23.207	19.89	0.0671	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Put			1,001.36780	1,309.907	19.89	0.9329	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Call			1,034.61400	712.296	15.15	0.8745	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Put			18.11400	38.996	15.15	0.1255	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Put			406.65980	643.579	17.76	0.7640	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Call			203.15980	96.880	17.76	0.2360	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Put			179.51660	334.536	16.42	0.5657	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Call			396.01660	207.836	16.42	0.4343	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Put			3,564.89780	3,907.987	30.90	0.9965	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Call			1.39780	1.287	30.90	0.0035	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Put			2,914.90720	3,257.860	26.47	0.9964	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Call			1.40720	1.160	26.47	0.0036	0.00	0	500
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Put			14.08200	31.735	15.37	0.1020	0.00	0	0
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Call			1,133.88200	808.335	15.37	0.8980	0.00	0	0
\$ / R	On	03/01/2019	Foreign Exchange Option	13.57	Call			560.43270	326.448	15.98	0.5735	0.00	0	0
\$ / R	On	03/01/2019	Foreign Exchange Option	13.57	Put			108.93270	218.248	15.98	0.4265	0.00	0	600
\$ / R	On	03/01/2019	Foreign Exchange Option	13.93	Put			248.03660	431.094	16.88	0.6266	0.00	0	0
\$ / R	On	03/01/2019	Foreign Exchange Option	13.93	Call			339.53660	179.294	16.88	0.3734	0.00	0	600
\$ / R	On	03/01/2019	Foreign Exchange Option	14.35	Put			506.51270	758.459	18.20	0.7947	0.00	0	0
\$ / R	On	03/01/2019	Foreign Exchange Option	14.35	Call			178.01270	86.659	18.20	0.2053	0.00	0	600
\$ / R	On	07/01/2019	Foreign Exchange Option	14.65	Put			745.35960	1,024.865	18.90	0.8582	0.00	0	0
\$ / R	On	07/01/2019	Foreign Exchange Option	14.65	Call			123.65960	59.665	18.90	0.1418	0.00	0	250
\$ / R	On	07/01/2019	Foreign Exchange Option	14.12	Put			362.49050	579.332	17.38	0.6994	0.00	0	0
\$ / R	On	07/01/2019	Foreign Exchange Option	14.12	Call			270.79050	144.132	17.38	0.3006	0.00	0	250
\$ / R	On	07/01/2019	Foreign Exchange Option	13.64	Put			139.82180	263.594	16.02	0.4646	0.00	0	250
\$ / R	On	07/01/2019	Foreign Exchange Option	13.64	Call			528.12180	308.394	16.02	0.5354	0.00	0	0
\$ / R	On	15/01/2019	Foreign Exchange Option	14.19	Put			428.77580	651.379	17.64	0.7006	0.00	0	0
\$ / R	On	15/01/2019	Foreign Exchange Option	14.19	Call			280.67580	159.279	17.64	0.2994	0.00	0	0
\$ / R	On	16/01/2019	Foreign Exchange Option	14.48	Put			632.33120	888.400	18.47	0.7863	0.00	0	0
\$ / R	On	16/01/2019	Foreign Exchange Option	14.48	Call			195.83120	108.000	18.47	0.2137	0.00	0	0
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Put			9.06710	26.321	15.14	0.0749	0.00	0	263
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Call			1,395.96710	1,069.221	15.14	0.9251	0.00	0	0
\$ / R	On	25/01/2019	Foreign Exchange Option	14.02	Put			353.89750	548.164	17.19	0.6143	0.00	0	0
\$ / R	On	25/01/2019	Foreign Exchange Option	14.02	Call			392.69750	242.564	17.19	0.3857	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	14.88	Put			968.67060	1,248.420	19.27	0.8364	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	14.88	Call			155.97060	91.020	19.27	0.1636	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Put			40.06060	81.545	15.30	0.1710	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Call			1,157.36060	854.145	15.30	0.8290	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Put			1,180.62550	1,474.380	19.82	0.8735	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Call			119.62550	68.681	19.82	0.1265	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Put			26.16590	55.286	15.18	0.1251	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Call			1,305.16590	989.586	15.18	0.8749	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Call			1,116.25130	818.366	15.38	0.8107	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Put			47.25130	94.066	15.38	0.1893	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Put			590.60510	827.316	18.07	0.7204	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Call			279.60510	171.616	18.07	0.2796	0.00	0	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	31/01/2019	Foreign Exchange Option	14.20	Call		341.24820	212.987	17.61	0.3339	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.20	Put		472.24820	688.687	17.61	0.6661	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	15.47	Put		1,482.33840	1,789.813	20.41	0.9146	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.47	Call		81.33840	44.113	20.41	0.0854	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Call		322.96540	200.602	17.74	0.3180	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Put		503.96540	726.301	17.74	0.6820	0.00	0	250
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Put		1,167.36180	1,452.721	19.70	0.8413	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Call		159.06180	98.921	19.70	0.1587	0.00	0	0
\$ / R	On	15/02/2019	Foreign Exchange Option	14.35	Put		599.47320	826.212	17.98	0.6817	0.00	0	0
\$ / R	On	15/02/2019	Foreign Exchange Option	14.35	Call		344.67320	225.812	17.98	0.3183	0.00	0	0
\$ / R	On	25/02/2019	Foreign Exchange Option	14.07	Put		443.71010	636.472	17.21	0.5854	0.00	0	0
\$ / R	On	25/02/2019	Foreign Exchange Option	14.07	Call		486.41010	332.972	17.21	0.4146	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put		55.23900	98.547	15.39	0.1685	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call		1,343.23900	1,040.147	15.39	0.8315	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call		1,197.61320	908.382	15.49	0.7835	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put		79.61320	136.782	15.49	0.2165	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Call		424.95370	290.095	17.66	0.3658	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Put		556.95370	768.495	17.66	0.6342	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Put		1,323.81680	1,609.958	19.92	0.8386	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Call		171.81680	111.558	19.92	0.1614	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Put		736.26440	973.119	18.28	0.7034	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call		334.26440	224.719	18.28	0.2966	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Call		444.15050	304.148	17.55	0.3799	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Put		526.15050	732.548	17.55	0.6201	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Put		1,637.46880	1,937.757	20.60	0.8809	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Call		125.46880	79.357	20.60	0.1191	0.00	0	250
\$ / R	On	05/03/2019	Foreign Exchange Option	14.39	Put		655.79860	879.511	18.00	0.6638	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	14.39	Call		392.49860	269.611	18.00	0.3362	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call		32.79430	20.058	24.78	0.0291	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Put		4,277.26600	4,610.652	24.78	0.9801	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Call		26.76600	13.052	24.78	0.0199	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Call		245.71630	170.295	19.63	0.2129	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Put		1,216.21630	1,487.895	19.63	0.7871	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Call		232.72150	161.053	19.78	0.2027	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Put		1,273.22150	1,548.653	19.78	0.7973	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Put		2,880.46770	3,207.496	22.96	0.9434	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Call		59.96770	39.896	22.96	0.0566	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Put		2,870.89570	3,197.775	22.94	0.9430	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Call		60.39570	40.175	22.94	0.0570	0.00	0	12,600
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Call		243.81340	168.938	19.65	0.2114	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Put		1,224.31340	1,496.539	19.65	0.7886	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Call		743.70250	542.310	16.67	0.5443	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Put		314.20250	459.910	16.67	0.4557	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Put		2,510.12690	2,830.338	22.24	0.9262	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Call		79.62690	52.738	22.24	0.0738	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Call		261.53570	181.587	19.46	0.2253	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			1,152.03570	1,419.186	19.46	0.7747	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Put			3,199.23770	3,529.474	23.57	0.9544	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Call			48.73770	31.874	23.57	0.0456	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Call			845.67870	625.483	16.41	0.5990	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Put			246.17870	373.083	16.41	0.4010	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Call			1,208.64630	929.308	15.66	0.7573	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Put			109.14630	176.908	15.66	0.2427	0.00	0	1,155
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Put			2,248.78200	2,562.881	21.74	0.9100	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Call			98.28200	65.281	21.74	0.0900	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Put			1,534.06620	1,821.879	20.33	0.8386	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Call			183.56620	124.279	20.33	0.1614	0.00	0	224,757
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Call			1,129.76980	860.686	15.78	0.7273	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Put			130.26980	208.287	15.78	0.2727	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Call			877.54410	651.817	16.33	0.6152	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Put			228.04410	349.417	16.33	0.3848	0.00	0	2,550
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Call			814.66240	600.009	16.48	0.5828	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Put			265.16240	397.609	16.48	0.4172	0.00	0	9,570
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Call			355.75630	249.698	18.62	0.2964	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Put			856.25630	1,097.298	18.62	0.7036	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Call			249.57280	173.043	19.59	0.2160	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Put			1,200.07280	1,470.643	19.59	0.7840	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Call			994.84700	747.870	16.06	0.6703	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Put			175.34700	275.470	16.06	0.3297	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Put			1,551.31550	1,839.832	20.37	0.8409	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Call			180.81550	122.232	20.37	0.1591	0.00	0	1
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Put			1,822.00760	2,122.390	20.91	0.8733	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Call			141.50760	94.790	20.91	0.1267	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Put			1,112.47490	1,376.662	19.35	0.7666	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Call			271.97490	189.062	19.35	0.2334	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Call			508.29780	363.134	17.66	0.4028	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Put			558.79780	760.734	17.66	0.5972	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Put			1,956.29680	2,261.605	21.18	0.8865	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Call			125.79680	84.005	21.18	0.1135	0.00	0	2,100
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Call			417.00740	294.775	18.20	0.3404	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Put			717.50740	942.375	18.20	0.6596	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Call			313.37850	218.894	18.97	0.2650	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Put			973.87850	1,226.494	18.97	0.7350	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.00	Put			1,120.35310	1,385.140	19.37	0.7682	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.00	Call			269.85310	187.540	19.37	0.2318	0.00	0	1,260
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Call			944.96260	707.091	16.17	0.6477	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Put			195.46260	304.691	16.17	0.3523	0.00	0	2,100
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Call			427.05810	302.232	18.13	0.3474	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Put			697.55810	919.832	18.13	0.6526	0.00	0	2,100
\$ / R	On	18/03/2019	Foreign Exchange Option	12.80	Call			0.00000	1,117.138	15.48	0.8247	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.80	Put			0.00000	114.738	15.48	0.1753	1,453,043.30	12,664	6,332
\$ / R	On	18/03/2019	Foreign Exchange Option	15.22	Put			1,297.88230	1,574.702	19.84	0.8017	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			227.38230	157.102	19.84	0.1983	0.00	0	2,785
\$ / R	On	18/03/2019	Foreign Exchange Option	13.85	Call			672.32450	485.975	16.91	0.5036	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.85	Put			372.82450	533.575	16.91	0.4964	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			0.00000	949.932	18.22	0.6619	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			0.00000	292.332	18.22	0.3381	3,702,097.51	12,664	6,332
