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CURRENCY DERIVATIVES

CURRENCY DERIVATIVES DAILY MTM REPORT

DAILY SUMMARY FOR: 04/09/2018

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 06/09/2018 Foreign Exchange Future			15.22860		14.86590			0.0000	0.00	0	300
\$ / R On 07/09/2018 Foreign Exchange Future			15.22850		14.86790			0.0000	0.00	0	0
\$ / R On 13/09/2018 Foreign Exchange Future			15.24090		14.88010			0.0000	0.00	0	0
\$ / R On 14/09/2018 Foreign Exchange Future			15.24310		15.01380			0.0000	0.00	0	0
\$ / R On 17/09/2018 Foreign Exchange Future			15.24970		14.88820			0.0000	2,381,088,158.00	156,140	455,763
\$ / R On 18/09/2018 Foreign Exchange Future			15.25180		15.00130			0.0000	0.00	0	0
\$ / R On 25/09/2018 Foreign Exchange Future			15.26710		14.90440			0.0000	0.00	0	197
\$ / R On 26/09/2018 Foreign Exchange Future			15.26930		14.90640			0.0000	0.00	0	0
\$ / R On 28/09/2018 Foreign Exchange Future			15.27370		14.91050			0.0000	19,244,862.00	1,260	2,673
\$ / R On 02/10/2018 Foreign Exchange Future			15.28240		14.91860			0.0000	0.00	0	55
\$ / R On 12/10/2018 Foreign Exchange Future			15.30400		14.93900			0.0000	0.00	0	0
\$ / R On 17/10/2018 Foreign Exchange Future			15.31460		14.94920			0.0000	0.00	0	235
\$ / R On 22/10/2018 Foreign Exchange Future			15.32520		14.95940			0.0000	0.00	0	0
\$ / R On 25/10/2018 Foreign Exchange Future			15.33150		14.96550			0.0000	0.00	0	70
\$ / R On 29/10/2018 Foreign Exchange Future			15.34000		14.97370			0.0000	0.00	0	225
\$ / R On 31/10/2018 Foreign Exchange Future			15.34430		14.97780			0.0000	0.00	0	4,847
\$ / R On 01/11/2018 Foreign Exchange Future			15.34640		14.97980			0.0000	0.00	0	55
\$ / R On 02/11/2018 Foreign Exchange Future			15.34850		15.12710			0.0000	0.00	0	0
\$ / R On 05/11/2018 Foreign Exchange Future			15.35480		14.98800			0.0000	0.00	0	0
\$ / R On 13/11/2018 Foreign Exchange Future			15.37150		15.00360			0.0000	0.00	0	70
\$ / R On 16/11/2018 Foreign Exchange Future			15.37770		15.00940			0.0000	0.00	0	420

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	19/11/2018	Foreign Exchange Future			15.38390		15.01530			0.0000	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Future			15.39220		15.02310			0.0000	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Future			15.40470		15.03480			0.0000	0.00	0	461
\$ / R	On	30/11/2018	Foreign Exchange Future			15.40680		15.03680			0.0000	0.00	0	7,449
\$ / R	On	11/12/2018	Foreign Exchange Future			15.42950		15.05850			0.0000	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Future			15.43560		15.06450			0.0000	5,352,047,330.40	346,734	442,576
\$ / R	On	21/12/2018	Foreign Exchange Future			15.45000		15.07850			0.0000	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Future			15.47060		15.09860			0.0000	0.00	0	3,387
\$ / R	On	02/01/2019	Foreign Exchange Future			15.47470		15.10260			0.0000	0.00	0	55
\$ / R	On	18/01/2019	Foreign Exchange Future			15.50750		15.13460			0.0000	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Future			15.53220		15.15860			0.0000	0.00	0	55
\$ / R	On	31/01/2019	Foreign Exchange Future			15.53420		15.16060			0.0000	0.00	0	1,225
\$ / R	On	13/02/2019	Foreign Exchange Future			15.56090		15.18660			0.0000	0.00	0	70
\$ / R	On	28/02/2019	Foreign Exchange Future			15.59180		15.21660			0.0000	0.00	0	4,725
\$ / R	On	18/03/2019	Foreign Exchange Future			15.62890		15.25270			0.0000	4,235,431.90	271	37,186
\$ / R	On	27/03/2019	Foreign Exchange Future			15.64760		15.27070			0.0000	0.00	0	4,414
\$ / R	On	29/03/2019	Foreign Exchange Future			15.65170		15.27470			0.0000	6,260,680.00	400	400
\$ / R	On	02/04/2019	Foreign Exchange Future			15.66000		15.28280			0.0000	0.00	0	55
\$ / R	On	30/04/2019	Foreign Exchange Future			15.71790		15.33890			0.0000	0.00	0	1,280
\$ / R	On	31/05/2019	Foreign Exchange Future			15.78210		15.40100			0.0000	0.00	0	55
\$ / R	On	03/06/2019	Foreign Exchange Future			15.78830		15.40700			0.0000	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Future			15.81180		15.42980			0.0000	14,230,620.00	900	19,210