\$ / R	On	18/03/2019	Foreign Exchange Option	15.40	Put			1,448.53600	1,732.672	20.15	0.8262	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.40	Call			198.03600	135.072	20.15	0.1738	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.80	Put			966.36780	1,218.295	18.95	0.7331	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.80	Call			315.86780	220.695	18.95	0.2669	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call			208.92150	143.221	20.03	0.1829	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put			1,389.42150	1,670.821	20.03	0.8171	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call			212.15230	145.645	20.00	0.1856	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put			1,372.65230	1,653.245	20.00	0.8144	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.62	Call			0.00000	590.058	16.52	0.5763	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.62	Put			0.00000	407.658	16.52	0.4237	2,581,287.92	6,332	6,332
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call			210.52890	144.429	20.01	0.1843	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put			1,381.02890	1,662.029	20.01	0.8157	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Call			573.40250	411.561	17.34	0.4442	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put			473.90250	659.161	17.34	0.5558	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call			2,364.13610	2,023.174	16.76	0.9606	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put			14.63610	20.774	16.76	0.0394	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call			2,111.34910	1,773.028	16.08	0.9429	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put			21.84910	30.628	16.08	0.0571	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put			210.76160	326.616	16.25	0.3686	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call			910.26160	679.016	16.25	0.6314	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call			2,658.62500	2,315.600	17.54	0.9745	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put			9.12500	13.200	17.54	0.0255	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			3,821.18650	3,474.575	20.64	0.9957	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			1.68650	2.175	20.64	0.0043	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call			2,422.82820	2,081.382	16.92	0.9638	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put			13.32820	18.982	16.92	0.0362	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			737.69010	965.111	18.26	0.6666	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			407.19010	287.511	18.26	0.3334	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call			1,451.49970	1,148.889	15.45	0.8345	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put			61.99970	106.489	15.45	0.1655	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call			726.72630	528.628	16.72	0.5348	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put			327.22630	476.228	16.72	0.4652	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put			1,088.95010	1,351.308	19.29	0.7616	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call			278.45010	193.708	19.29	0.2384	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put			1,281.42510	1,557.374	19.80	0.7988	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call			230.92510	159.774	19.80	0.2012	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call			903.64980	673.508	16.26	0.6282	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put			214.14980	331.108	16.26	0.3718	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put			1,491.14900	1,777.155	20.24	0.8325	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call			190.64900	129.555	20.24	0.1675	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put			620.17870	831.644	17.87	0.6232	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			469.67870	334.044	17.87	0.3768	0.00	0	250
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put			1,568.61110	1,857.823	20.40	0.8432	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call			178.11110	120.223	20.40	0.1568	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call			1,719.91040	1,391.431	15.25	0.8962	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put			40.41040	59.031	15.25	0.1038	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call			667.06700	481.970	16.93	0.5005	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put			377.56700	539.570	16.93	0.4995	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Call			1,682.35960	1,356.781	15.28	0.8887	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Put			42.85960	64.381	15.28	0.1113	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Call			646.37090	466.254	17.01	0.4883	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Put			396.87090	563.854	17.01	0.5117	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Put			1,256.85760	1,531.235	19.74	0.7945	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Call			236.35760	163.635	19.74	0.2055	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Put			2,986.30870	3,314.575	23.16	0.9474	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Call			55.80870	36.975	23.16	0.0526	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Call			420.33150	297.241	18.17	0.3427	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Put			710.83150	934.841	18.17	0.6573	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Call			1,249.07320	965.352	15.63	0.7716	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Put			99.57320	162.952	15.63	0.2284	0.00	0	15,434
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Call			1,331.79600	1,039.758	15.55	0.7990	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Put			82.29600	137.358	15.55	0.2010	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Call			596.92050	429.070	17.23	0.4586	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Put			447.42050	626.670	17.23	0.5414	0.00	0	22,406
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Call			477.17080	339.667	17.83	0.3819	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Put			607.67080	817.267	17.83	0.6181	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Call			391.33160	275.806	18.37	0.3222	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Put			771.83160	1,003.406	18.37	0.6778	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Put			1,499.70690	1,786.080	20.26	0.8337	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Call			189.20690	128.480	20.26	0.1663	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Put			2,995.95930	3,324.323	23.18	0.9477	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Call			55.45930	36.723	23.18	0.0523	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Call			310.90950	217.109	18.99	0.2631	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Put			981.40950	1,234.709	18.99	0.7369	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Put			1,875.48250	2,177.903	21.02	0.8788	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Call			134.98250	90.303	21.02	0.1212	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Put			3,393.78790	3,725.568	23.94	0.9598	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Call			43.28790	27.968	23.94	0.0402	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Call			451.44080	320.393	17.98	0.3644	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Put			651.94080	867.994	17.98	0.6356	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Put			1,672.41320	1,966.495	20.61	0.8565	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Call			161.91320	108.895	20.61	0.1435	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Put			2,528.95520	2,849.570	22.28	0.9272	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Call			78.45520	51.970	22.28	0.0728	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Call			382.11550	269.020	18.43	0.3156	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Put			792.61550	1,026.620	18.43	0.6844	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			2,092.46640	2,402.167	21.44	0.8982	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			111.96640	74.567	21.44	0.1018	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Call			1,315.05960	1,024.634	15.57	0.7936	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Put			85.55960	142.234	15.57	0.2064	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Call			400.77260	282.769	18.30	0.3289	0.00	0	224,707
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Put			751.27260	980.369	18.30	0.6711	0.00	0	20,050
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			1,974.34910	2,280.273	21.21	0.8881	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			123.84910	82.673	21.21	0.1119	0.00	0	1,906
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Call			1,153.14960	880.600	15.73	0.7366	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Put			123.64960	198.200	15.73	0.2634	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Put			1,804.25830	2,103.940	20.88	0.8714	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Call			143.75830	96.340	20.88	0.1286	0.00	0	10
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Call			973.28400	730.183	16.11	0.6606	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Put			183.78400	287.783	16.11	0.3394	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Call			1,053.65470	796.597	15.93	0.6959	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Put			154.15470	244.197	15.93	0.3041	0.00	0	224,707
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Put			2,322.99510	2,638.970	21.88	0.9150	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Call			92.49510	61.369	21.88	0.0850	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Call			755.18820	551.594	16.64	0.5507	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Put			305.68820	449.194	16.64	0.4493	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Call			308.46070	215.339	19.01	0.2613	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Put			988.96070	1,242.939	19.01	0.7387	0.00	0	10,010
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Call			766.81250	561.010	16.61	0.5571	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Put			297.31250	438.610	16.61	0.4429	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Call			331.24280	231.838	18.82	0.2784	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Put			921.74280	1,169.438	18.82	0.7216	0.00	0	24,326
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Call			306.03200	213.585	19.03	0.2595	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Put			996.53200	1,251.185	19.03	0.7405	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Call			704.56280	510.840	16.78	0.5222	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Put			345.06280	498.440	16.78	0.4778	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Put			2,928.46230	3,256.135	23.05	0.9452	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Call			57.96230	38.535	23.05	0.0548	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Put			3,005.61380	3,334.073	23.20	0.9481	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Call			55.11380	36.473	23.20	0.0519	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Put			3,131.35610	3,460.998	23.44	0.9523	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Call			50.85610	33.398	23.44	0.0477	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Call			578.04390	415.008	17.31	0.4471	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Put			468.54390	652.608	17.31	0.5529	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			3,883.29430	4,217.658	24.78	0.9709	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Call			628.70000	459.209	17.30	0.4665	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Put			463.40000	641.409	17.30	0.5335	0.00	0	65,000
\$ / R	On	27/03/2019	Foreign Exchange Option	14.50	Call			430.60340	309.600	18.35	0.3410	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.50	Put			765.30340	991.800	18.35	0.6590	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	13.88	Call			0.00000	504.685	17.04	0.5008	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	13.88	Put			0.00000	566.885	17.04	0.4992	18,140,320.00	32,000	32,000
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put			31.01440	44.913	15.79	0.0775	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call			1,986.31440	1,652.713	15.79	0.9225	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	29/03/2019	Foreign Exchange Option	15.79	Put		1,791.58330	2,086.412	20.84	0.8542	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Call		170.38330	117.612	20.84	0.1458	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Call		527.01510	383.814	17.85	0.4023	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Put		608.21510	812.614	17.85	0.5977	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Put		1,482.54410	1,763.982	20.23	0.8136	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Call		221.34410	155.182	20.23	0.1864	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Call		546.90380	399.078	17.75	0.4150	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Put		578.10380	777.879	17.75	0.5850	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put		112.54390	179.335	15.75	0.2347	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call		1,281.34390	1,000.534	15.75	0.7653	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put		886.85910	1,125.828	18.73	0.6920	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Call		385.65910	277.028	18.73	0.3080	0.00	0	500