\$ / R	On	28/06/2019	Foreign Exchange Future			15.84200		15.45920			0.0000	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Future			15.84850		15.46540			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			15.85280		15.46960			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			15.91320		15.52830			0.0000	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Future			15.91540		15.53040			0.0000	0.00	0	55
\$ / R	On	13/08/2019	Foreign Exchange Future			15.94130		15.55550			0.0000	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Future			15.97790		15.59110			0.0000	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Future			15.98440		15.59740			0.0000	0.00	0	55
\$ / R	On	16/09/2019	Foreign Exchange Future			16.01660		15.62880			0.0000	0.00	0	12,184
\$ / R	On	30/09/2019	Foreign Exchange Future			16.04960		15.66090			0.0000	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Future			16.05430		15.66540			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			16.12260		15.73180			0.0000	0.00	0	55
\$ / R	On	29/11/2019	Foreign Exchange Future			16.19090		15.79810			0.0000	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Future			16.19800		15.80500			0.0000	0.00	0	55
\$ / R	On	13/12/2019	Foreign Exchange Future			16.22390		15.83010			0.0000	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Future			16.26630		15.87130			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			16.27100		15.87590			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			16.33930		15.94220			0.0000	0.00	0	55
\$ / R	On	02/03/2020	Foreign Exchange Future			16.41230		16.01320			0.0000	0.00	0	55
\$ / R	On	16/03/2020	Foreign Exchange Future			16.44530		16.04520			0.0000	0.00	0	1,531
\$ / R	On	02/04/2020	Foreign Exchange Future			16.48540		16.08410			0.0000	0.00	0	55
\$ / R	On	29/04/2020	Foreign Exchange Future			16.54900		16.14580			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			16.62910		16.22360			0.0000	0.00	0	1,055
\$ / R	On	12/06/2020	Foreign Exchange Future			16.65260		16.24650			0.0000	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	28/07/2020	Foreign Exchange Future			16.76100		16.35170			0.0000	0.00	0	84,000
\$ / R	On	14/09/2020	Foreign Exchange Future			16.87740		16.46410			0.0000	0.00	0	0
Total \$ / R Future												7,777,107,082.30	505,705	1,086,888
\$ / R	On	06/09/2018	Foreign Exchange Option	13.44	Put			0.14880	0.109	52.96	0.0007	0.00	0	15,000
\$ / R	On	06/09/2018	Foreign Exchange Option	13.44	Call			1,426.04880	1,788.709	52.96	0.9993	0.00	0	0
\$ / R	On	06/09/2018	Foreign Exchange Option	13.43	Call			1,436.04090	1,798.707	53.19	0.9993	0.00	0	0
\$ / R	On	06/09/2018	Foreign Exchange Option	13.43	Put			0.14090	0.107	53.19	0.0007	0.00	0	10,000
\$ / R	On	07/09/2018	Foreign Exchange Option	13.90	Put			2.74920	0.797	39.00	0.0047	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.90	Call			970.64920	1,329.297	39.00	0.9953	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	13.09	Call			1,777.90750	2,138.500	36.52	1.0000	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.09	Put			0.00750	0.000	36.52	0.0000	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	12.90	Call			1,967.90060	2,328.500	35.54	1.0000	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	14.45	Call			452.28850	788.950	35.59	0.9498	0.00	0	20,000
\$ / R	On	07/09/2018	Foreign Exchange Option	13.80	Put			1.67180	0.480	39.62	0.0029	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.80	Call			1,069.57180	1,428.980	39.62	0.9971	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	12.90	Put			0.00060	0.000	35.54	0.0000	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	13.45	Put			0.27160	0.022	38.38	0.0002	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.45	Call			1,418.17160	1,778.522	38.38	0.9998	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	13.32	Put			0.09700	0.005	37.71	0.0000	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.32	Call			1,547.99700	1,908.505	37.71	1.0000	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	14.45	Put			34.38850	10.450	35.59	0.0502	0.00	0	0