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put		126.65420	198.555	15.78	0.2497	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call		1,252.45420	976.555	15.78	0.7503	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Put		1,190.37190	1,445.424	19.41	0.7237	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Call		368.27190	274.424	19.41	0.2763	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Put		1,650.88720	1,929.271	20.36	0.7969	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Call		265.78720	195.171	20.36	0.2031	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Put		1,948.38140	2,239.289	20.89	0.8341	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call		1,433.13970	1,151.620	15.83	0.7733	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put		145.29600	219.040	15.90	0.2461	0.00	0	3,000
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put		284.91650	409.343	16.53	0.3754	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call		1,019.81650	795.243	16.53	0.6246	0.00	0	2,500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Call		647.96070	492.634	17.77	0.4427	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Put		623.06070	816.734	17.77	0.5573	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put		128.23970	195.720	15.83	0.2267	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Call		213.28140	155.189	20.89	0.1659	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put		1,044.15890	1,286.104	18.99	0.6869	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call		429.05890	322.003	18.99	0.3131	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Call		627.07890	476.347	17.86	0.4313	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Put		652.17890	850.447	17.86	0.5687	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call		1,370.19600	1,094.940	15.90	0.7539	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Call		719.53220	562.031	17.88	0.4535	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Put		690.23220	883.131	17.88	0.5465	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Put		1,815.18900	2,091.043	20.48	0.7859	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Call		304.48900	229.943	20.48	0.2141	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Call		740.71590	579.096	17.79	0.4641	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Put		661.41590	850.196	17.79	0.5359	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call		1,455.02540	1,183.087	16.03	0.7469	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put		175.72540	254.187	16.03	0.2531	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put		1,196.08850	1,441.343	19.24	0.6846	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call		465.38850	360.243	19.24	0.3154	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Put		2,119.21760	2,408.051	20.99	0.8215	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Call		248.51760	186.951	20.99	0.1785	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put		211.85940	301.061	16.15	0.2853	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call		1,351.15940	1,089.961	16.15	0.7147	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	03/06/2019	Foreign Exchange Option	12.14	Put			48.13360	75.869	15.64	0.0985	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call			2,192.73360	1,869.869	15.64	0.9015	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Call			3,620.86620	3,271.171	16.80	0.9868	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put			6.76620	8.271	16.80	0.0132	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call			2,089.73180	1,773.789	15.65	0.8787	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put			65.63180	100.889	15.65	0.1213	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put			911.89470	1,125.429	18.47	0.6011	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put			773.28010	971.499	18.10	0.5595	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Call			480.09740	375.093	19.40	0.3145	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call			713.46260	561.205	18.12	0.4385	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put			779.36260	978.305	18.12	0.5615	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call			709.56650	558.030	18.14	0.4366	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put			785.46650	985.130	18.14	0.5634	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call			717.38010	564.399	18.10	0.4405	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Put			189.14440	268.728	16.08	0.2553	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Call			618.85090	484.496	18.56	0.3900	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Put			944.75090	1,161.596	18.56	0.6100	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Put			3,782.53970	4,109.287	24.42	0.9062	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Call			126.63970	102.187	24.42	0.0938	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Put			1,275.99740	1,522.193	19.40	0.6855	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Call			883.75640	700.794	17.46	0.5195	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Put			810.09390	1,012.609	18.20	0.5712	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Call			694.19390	545.509	18.20	0.4288	0.00	0	30
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Put			1,996.65460	2,276.560	20.76	0.7943	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Call			300.75460	229.460	20.76	0.2057	0.00	0	20
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Call			1,493.24440	1,221.628	16.08	0.7447	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call			380.29450	293.873	20.13	0.2550	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call			933.26010	742.147	17.30	0.5417	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put			509.16010	669.247	17.30	0.4583	0.00	0	5,035
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put			1,682.94550	1,949.745	20.23	0.7534	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Call			367.04550	282.645	20.23	0.2466	0.00	0	5,035
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Put			559.65640	727.894	17.46	0.4805	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put			184.19590	262.330	16.07	0.2510	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put			1,929.76630	2,206.748	20.65	0.7863	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call			313.86630	239.648	20.65	0.2137	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call			958.94330	763.749	17.22	0.5530	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put			484.84330	640.849	17.22	0.4470	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put			1,626.19450	1,890.973	20.13	0.7450	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call			334.73550	255.901	20.48	0.2263	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call			1,319.77980	1,066.248	16.28	0.6908	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put			255.67980	353.348	16.28	0.3092	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put			1,073.88470	1,303.452	18.90	0.6424	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call			557.98470	436.352	18.90	0.3576	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call			1,508.29590	1,235.229	16.07	0.7490	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call			635.99470	498.328	18.47	0.3989	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put			223.52790	312.761	16.19	0.2842	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	13.13	Call			1,397.62790	1,135.661	16.19	0.7158	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call			1,688.56580	1,398.671	15.87	0.7971	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put			134.46580	195.772	15.87	0.2029	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put			1,830.63550	2,103.001	20.48	0.7737	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Put			3,077.14030	3,394.338	22.79	0.8747	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Call			171.84030	137.538	22.79	0.1253	0.00	0	20,000
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Put			1,010.69570	1,232.159	18.70	0.6212	0.00	0	20,000
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Call			605.39570	475.359	18.70	0.3788	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Put			2,273.16320	2,559.901	21.17	0.8112	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Call			282.06320	216.801	21.17	0.1888	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Call			802.89210	638.406	17.94	0.4706	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Put			723.99210	911.506	17.94	0.5294	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Put			1,969.09170	2,243.639	20.68	0.7780	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Call			337.99170	260.539	20.68	0.2220	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Call			824.18580	655.992	17.85	0.4805	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Put			695.28580	879.092	17.85	0.5195	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put			202.18120	282.694	16.13	0.2571	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call			1,531.08120	1,259.594	16.13	0.7429	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put			1,339.84060	1,585.885	19.51	0.6837	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call			498.74060	392.785	19.51	0.3163	0.00	0	500
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put			257.23260	351.563	16.28	0.2980	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call			1,401.43260	1,143.563	16.28	0.7020	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call			1,233.63200	999.923	16.64	0.6440	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put			345.93200	464.423	16.64	0.3560	0.00	0	39,250
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put			2,377.43710	2,666.623	21.31	0.8171	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Call			275.13710	212.123	21.31	0.1829	0.00	0	39,250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Put			2,433.21420	2,718.052	21.31	0.8002	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Call			320.51420	251.552	21.31	0.1998	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Call			895.70720	724.101	17.96	0.4877	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Put			758.40720	940.601	17.96	0.5123	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Put			2,129.18550	2,402.524	20.83	0.7692	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			538.12820	430.550	19.73	0.3187	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Call			376.48550	296.024	20.83	0.2308	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Call			917.15390	742.213	17.88	0.4970	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Put			729.85390	908.713	17.88	0.5030	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			231.10150	313.023	16.21	0.2600	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			1,618.40150	1,346.523	16.21	0.7400	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,490.82820	1,737.050	19.73	0.6813	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			303.34650	401.676	16.43	0.3083	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			1,452.44650	1,196.876	16.43	0.6917	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Put			906.39680	1,102.202	18.31	0.5464	0.00	0	3,147
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Call			836.79680	678.002	18.31	0.4536	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Put			2,306.34620	2,584.935	21.05	0.7786	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Call			366.74620	290.735	21.05	0.2214	0.00	0	3,147
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Put			2,607.54300	2,892.808	21.47	0.7946	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Call			348.04300	277.808	21.47	0.2054	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	30/08/2019	Foreign Exchange Option	14.25	Call			976.10720	799.718	17.98	0.5013	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Put			785.60720	964.718	17.98	0.4987	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Put			2,293.88680	2,568.090	20.99	0.7649	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Call			404.38680	323.090	20.99	0.2351	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Call			997.70110	818.258	17.91	0.5100	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Put			757.20110	933.258	17.91	0.4900	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put			255.43370	338.895	16.29	0.2616	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call			1,695.93370	1,423.895	16.29	0.7384	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put			1,644.10400	1,892.272	19.93	0.6827	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call			564.60400	457.272	19.93	0.3173	0.00	0	500
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put			347.46950	449.762	16.54	0.3164	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call			1,503.26950	1,249.862	16.54	0.6836	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Put			4,725.10800	5,034.997	24.48	0.9006	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Call			176.30800	130.297	24.48	0.0994	0.00	0	20,000
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Call			2,101.56560	1,810.754	15.63	0.8264	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put			130.86560	196.254	15.63	0.1736	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put			1,924.42140	2,179.402	20.33	0.7106	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call			525.12140	423.902	20.33	0.2894	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Call			1,148.05530	951.062	17.55	0.5573	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put			416.94850	530.751	16.73	0.3455	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call			1,431.41980	1,190.012	16.75	0.6526	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put			420.71980	535.512	16.75	0.3474	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put			413.19760	526.012	16.72	0.3436	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Put			4,052.12310	4,372.110	24.28	0.8614	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Call			232.82310	196.610	24.28	0.1386	0.00	0	81,930
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Call			1,068.66920	882.711	17.81	0.5272	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Put			737.96920	908.211	17.81	0.4728	0.00	0	141,127
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call			1,437.64850	1,195.251	16.73	0.6545	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Call			213.67390	165.851	24.40	0.1200	0.00	0	141,127
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Call			1,177.46920	976.419	17.46	0.5681	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Put			616.76920	771.919	17.46	0.4319	0.00	0	81,930
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Put			5,011.90510	5,325.385	24.40	0.9086	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Call			162.60510	119.885	24.40	0.0914	0.00	0	33,151
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call			1,443.89760	1,200.512	16.72	0.6564	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Call			215.53950	169.153	24.40	0.1219	0.00	0	33,715
\$ / R	On	16/09/2019	Foreign Exchange Option	14.09	Call			1,091.42140	902.417	17.74	0.5359	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.09	Put			710.72140	877.917	17.74	0.4641	0.00	0	33,715
\$ / R	On	16/09/2019	Foreign Exchange Option	15.38	Call			636.93680	519.392	19.66	0.3441	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.38	Put			1,546.23680	1,784.892	19.66	0.6559	0.00	0	5,000
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Put			4,412.97390	4,721.351	24.40	0.8800	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.64	Call			274.40970	229.680	23.06	0.1635	0.00	0	5,000
\$ / R	On	16/09/2019	Foreign Exchange Option	14.33	Call			986.62240	811.678	18.09	0.4948	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.33	Put			845.92240	1,027.178	18.09	0.5052	0.00	0	33,151
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Put			4,222.64210	4,538.477	24.40	0.8699	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Call			223.34210	182.977	24.40	0.1301	0.00	0	1,200
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Put			4,374.83950	4,684.653	24.40	0.8781	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	15.56	Put			1,682.08800	1,927.931	19.92	0.6769	0.00	0	2,571
\$ / R	On	16/09/2019	Foreign Exchange Option	17.93	Put			3,713.59290	4,029.177	23.60	0.8485	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.93	Call			254.29290	213.677	23.60	0.1515	0.00	0	2,571
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Call			1,037.64280	855.807	17.91	0.5151	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Put			776.94280	951.307	17.91	0.4849	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	17.64	Put			3,443.70970	3,755.180	23.06	0.8365	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Call			259.57120	217.874	23.45	0.1547	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Call			836.87680	684.497	18.66	0.4330	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Put			1,086.17680	1,289.997	18.66	0.5670	0.00	0	1,200
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Put			1,674.43910	1,919.973	19.91	0.6758	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Call			595.13910	484.473	19.91	0.3242	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.56	Call			592.78800	482.432	19.92	0.3231	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Put			647.35530	806.562	17.55	0.4427	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Put			3,069.99770	3,371.967	22.28	0.8167	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Call			310.69770	256.467	22.28	0.1833	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			3,732.15720	3,377.255	14.99	0.9822	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			11.45720	12.755	14.99	0.0178	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Put			3,638.87120	3,953.374	23.45	0.8453	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Call			1,056.48740	874.919	17.97	0.5138	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Put			810.88740	986.019	17.97	0.4862	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Call			435.84100	352.310	21.09	0.2405	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Put			2,440.24100	2,713.410	21.09	0.7595	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.20	Call			1,078.24550	893.869	17.90	0.5221	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.20	Put			782.64550	954.969	17.90	0.4779	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.89	Put			2,771.64250	3,055.719	21.58	0.7889	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	16.89	Call			377.24250	304.619	21.58	0.2111	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Put			276.40120	362.778	16.35	0.2622	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Call			1,772.00120	1,501.678	16.35	0.7378	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Put			1,780.35390	2,027.579	20.05	0.6818	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Call			595.95390	486.479	20.05	0.3182	0.00	0	500
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Put			387.48050	491.630	16.65	0.3214	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Call			1,556.68050	1,303.930	16.65	0.6786	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Put			2,611.44960	2,884.674	21.25	0.7568	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Call			462.24960	377.574	21.25	0.2432	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	14.20	Call			1,158.03250	968.962	17.92	0.5331	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.20	Put			807.23250	976.062	17.92	0.4669	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Put			1,939.36280	2,186.544	20.22	0.6839	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Call			1,592.73430	1,342.228	16.76	0.6710	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Call			1,847.66700	1,578.826	16.42	0.7377	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Put			296.86700	385.926	16.42	0.2623	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Call			620.16280	509.443	20.22	0.3161	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	17.09	Put			2,944.24930	3,228.543	21.75	0.7839	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	17.09	Call			405.04930	331.443	21.75	0.2161	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Call			1,136.09490	949.644	17.99	0.5251	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Put			835.29490	1,006.744	17.99	0.4749	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put			431.93430	539.328	16.76	0.3290	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	29/11/2019	Foreign Exchange Option	17.26	Put			3,090.08540	3,375.624	21.92	0.7784	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Call			432.48540	359.024	21.92	0.2216	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Call			1,208.49190	1,017.583	17.99	0.5348	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Put			856.09190	1,024.183	17.99	0.4652	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Put			2,756.43870	3,029.046	21.37	0.7534	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call			645.66330	533.545	20.35	0.3160	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Call			488.83870	402.446	21.37	0.2466	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Call			1,230.56580	1,036.720	17.91	0.5424	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Put			828.16580	993.320	17.91	0.4576	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put			313.28320	404.999	16.45	0.2619	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call			1,915.68320	1,648.400	16.45	0.7381	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put			2,073.26330	2,320.145	20.35	0.6840	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put			473.63720	583.361	16.84	0.3336	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call			1,641.73720	1,391.960	16.84	0.6664	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Call			1,540.92550	1,306.647	17.14	0.6320	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Put			571.82550	697.547	17.14	0.3680	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Put			3,192.64100	3,481.646	22.10	0.7773	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Call			441.74100	370.746	22.10	0.2227	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put			5,582.90090	5,892.440	24.16	0.8940	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call			212.00090	161.540	24.16	0.1060	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Call			2,801.76780	2,473.307	14.25	0.9081	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Put			62.66780	94.207	14.25	0.0919	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call			726.50580	606.055	20.10	0.3452	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put			1,907.40580	2,146.955	20.10	0.6548	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call			724.12570	603.970	20.11	0.3442	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put			1,915.02570	2,154.870	20.11	0.6558	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call			728.89560	608.143	20.08	0.3462	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put			1,899.79560	2,139.043	20.08	0.6538	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Put			3,243.06370	3,533.106	22.20	0.7706	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Call			466.56370	395.806	22.20	0.2294	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Call			1,291.41710	1,097.682	18.06	0.5453	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Put			877.91710	1,044.982	18.06	0.4547	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Put			2,908.84220	3,183.070	21.59	0.7479	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call			675.74350	564.462	20.58	0.3170	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Call			522.34220	435.769	21.59	0.2521	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Call			1,313.57880	1,117.010	17.99	0.5526	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Put			850.07880	1,014.310	17.99	0.4474	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put			330.21350	426.101	16.53	0.2610	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call			1,993.71350	1,728.800	16.53	0.7390	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Put			2,222.24350	2,471.762	20.58	0.6830	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put			514.74950	629.383	17.00	0.3375	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call			1,692.14950	1,445.783	17.00	0.6625	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put			554.09580	672.384	17.14	0.3410	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call			1,736.89580	1,492.985	17.14	0.6590	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put			593.65670	715.486	17.26	0.3437	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call			1,785.65670	1,543.986	17.26	0.6563	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	16/03/2020	Foreign Exchange Option	15.63	Call			984.65210	842.261	19.87	0.4069	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Put			1,805.95210	2,027.561	19.87	0.5931	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Call			990.33050	847.171	19.84	0.4088	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Put			1,791.63050	2,012.471	19.84	0.5912	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Call			987.48290	844.708	19.85	0.4078	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Put			1,798.78290	2,020.008	19.85	0.5922	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put			632.97510	758.146	17.38	0.3460	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call			1,834.17510	1,594.646	17.38	0.6540	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call			1,871.93370	1,633.018	17.46	0.6515	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put			669.13370	796.118	17.46	0.3485	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put			708.72280	838.488	17.56	0.3497	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call			1,926.42280	1,688.888	17.56	0.6503	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			1,330.85030	1,156.452	19.32	0.4850	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,524.05030	1,717.352	19.32	0.5150	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			1,327.31840	1,153.328	19.33	0.4840	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put			1,530.51840	1,724.228	19.33	0.5160	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Call			1,334.40080	1,159.593	19.31	0.4861	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Put			1,517.60080	1,710.493	19.31	0.5139	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,668.93860	1,866.530	19.52	0.5210	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			1,363.63860	1,191.630	19.52	0.4790	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			1,475.02090	1,296.651	19.47	0.4946	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,668.62090	1,861.851	19.47	0.5054	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			1,471.50960	1,293.511	19.48	0.4937	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,675.10960	1,868.711	19.48	0.5063	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Call			1,478.55040	1,299.794	19.46	0.4956	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Put			1,662.15040	1,854.994	19.46	0.5044	0.00	0	0