\$ / R	On	13/09/2018	Foreign Exchange Option	13.30	Put			2.07510	0.526	30.98	0.0024	0.00	0	747
\$ / R	On	13/09/2018	Foreign Exchange Option	13.30	Call			1,582.17510	1,941.426	30.98	0.9976	0.00	0	0
\$ / R	On	14/09/2018	Foreign Exchange Option	14.95	Call			0.00000	424.691	25.22	0.6865	0.00	0	0
\$ / R	On	14/09/2018	Foreign Exchange Option	14.95	Put			0.00000	131.591	25.22	0.3135	2,631,824.00	20,000	20,000
\$ / R	On	14/09/2018	Foreign Exchange Option	14.65	Put			0.00000	48.589	23.84	0.1526	1,943,552.00	40,000	0
\$ / R	On	14/09/2018	Foreign Exchange Option	14.65	Call			0.00000	641.689	23.84	0.8474	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.86	Call			267.61460	510.301	24.02	0.7236	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.86	Put			239.41460	120.601	24.02	0.2764	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.87	Call			263.02140	503.593	24.06	0.7184	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.87	Put			244.82140	123.894	24.06	0.2816	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.85	Call			272.27060	517.065	23.98	0.7289	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.85	Put			234.07060	117.365	23.98	0.2711	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.14	Put			1,276.16860	963.458	29.93	0.8356	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.14	Call			24.36860	73.158	29.93	0.1644	0.00	0	750
\$ / R	On	17/09/2018	Foreign Exchange Option	12.85	Call			2,038.98650	2,400.396	32.61	0.9975	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.85	Put			0.78650	0.696	32.61	0.0025	0.00	0	750
\$ / R	On	17/09/2018	Foreign Exchange Option	11.00	Call			3,888.20000	4,249.729	46.70	0.9999	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.00	Put			0.00000	0.029	46.70	0.0001	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.96	Call			1,929.29250	2,290.649	32.11	0.9967	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.96	Put			1.09250	0.949	32.11	0.0033	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.14	Put			416.77090	234.801	25.03	0.4300	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.14	Call			164.97090	344.501	25.03	0.5700	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.50	Call			2,388.47450	2,749.956	34.21	0.9991	5,499,912.80	2,000	3,600
\$ / R	On	17/09/2018	Foreign Exchange Option	12.50	Put			0.27450	0.256	34.21	0.0009	0.00	0	44,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	17/09/2018	Foreign Exchange Option	12.61	Call			2,278.58260	2,640.052	33.71	0.9987	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.61	Put			0.38260	0.352	33.71	0.0013	0.00	0	13,231
\$ / R	On	17/09/2018	Foreign Exchange Option	15.97	Put			1,116.57830	817.131	29.22	0.7909	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.97	Call			34.77830	96.831	29.22	0.2091	0.00	0	5,300
\$ / R	On	17/09/2018	Foreign Exchange Option	16.04	Put			1,181.85390	876.779	29.53	0.8102	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.04	Call			30.05390	86.479	29.53	0.1898	0.00	0	1,550
\$ / R	On	17/09/2018	Foreign Exchange Option	12.65	Call			2,238.63150	2,600.095	33.53	0.9986	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.65	Put			0.43150	0.395	33.53	0.0014	0.00	0	1,550
\$ / R	On	17/09/2018	Foreign Exchange Option	13.65	Put			6.70570	6.205	28.95	0.0199	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.65	Call			1,244.90570	1,605.905	28.95	0.9801	0.00	0	1,464
\$ / R	On	17/09/2018	Foreign Exchange Option	13.73	Call			1,166.16620	1,527.356	28.59	0.9757	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.73	Put			7.96620	7.656	28.59	0.0243	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	17.02	Put			2,136.19870	1,786.631	33.25	0.9572	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	17.02	Call			4.39870	16.331	33.25	0.0428	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.36	Call			1,531.76690	1,892.557	30.28	0.9905	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.36	Put			3.56690	2.857	30.28	0.0095	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.08	Put			1,219.43980	911.191	29.69	0.8207	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.08	Call			27.63980	80.891	29.69	0.1793	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.75	Call			3,138.21070	3,499.765	39.75	0.9998	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.75	Put			0.01070	0.065	39.75	0.0002	0.00	0	93,314