Total \$ / R Option												112,009,249.59	227,969	8,597,401
Total \$ / R												1,630,378,056.79	339,149	9,553,598
\$ / R MAXI	On	14/12/2018	Foreign Exchange Future			13.64580		13.98790			0.0000	204,687.00	15	464
\$ / R MAXI	On	18/03/2019	Foreign Exchange Future			13.80240		14.14950			0.0000	0.00	0	10
\$ / R MAXI	On	14/06/2019	Foreign Exchange Future			13.95290		14.30410			0.0000	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Future			14.11450		14.47070			0.0000	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Future			14.26910		14.62910			0.0000	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Future			14.44470		14.80870			0.0000	0.00	0	0
Total \$ / R MAXI Future												204,687.00	15	474
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Put			168,468.77430	202,512.049	25.66	0.9958	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Call			258.77430	92.049	25.66	0.0042	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Call			810.05260	235.390	22.99	0.0110	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Put			122,020.05260	155,655.390	22.99	0.9890	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Call			787.56740	230.300	23.04	0.0107	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Put			122,997.56740	156,650.300	23.04	0.9893	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Call			833.16260	240.613	22.93	0.0112	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Put			121,043.16260	154,660.613	22.93	0.9888	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	18/03/2019	Foreign Exchange Option	14.02	Call			58,741.85330	42,198.099	17.27	0.4528	0.00	0	0	
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.02	Put			45,791.85330	63,958.099	17.27	0.5472	0.00	0	0	
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.03	Call			58,271.38060	41,848.064	17.29	0.4499	0.00	0	0	
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.03	Put			46,321.38060	64,608.064	17.29	0.5501	0.00	0	0	
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.04	Call			57,804.38700	41,500.846	17.31	0.4471	0.00	0	0	
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.04	Put			46,854.38700	65,260.846	17.31	0.5529	0.00	0	0	
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Call			71,738.00620	56,439.857	18.10	0.4405	0.00	0	0	
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Put			77,328.00620	97,149.857	18.10	0.5595	0.00	0	0	
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.37	Call			71,346.25790	56,120.468	18.12	0.4385	0.00	0	0	
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.37	Put			77,936.25790	97,830.468	18.12	0.5615	0.00	0	0	
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Call			70,956.64600	55,802.973	18.14	0.4366	0.00	0	0	
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Put			78,546.64600	98,512.973	18.14	0.5634	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.69	Call			84,751.04440	69,345.532	18.61	0.4375	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.69	Put			106,681.04440	126,895.532	18.61	0.5625	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.70	Call			84,393.59530	69,045.633	18.63	0.4360	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.70	Put			107,323.59530	127,595.633	18.63	0.5640	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.71	Call			84,038.28270	68,746.692	18.64	0.4345	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.71	Put			107,968.28270	128,296.692	18.64	0.5655	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.03	Call			134,547.39670	114,029.401	17.69	0.5729	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.03	Put			74,637.39670	90,119.401	17.69	0.4271	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.01	Call			135,503.77410	114,866.817	17.66	0.5761	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.01	Put			73,593.77410	88,956.817	17.66	0.4239	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.02	Call			135,024.68750	114,447.256	17.68	0.5745	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.02	Put			74,114.68750	89,537.256	17.68	0.4255	0.00	0	0	
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.67	Call			130,880.68510	112,563.992	18.72	0.5135	0.00	0	0	
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.67	Put			117,010.68510	135,093.992	18.72	0.4865	0.00	0	0	
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.68	Call			130,496.84910	112,213.082	18.73	0.5123	0.00	0	0	
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.68	Put			117,626.84910	135,743.082	18.73	0.4877	0.00	0	0	
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.69	Call			130,115.04950	111,863.439	18.74	0.5111	0.00	0	0	
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.69	Put			118,245.04950	136,393.439	18.74	0.4889	0.00	0	0	
Total \$ / R MAXI Option												0.00	0	0
Total \$ / R MAXI												204,687.00	15	474
£ / R	On	30/11/2018	Foreign Exchange Future			17.42680	17.84250			0.0000	0.00	0	13	
£ / R	On	14/12/2018	Foreign Exchange Future			17.44960	17.88010			0.0000	366,441.60	21	417,924	
£ / R	On	31/01/2019	Foreign Exchange Future			17.59660	18.03260			0.0000	0.00	0	27	
£ / R	On	18/03/2019	Foreign Exchange Future			17.73650	18.17580			0.0000	8,531,256.50	481	12,349	
£ / R	On	29/03/2019	Foreign Exchange Future			17.77060	18.21030			0.0000	0.00	0	24	
£ / R	On	14/06/2019	Foreign Exchange Future			18.00920	18.45620			0.0000	8,572,379.20	476	5,539	
£ / R	On	16/09/2019	Foreign Exchange Future			18.30390	18.76210			0.0000	8,859,087.60	484	11,480	
£ / R	On	13/12/2019	Foreign Exchange Future			18.58590	19.05470			0.0000	18,474,384.60	994	247	
£ / R	On	16/03/2020	Foreign Exchange Future			18.90280	19.38290			0.0000	0.00	0	0	
Total £ / R Future												44,803,549.50	2,456	447,603
£ / R	On	30/11/2018	Foreign Exchange Option	19.46	Put		1,617.63480	2,033.206	54.03	0.9999	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	19.46	Call			0.13480	0.006	54.03	0.0001	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	19.30	Put			1,433.16980	1,856.255	23.77	0.9807	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	19.30	Call			13.26980	5.855	23.77	0.0193	0.00	0	200
£ / R	On	14/12/2018	Foreign Exchange Option	21.00	Put			3,121.32560	3,550.980	31.13	0.9982	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	21.00	Call			1.42560	0.580	31.13	0.0018	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Call			156.72960	42.583	17.00	0.1409	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Put			396.62960	712.983	17.00	0.8591	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Call			153.37120	41.330	17.01	0.1374	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Put			403.27120	721.730	17.01	0.8626	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Call			160.14210	43.868	17.00	0.1444	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Put			390.04210	704.268	17.00	0.8556	0.00	0	0
£ / R	On	31/01/2019	Foreign Exchange Option	18.79	Put			997.11940	1,328.776	17.66	0.8044	0.00	0	0
£ / R	On	31/01/2019	Foreign Exchange Option	18.79	Call			239.71940	135.376	17.66	0.1956	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Put			732.18330	983.054	16.90	0.6150	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Put			737.99900	989.885	16.91	0.6172	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Call			612.19120	422.744	16.89	0.3872	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Put			726.39120	976.244	16.89	0.6128	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	19.19	Call			319.24440	211.259	17.78	0.2230	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	19.19	Put			1,333.44440	1,664.759	17.78	0.7770	0.00	0	1,000
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Call			607.98330	419.554	16.90	0.3850	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Call			151.32840	95.486	18.72	0.1131	0.00	0	1,500
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			750.20760	524.727	16.64	0.4535	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			574.40760	788.227	16.64	0.5465	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Put			3,319.20440	3,739.272	20.00	0.9535	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Call			55.00440	35.772	20.00	0.0465	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Call			603.79900	416.385	16.91	0.3828	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Put			1,998.66330	2,374.120	18.56	0.8715	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Call			174.46330	110.620	18.56	0.1285	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Put			2,155.52840	2,538.986	18.72	0.8869	0.00	0	0
£ / R	On	29/03/2019	Foreign Exchange Option	18.09	Put			636.78680	858.349	16.75	0.5546	0.00	0	0
£ / R	On	29/03/2019	Foreign Exchange Option	18.09	Call			757.08680	538.949	16.75	0.4454	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call			842.04300	640.331	17.10	0.4180	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put			1,015.84300	1,261.131	17.10	0.5820	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Call			837.93950	636.983	17.11	0.4164	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put			1,021.73950	1,267.783	17.11	0.5836	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call			846.16350	643.695	17.09	0.4197	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put			1,009.96350	1,254.495	17.09	0.5803	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Call			1,145.88880	916.594	17.45	0.4613	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Put			1,193.78880	1,422.694	17.45	0.5387	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Call			1,141.63260	912.976	17.45	0.4600	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Put			1,199.53260	1,429.076	17.45	0.5400	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Call			1,137.39000	909.363	17.46	0.4586	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Put			1,205.29000	1,435.463	17.46	0.5414	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Call			1,044.70830	850.648	18.30	0.3872	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Put			1,940.00830	2,214.748	18.30	0.6128	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Call			1,041.41760	847.951	18.30	0.3862	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	19.96	Put			1,946.71760	2,222.051	18.30	0.6138	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Call			1,038.12900	845.262	18.31	0.3853	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Put			1,953.42900	2,229.362	18.31	0.6147	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Call			1,271.11520	1,065.852	18.79	0.4113	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Put			2,178.21520	2,453.052	18.79	0.5887	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Call			1,267.74630	1,063.010	18.80	0.4105	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Put			2,184.84630	2,460.210	18.80	0.5895	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Call			1,264.38600	1,060.175	18.80	0.4097	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Put			2,191.48600	2,467.375	18.80	0.5903	0.00	0	0
Total £ / R Option												0.00	0	4,200
Total £ / R												44,803,549.50	2,456	451,803
¥ / R	On	14/12/2018	Foreign Exchange Future			0.12055		0.12288			0.0000	0.00	0	6,905
¥ / R	On	18/03/2019	Foreign Exchange Future			0.12297		0.12535			0.0000	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Future			0.12525		0.12769			0.0000	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Future			0.12776		0.13028			0.0000	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Future			0.13020		0.13278			0.0000	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Future			0.13617		0.13886			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			368.72960	218.224	19.50	0.5536	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Put			80.42960	163.524	19.50	0.4464	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Call			32.35490	9.639	21.68	0.0450	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Put			744.05490	954.939	21.68	0.9550	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Call			1,291.68020	1,059.928	23.15	0.9758	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Put			3.38020	5.228	23.15	0.0242	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Call			904.41750	768.363	23.00	0.6015	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Put			369.61750	471.763	23.00	0.3985	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Call			431.52580	376.739	24.34	0.3625	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Put			896.72580	1,080.139	24.34	0.6375	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Call			1,633.47050	1,424.357	21.65	0.8416	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Put			98.67050	127.757	21.65	0.1584	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Call			674.36510	567.899	20.94	0.4345	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			905.46510	1,042.899	20.94	0.5655	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			390.95350	323.129	22.39	0.2761	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			1,622.05350	1,798.129	22.39	0.7239	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			1,136.02530	980.208	19.11	0.6463	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			367.12530	455.208	19.11	0.3537	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.13	Call			972.60930	826.036	20.36	0.4982	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.13	Put			945.00930	1,049.736	20.36	0.5018	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.14	Call			635.52330	534.972	21.72	0.3540	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.14	Put			1,607.92330	1,758.672	21.72	0.6460	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.12	Call			1,478.39800	1,282.228	19.01	0.6752	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.12	Put			450.79800	505.928	19.01	0.3248	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.12	Call			1,749.30210	1,544.574	18.69	0.6997	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	0.12	Put			470.90210	524.674	18.69	0.3003	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.13	Call			1,233.17960	1,074.414	20.16	0.5439	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.13	Put			954.77960	1,054.514	20.16	0.4561	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.14	Call			873.95840	758.895	21.63	0.4133	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.14	Put			1,595.55840	1,738.995	21.63	0.5867	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.14	Call			1,316.41060	1,173.755	21.69	0.5044	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.14	Put			1,430.81060	1,557.155	21.69	0.4956	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.15	Call			1,020.18940	914.003	23.26	0.4078	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.15	Put			2,134.58940	2,297.403	23.26	0.5922	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.13	Call			1,731.09420	1,546.878	20.13	0.6243	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.13	Put			845.49420	930.278	20.13	0.3757	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			15.52440		15.74550			0.0000	0.00	0	37
€ / R	On	14/12/2018	Foreign Exchange Future			15.54880		15.78560			0.0000	5,815,251.20	374	121,441
€ / R	On	21/12/2018	Foreign Exchange Future			15.57020		15.80730			0.0000	0.00	0	0
€ / R	On	03/01/2019	Foreign Exchange Future			15.61970		15.85070			0.0000	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Future			15.86110		16.10520			0.0000	24,505,399.50	1,545	36,677
€ / R	On	14/06/2019	Foreign Exchange Future			16.15930		16.41000			0.0000	8,629,066.20	534	4,942
€ / R	On	14/08/2019	Foreign Exchange Future			16.37120		16.62780			0.0000	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Future			16.48710		16.74580			0.0000	8,968,982.40	544	9,941
€ / R	On	13/12/2019	Foreign Exchange Future			16.79480		17.05780			0.0000	9,304,319.20	554	277
€ / R	On	16/03/2020	Foreign Exchange Future			17.09800		17.37300			0.0000	0.00	0	0
Total € / R Future												57,223,018.50	3,551	173,315
€ / R	On	30/11/2018	Foreign Exchange Option	17.04	Put			1,294.63720	1,515.630	51.38	0.9997	0.00	0	0
€ / R	On	30/11/2018	Foreign Exchange Option	17.04	Call			0.13720	0.030	51.38	0.0003	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Call			1.42950	0.697	24.93	0.0030	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Put			2,105.82950	2,341.897	24.93	0.9970	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Call			1.40580	0.686	24.98	0.0029	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Put			2,115.80580	2,351.886	24.98	0.9971	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Call			1.45380	0.708	24.88	0.0030	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Put			2,095.85380	2,331.909	24.88	0.9970	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	21.00	Put			5,214.43050	5,451.214	37.78	0.9999	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	21.00	Call			0.03050	0.014	37.78	0.0001	0.00	0	0
€ / R	On	21/12/2018	Foreign Exchange Option	15.83	Put			253.76770	390.775	15.53	0.6610	0.00	0	32,000
€ / R	On	21/12/2018	Foreign Exchange Option	15.83	Call			231.06770	130.975	15.53	0.3390	0.00	0	0
€ / R	On	03/01/2019	Foreign Exchange Option	15.85	Put			297.42710	421.844	15.04	0.6144	0.00	0	13,000
€ / R	On	03/01/2019	Foreign Exchange Option	15.85	Call			298.12710	191.544	15.04	0.3856	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			572.40230	702.477	16.00	0.5591	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Put			3,581.52430	3,814.348	21.16	0.9637	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Call			36.72430	25.448	21.16	0.0363	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put			578.29870	709.048	16.02	0.5617	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call			539.42000	426.750	16.04	0.4356	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	16.15	Put			584.22000	715.650	16.04	0.5644	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Call			220.04740	167.673	18.17	0.1998	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Put			1,444.84740	1,636.573	18.17	0.8002	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			547.60230	433.577	16.00	0.4409	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Call			817.64400	661.306	15.18	0.5955	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Put			312.44400	400.207	15.18	0.4045	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			500.33080	619.449	15.76	0.5232	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			605.53080	480.549	15.76	0.4768	0.00	0	650
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call			543.49870	430.148	16.02	0.4383	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call			627.72410	525.085	17.14	0.3920	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put			1,077.72410	1,225.785	17.14	0.6080	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call			624.50000	522.309	17.16	0.3903	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put			1,084.50000	1,233.009	17.16	0.6097	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Call			621.28830	519.543	17.17	0.3886	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put			1,091.28830	1,240.243	17.17	0.6114	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Put			608.59710	708.394	15.99	0.4114	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Call			1,206.39710	1,049.594	15.99	0.5886	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Put			3,301.15890	3,516.102	20.73	0.8315	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Call			278.95890	237.302	20.73	0.1685	0.00	0	62,400
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Call			1,103.02930	956.216	16.27	0.5506	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Put			715.22930	825.016	16.27	0.4494	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Call			793.37840	680.230	17.28	0.4243	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Put			1,175.57840	1,319.030	17.28	0.5757	39,570,888.00	30,000	16,200
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Call			673.37690	580.205	18.20	0.3507	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Put			1,707.57690	1,873.105	18.20	0.6493	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Call			670.84930	578.000	18.21	0.3496	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Put			1,715.04930	1,880.900	18.21	0.6504	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Call			675.90980	582.427	18.18	0.3518	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Put			1,700.10980	1,865.327	18.18	0.6482	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.60	Put			2,352.67180	2,539.789	19.23	0.7312	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.60	Call			498.47180	426.889	19.23	0.2688	0.00	0	55,000
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Put			1,840.70900	1,997.257	18.21	0.6140	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Call			873.96820	766.929	18.18	0.3881	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Put			1,826.16820	1,982.129	18.18	0.6119	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	16.15	Put			691.65640	781.664	16.05	0.3740	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	20.62	Put			3,985.51160	4,210.436	21.58	0.7948	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	20.62	Call			423.31160	385.236	21.58	0.2052	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Call			871.23690	764.489	18.20	0.3870	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Put			1,833.43690	1,989.689	18.20	0.6130	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Call			868.50900	762.057	18.21	0.3860	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	13.73	Call			3,426.84320	3,176.925	15.40	0.9134	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	13.73	Put			99.04320	112.125	15.40	0.0866	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	16.15	Call			1,599.45640	1,426.464	16.05	0.6260	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Put			2,102.18620	2,260.514	18.47	0.6013	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Call			1,022.46470	906.067	18.48	0.3978	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Put			2,109.46470	2,268.067	18.48	0.6022	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	16/03/2020	Foreign Exchange Option	18.47	Call			1,019.75970	903.629	18.49	0.3969	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Put			2,116.75970	2,275.629	18.49	0.6031	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Call			1,025.18620	908.514	18.47	0.3987	0.00	0	0
Total € / R Option												39,570,888.00	30,000	232,086
Total € / R												96,793,906.50	33,551	405,401
AU\$ / R	On	14/12/2018	Foreign Exchange Future			9.99310		10.11510			0.0000	0.00	0	19,696
AU\$ / R	On	18/03/2019	Foreign Exchange Future			10.12410		10.24900			0.0000	0.00	0	324
AU\$ / R	On	14/06/2019	Foreign Exchange Future			10.25090		10.37890			0.0000	0.00	0	4,934
AU\$ / R	On	16/09/2019	Foreign Exchange Future			10.38900		10.52010			0.0000	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Future			10.52020		10.65410			0.0000	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Future			10.67060		10.80690			0.0000	0.00	0	0
Total AU\$ / R Future												0.00	0	24,954
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Call			0.56930	0.228	23.05	0.0017	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Put			1,355.46930	1,477.128	23.05	0.9983	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Call			0.55120	0.220	23.11	0.0017	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Put			1,365.45120	1,487.120	23.11	0.9983	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Call			0.53370	0.213	23.17	0.0016	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Put			1,375.43370	1,497.113	23.17	0.9984	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Put			368.06810	439.343	13.46	0.6139	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			254.43160	199.572	13.40	0.3956	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			355.43160	425.472	13.40	0.6044	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Call			250.72610	196.485	13.43	0.3908	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Put			361.72610	432.385	13.43	0.6092	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Call			247.06810	193.443	13.46	0.3861	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Call			217.05670	179.185	14.88	0.2746	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Put			848.15670	938.285	14.88	0.7254	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Call			214.88740	177.348	14.90	0.2722	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Put			855.98740	946.449	14.90	0.7278	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Call			219.24660	181.042	14.86	0.2770	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Put			840.34660	930.142	14.86	0.7230	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.76	Call			437.75500	378.639	14.46	0.4179	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.76	Put			677.65500	749.639	14.46	0.5821	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.77	Call			434.32050	375.574	14.47	0.4152	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.77	Put			684.22050	756.574	14.47	0.5848	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			441.21630	381.733	14.44	0.4206	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			671.11630	742.733	14.44	0.5794	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Call			533.70640	470.310	14.77	0.4363	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Put			779.60640	850.110	14.77	0.5637	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Call			530.23240	467.150	14.79	0.4340	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Put			786.13240	856.950	14.79	0.5660	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.89	Call			537.20350	473.488	14.76	0.4386	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.89	Put			773.10350	843.288	14.76	0.5614	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Call			637.84280	571.830	15.23	0.4522	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	16/03/2020	Foreign Exchange Option	11.06	Put			890.94280	961.230	15.23	0.5478	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Call			634.31740	568.581	15.24	0.4503	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Put			897.41740	967.981	15.24	0.5497	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Call			641.38810	575.104	15.22	0.4542	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Put			884.48810	954.504	15.22	0.5458	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			10.28850		10.48930			0.0000	0.00	0	700
CAD/ R	On	18/03/2019	Foreign Exchange Future			10.42810		10.63210			0.0000	0.00	0	250
CAD/ R	On	14/06/2019	Foreign Exchange Future			10.55720		10.76400			0.0000	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Future			10.57280		10.78050			0.0000	0.00	0	250
CAD/ R	On	13/12/2019	Foreign Exchange Future			10.70860		10.92090			0.0000	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Future			10.84080		11.05640			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			1,010.66370	810.109	18.08	0.9878	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Put			1.36370	1.609	18.08	0.0122	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Call			1,000.70000	800.174	17.97	0.9873	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Put			1.40000	1.674	17.97	0.0127	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Call			1,020.62860	820.047	18.19	0.9883	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Put			1.32860	1.547	18.19	0.0117	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Call			287.34130	208.508	14.67	0.3760	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Put			385.24130	510.408	14.67	0.6240	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Call			283.58560	205.634	14.70	0.3719	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Put			391.48560	517.534	14.70	0.6281	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Call			291.14290	211.423	14.64	0.3802	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Put			379.04290	503.323	14.64	0.6198	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Call			445.78280	356.175	14.95	0.4395	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Put			481.78280	598.975	14.95	0.5605	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Call			441.75450	352.832	14.97	0.4364	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Put			487.75450	605.632	14.97	0.5636	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Call			449.84540	359.545	14.93	0.4427	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Put			475.84540	592.345	14.93	0.5573	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Call			378.11140	310.473	16.24	0.3318	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Put			977.61140	1,117.673	16.24	0.6682	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Call			375.48960	308.282	16.25	0.3298	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Put			984.98960	1,125.482	16.25	0.6702	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Call			372.89110	306.112	16.27	0.3279	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Put			992.39110	1,133.311	16.27	0.6721	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Call			480.51270	403.385	16.54	0.3596	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Put			1,099.61270	1,234.785	16.54	0.6404	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Call			477.76990	401.038	16.55	0.3579	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Put			1,106.86990	1,242.438	16.55	0.6421	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Call			483.27730	405.744	16.52	0.3614	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	11.53	Put			1,092.37730	1,227.144	16.52	0.6386	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Call			582.57510	499.667	16.81	0.3827	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Put			1,216.17510	1,348.867	16.81	0.6173	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Call			579.72310	497.174	16.82	0.3811	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Put			1,223.32310	1,356.374	16.82	0.6189	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Call			585.44260	502.169	16.80	0.3842	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Put			1,209.04260	1,341.369	16.80	0.6158	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			78.25000		140.56000			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			13.71290		14.01470			0.0000	0.00	0	1,266
CHF / R	On	18/03/2019	Foreign Exchange Future			14.00450		14.31420			0.0000	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Future			14.28240		14.59980			0.0000	0.00	0	150
CHF / R	On	16/09/2019	Foreign Exchange Future			14.58770		14.91480			0.0000	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Future			14.87470		15.20750			0.0000	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Future			15.49110		15.83470			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			815.83150	533.247	16.58	0.8704	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Put			11.13150	30.347	16.58	0.1296	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			806.08210	524.466	16.55	0.8660	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			11.38210	31.566	16.55	0.1340	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			825.58780	542.070	16.61	0.8747	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			10.88780	29.170	16.61	0.1253	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Call			447.79320	324.640	16.92	0.3792	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Put			603.59320	790.140	16.92	0.6208	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			444.06760	321.803	16.94	0.3766	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			609.86760	797.303	16.94	0.6234	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			451.54810	327.498	16.90	0.3819	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			597.34810	782.999	16.90	0.6181	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			686.13940	542.732	17.54	0.4305	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			816.33940	990.332	17.54	0.5695	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			682.30210	539.562	17.56	0.4286	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			822.50210	997.162	17.56	0.5714	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			689.99340	545.921	17.53	0.4325	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			810.19340	983.521	17.53	0.5675	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Call			694.86950	574.312	19.19	0.3672	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Put			1,470.06950	1,676.612	19.19	0.6328	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Call			692.11130	572.006	19.21	0.3659	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Put			1,477.31130	1,684.306	19.21	0.6341	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	16/09/2019	Foreign Exchange Option	15.68	Call			697.64050	576.629	19.18	0.3684	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Put			1,462.84050	1,668.929	19.18	0.6316	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Call			885.96820	750.657	19.40	0.3997	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Put			1,628.46820	1,825.957	19.40	0.6003	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Call			883.07260	748.172	19.42	0.3986	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Put			1,635.57260	1,833.472	19.42	0.6014	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Call			880.18820	745.698	19.43	0.3975	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Put			1,642.68820	1,840.998	19.43	0.6025	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Call			1,100.41960	953.596	19.97	0.4213	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Put			1,895.71960	2,092.496	19.97	0.5787	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Call			1,097.48920	951.063	19.98	0.4204	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Put			1,902.78920	2,099.963	19.98	0.5796	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Call			1,103.35250	956.131	19.95	0.4223	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Put			1,888.65250	2,085.031	19.95	0.5777	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			1.96670		2.00980			0.0000	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Future			1.98440		2.02770			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.00300		2.04680			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			1,018.74500	608.570	13.82	0.8550	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Put			20.74500	41.570	13.82	0.1450	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Call			925.85120	527.822	13.98	0.8056	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Put			27.85120	60.822	13.98	0.1944	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Call			1,113.30440	694.299	13.66	0.8961	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Put			15.30440	27.299	13.66	0.1039	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Put			1,062.39740	1,360.469	16.02	0.7083	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Call			411.15290	283.785	16.15	0.2751	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Put			1,134.15290	1,439.785	16.15	0.7249	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Call			469.50370	326.655	15.89	0.3091	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Put			992.50370	1,282.654	15.89	0.6909	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Call			439.39740	304.469	16.02	0.2917	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			1,262.95870	1,000.696	15.10	0.5634	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			594.95870	770.696	15.10	0.4366	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			1,207.24410	952.336	15.15	0.5454	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			639.24410	822.336	15.15	0.4546	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			1,320.53610	1,050.911	15.05	0.5814	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			552.53610	720.911	15.05	0.4186	0.00	0	0
Total CNH / R Option												0.00	0	0
Total CNH / R												0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Future			2.09140		2.12180			0.0000	0.00	0	140

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	18/03/2019	Foreign Exchange Future			2.13400		2.16630			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.17600		2.20860			0.0000	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Future			2.22100		2.25500			0.0000	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Future			2.34140		2.37700			0.0000	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Future			2.39080		2.42710			0.0000	0.00	0	0
Total DKK / R Future												0.00	0	140
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Call			456.51310	259.623	14.94	0.5149	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Put			138.51310	245.623	14.94	0.4851	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Call			384.97100	208.093	14.68	0.4510	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Put			166.97100	294.093	14.68	0.5490	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Call			532.56200	317.392	15.20	0.5764	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Put			114.56200	203.392	15.20	0.4236	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Put			1,332.13830	1,558.847	16.10	0.7285	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Call			448.19740	342.192	15.89	0.3033	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Put			1,185.19740	1,402.192	15.89	0.6967	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Call			420.85720	320.292	16.00	0.2872	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Put			1,257.85720	1,480.292	16.00	0.7128	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Call			395.13830	298.847	16.10	0.2715	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			651.91670	775.080	14.94	0.4180	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			1,283.29960	1,086.585	15.01	0.5652	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			697.29960	826.585	15.01	0.4348	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			1,230.42870	1,039.835	15.08	0.5486	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			744.42870	879.835	15.08	0.4514	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			1,337.91670	1,135.080	14.94	0.5820	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Call			847.80500	724.362	16.81	0.3499	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Put			2,097.80500	2,314.362	16.81	0.6501	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Call			821.17780	700.947	16.89	0.3406	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Put			2,171.17780	2,390.947	16.89	0.6594	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Call			795.43930	678.346	16.97	0.3315	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Put			2,245.43930	2,468.346	16.97	0.6685	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Call			1,105.74230	967.365	17.72	0.3674	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Put			2,635.74230	2,853.365	17.72	0.6326	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Call			1,079.00370	943.449	17.78	0.3599	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Put			2,709.00370	2,929.449	17.78	0.6401	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Call			1,052.98520	920.186	17.85	0.3526	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Put			2,782.98520	3,006.186	17.85	0.6474	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Call			1,320.76730	1,177.706	18.19	0.3815	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Put			3,049.76730	3,269.706	18.19	0.6185	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Call			1,294.29460	1,153.629	18.25	0.3751	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Put			3,123.29460	3,345.629	18.25	0.6249	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Call			1,268.42000	1,130.134	18.31	0.3688	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Put			3,197.42000	3,422.134	18.31	0.6312	0.00	0	0
Total DKK / 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 DKK / R												0.00	0	140
HK\$/R	On	14/12/2018	Foreign Exchange Future			1.74500		1.78820			0.0000	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Future			1.76920		1.81340			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			1.79130		1.83620			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			2,283.08940	1,852.014	22.92	0.9926	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Put			1.08940	2.013	22.92	0.0074	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Call			2,183.44900	1,752.629	22.50	0.9904	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Put			1.44900	2.629	22.50	0.0096	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Call			2,083.92200	1,653.432	22.07	0.9875	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Put			1.92200	3.432	22.07	0.0125	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Call			785.36630	563.996	17.09	0.4687	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Put			551.36630	771.996	17.09	0.5313	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Call			736.74840	527.130	17.23	0.4458	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Put			602.74840	835.130	17.23	0.5542	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Call			836.48280	603.162	16.96	0.4923	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Put			502.48280	711.162	16.96	0.5077	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			1,314.59450	1,049.619	17.00	0.5807	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			552.59450	736.619	17.00	0.4193	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			1,260.01800	1,003.274	17.12	0.5628	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			598.01800	790.274	17.12	0.4372	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			1,371.15440	1,097.882	16.89	0.5987	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			509.15440	684.882	16.89	0.4013	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			0.13280		0.13600			0.0000	0.00	0	0
KES / R	On	18/03/2019	Foreign Exchange Future			0.13270		0.13570			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.13240		0.13560			0.0000	0.00	0	2,166
KES / R	On	16/09/2019	Foreign Exchange Future			0.13220		0.13550			0.0000	0.00	0	0
KES / R	On	13/12/2019	Foreign Exchange Future			0.13100		0.13430			0.0000	0.00	0	0
KES / R	On	16/03/2020	Foreign Exchange Future			0.12980		0.13320			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			1.60250		1.62730			0.0000	0.00	0	0
NOK/R	On	18/03/2019	Foreign Exchange Future			1.62770		1.65330			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.65210		1.67790			0.0000	0.00	0	0
Total NOK/R Future												0.00	0	0
Total NOK/R												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	14/12/2018	Foreign Exchange Future			9.36560		9.50620			0.0000	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Future			9.48870		9.63170			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			9.60840		9.75390			0.0000	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Future			9.73760		9.88680			0.0000	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Future			10.21770		10.37340			0.0000	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Future			10.35730		10.51430			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			580.10610	441.438	14.44	0.9497	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Put			3.90610	5.838	14.44	0.0503	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Call			570.27070	431.759	14.33	0.9469	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Put			4.07070	6.159	14.33	0.0531	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Call			589.94920	451.136	14.55	0.9522	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Put			3.74920	5.536	14.55	0.0478	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Call			331.68500	251.701	13.12	0.4901	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Put			229.98500	293.001	13.12	0.5099	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Call			326.51640	247.718	13.15	0.4844	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Put			234.81640	299.018	13.15	0.5156	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Call			336.91210	255.744	13.09	0.4959	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Put			225.21210	287.044	13.09	0.5041	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			332.25470	270.444	14.24	0.4003	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			498.35470	582.044	14.24	0.5997	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			328.72050	267.440	14.27	0.3968	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			504.82050	589.040	14.27	0.6032	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			335.82810	273.482	14.22	0.4038	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			491.92810	575.082	14.22	0.5962	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Call			534.30950	455.968	14.51	0.4936	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Put			487.50950	558.368	14.51	0.5064	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Call			529.88450	452.168	14.53	0.4906	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Put			493.08450	564.568	14.53	0.5094	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Call			525.49470	448.396	14.54	0.4875	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Put			498.69470	570.796	14.54	0.5125	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Call			666.50750	585.722	15.56	0.4992	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Put			643.10750	718.021	15.56	0.5008	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Call			662.46450	582.073	15.57	0.4969	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Put			649.06450	724.373	15.57	0.5031	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Call			670.67630	589.394	15.54	0.5016	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Put			637.27630	711.694	15.54	0.4984	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Call			765.65530	684.408	16.12	0.5027	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Put			771.35530	847.108	16.12	0.4973	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Call			761.69520	680.778	16.13	0.5007	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Put			777.39520	853.478	16.13	0.4993	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.51	Call			769.63650	688.064	16.10	0.5047	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.51	Put			765.33650	840.764	16.10	0.4953	0.00	0	0
Total NZ\$ / 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 NZ\$ / R									0.00	0	0
PULA / R On 14/12/2018 Foreign Exchange Future			1.30060		1.31770			0.0000	0.00	0	0
PULA / R On 18/03/2019 Foreign Exchange Future			1.30450		1.32530			0.0000	0.00	0	0
PULA / R On 14/06/2019 Foreign Exchange Future			1.30820		1.33150			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			577.00000	406.000		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			477.00000	306.000		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			677.00000	506.000		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			147.00000	355.000		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			247.00000	455.000		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			47.00000	255.000		1.0000	0.00	0	0
PULA / R On 14/06/2019 Foreign Exchange Option	1.32	Call			115.00000	0.000		0.0000	0.00	0	0
PULA / R On 14/06/2019 Foreign Exchange Option	1.32	Put			0.00000	118.000		1.0000	0.00	0	0
PULA / R On 14/06/2019 Foreign Exchange Option	1.33	Call			15.00000	0.000		0.0000	0.00	0	0
PULA / R On 14/06/2019 Foreign Exchange Option	1.33	Put			0.00000	218.000		1.0000	0.00	0	0
PULA / R On 14/06/2019 Foreign Exchange Option	1.31	Call			215.00000	0.000		0.0000	0.00	0	0
PULA / R On 14/06/2019 Foreign Exchange Option	1.31	Put			0.00000	18.000		1.0000	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			1.27880		1.27830			0.0000	0.00	0	250
QUANTO £ On 18/03/2019 Foreign Exchange Future			1.28500		1.28460			0.0000	0.00	0	0
QUANTO £ On 14/06/2019 Foreign Exchange Future			1.29070		1.29030			0.0000	0.00	0	0
QUANTO £ On 16/09/2019 Foreign Exchange Future			1.29680		1.29660			0.0000	0.00	0	0
QUANTO £ On 13/12/2019 Foreign Exchange Future			1.30250		1.30250			0.0000	0.00	0	0
QUANTO £ On 16/03/2020 Foreign Exchange Future			1.30860		1.30890			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			1.13950		1.12850			0.0000	5,697.50	5	55
QUANTO € On 18/03/2019 Foreign Exchange Future			1.14920		1.13820			0.0000	0.00	0	0
QUANTO € On 14/06/2019 Foreign Exchange Future			1.15810		1.14720			0.0000	674,014.20	582	582
QUANTO € On 16/09/2019 Foreign Exchange Future			1.16810		1.15720			0.0000	0.00	0	0
QUANTO € On 13/12/2019 Foreign Exchange Future			1.17700		1.16600			0.0000	0.00	0	0
QUANTO € On 16/03/2020 Foreign Exchange Future			1.18370		1.17320			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 QUANTO € / \$ Future												679,711.70	587	637
Total QUANTO € / \$												679,711.70	587	637
R / ¥EN	On	14/12/2018	Foreign Exchange Future			8.29550	0.12030	8.13780			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		0.12030	3,556.62630	4,933.157	22.81	0.9031	0.00	0	0
R / ¥EN	On	14/12/2018	Foreign Exchange Option	7.82	Put		0.12030	378.62630	178.157	22.81	0.0969	0.00	0	0
R / ¥EN	On	14/12/2018	Foreign Exchange Option	7.83	Call		0.12030	3,473.81440	4,840.927	22.71	0.8993	0.00	0	0
R / ¥EN	On	14/12/2018	Foreign Exchange Option	7.83	Put		0.12030	395.81440	185.927	22.71	0.1007	0.00	0	0
R / ¥EN	On	14/12/2018	Foreign Exchange Option	7.81	Call		0.12030	3,640.07940	5,025.705	22.91	0.9069	0.00	0	0
R / ¥EN	On	14/12/2018	Foreign Exchange Option	7.81	Put		0.12030	362.07940	170.705	22.91	0.0931	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			9.95880		10.15250			0.0000	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Future			10.09680		10.29430			0.0000	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Future			10.23260		10.43340			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			785.41550	593.223	16.54	0.9667	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Put			2.91550	4.423	16.54	0.0333	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Call			775.50620	583.435	16.44	0.9651	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Put			3.00620	4.635	16.44	0.0349	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Call			795.32800	603.022	16.64	0.9682	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Put			2.82800	4.222	16.64	0.0318	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Call			309.48900	223.496	14.86	0.4003	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Put			355.18900	466.696	14.86	0.5997	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			305.44190	220.359	14.89	0.3960	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			361.14190	473.559	14.89	0.6040	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			313.58360	226.673	14.84	0.4047	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			349.28360	459.873	14.84	0.5953	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Call			682.98100	554.337	14.44	0.6063	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Put			249.58100	321.737	14.44	0.3937	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Call			677.02840	549.123	14.46	0.6026	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Put			253.62840	326.523	14.46	0.3974	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Call			688.97240	559.590	14.43	0.6100	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Put			245.57240	316.990	14.43	0.3900	0.00	0	0
Total SGD / R Option												0.00	0	0
Total SGD / R												0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Future			2.62590		2.63620			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
TRY / R	On	18/03/2019	Foreign Exchange Future			2.52780		2.53200			0.0000	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Future			2.44310		2.44490			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			1.89970	1.416	30.23	0.0239	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Put			335.69970	345.516	30.23	0.9761	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Call			1.75470	1.307	30.54	0.0221	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Put			345.55470	355.407	30.54	0.9779	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Call			2.05920	1.536	29.92	0.0259	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Put			325.85920	335.636	29.92	0.9741	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Put			251.59210	253.264	20.58	0.7455	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Call			47.74270	45.099	20.46	0.2744	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Put			235.74270	237.300	20.46	0.7256	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Call			45.62320	43.038	20.52	0.2643	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Put			243.62320	245.238	20.52	0.7357	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Call			43.59210	41.064	20.58	0.2545	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Call			4.82500	3.856	24.40	0.0248	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Put			1,089.92500	1,090.756	24.40	0.9752	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Call			4.63860	3.699	24.40	0.0239	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Put			1,099.73860	1,100.599	24.40	0.9761	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Call			5.01840	4.020	24.40	0.0257	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Put			1,080.11840	1,080.920	24.40	0.9743	0.00	0	0
Total TRY / R Option												0.00	0	0
Total TRY / R												0.00	0	0
Total Futures												1 621 279 773.90	117,789	1,625,257
Total Options												151 580 137.59	257,969	8,833,687
Grand Total:												1,772,859,911.49	375,758	10,458,944