\$ / R	On	17/09/2018	Foreign Exchange Option	13.25	Call			1,640.78160	2,001.817	30.78	0.9928	0.00	0	1,250
\$ / R	On	17/09/2018	Foreign Exchange Option	13.25	Put			2.58160	2.117	30.78	0.0072	0.00	0	74,064
\$ / R	On	17/09/2018	Foreign Exchange Option	16.29	Put			1,419.55850	1,097.148	30.52	0.8680	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.29	Call			17.75850	56.848	30.52	0.1320	0.00	0	73,314
\$ / R	On	17/09/2018	Foreign Exchange Option	13.30	Put			2.99090	2.427	30.55	0.0082	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.30	Call			1,591.19090	1,952.127	30.55	0.9918	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	11.50	Call			3,388.20060	3,749.749	42.07	0.9998	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.50	Put			0.00060	0.049	42.07	0.0002	0.00	0	45,000
\$ / R	On	17/09/2018	Foreign Exchange Option	11.85	Call			3,038.22810	3,399.772	38.83	0.9997	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.85	Put			0.02810	0.072	38.83	0.0003	0.00	0	48,200
\$ / R	On	17/09/2018	Foreign Exchange Option	12.00	Call			2,888.26000	3,249.785	37.44	0.9997	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.00	Put			0.06000	0.085	37.44	0.0003	0.00	0	13,300
\$ / R	On	17/09/2018	Foreign Exchange Option	11.70	Call			3,188.20640	3,549.761	40.22	0.9998	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.70	Put			0.00640	0.061	40.22	0.0002	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.60	Call			3,288.20210	3,649.755	41.14	0.9998	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.60	Put			0.00210	0.055	41.14	0.0002	0.00	0	2,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.30	Call			2,588.34980	2,949.843	35.13	0.9995	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.30	Put			0.14980	0.143	35.13	0.0005	0.00	0	100
\$ / R	On	17/09/2018	Foreign Exchange Option	11.48	Call			3,408.20050	3,769.748	42.26	0.9998	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.48	Put			0.00050	0.048	42.26	0.0002	0.00	0	5,200
\$ / R	On	17/09/2018	Foreign Exchange Option	12.77	Put			0.61890	0.555	32.98	0.0020	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.77	Call			2,118.81890	2,480.255	32.98	0.9980	0.00	0	5,200
\$ / R	On	17/09/2018	Foreign Exchange Option	13.50	Put			4.90410	4.166	29.64	0.0137	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.50	Call			1,393.10410	1,753.866	29.64	0.9863	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.80	Put			0.67710	0.605	32.84	0.0021	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.80	Call			2,088.87710	2,450.305	32.84	0.9979	0.00	0	50

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	17/09/2018	Foreign Exchange Option	12.25	Put		0.12870	0.124	35.36	0.0005	0.00	0	40,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.25	Call		2,638.32870	2,999.824	35.36	0.9995	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	11.90	Call		2,988.24400	3,349.776	38.36	0.9997	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.90	Put		0.04400	0.076	38.36	0.0003	0.00	0	3,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.48	Call		2,408.45840	2,769.942	34.30	0.9991	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.48	Put		0.25840	0.242	34.30	0.0009	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.68	Call		2,208.67230	2,570.130	33.39	0.9985	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.68	Put		0.47230	0.430	33.39	0.0015	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.20	Put		2.22750	1.846	31.01	0.0063	0.00	0	4,500
\$ / R	On	17/09/2018	Foreign Exchange Option	13.20	Call		1,690.42750	2,051.546	31.01	0.9937	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.38	Call		2,508.39090	2,869.881	34.76	0.9993	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.38	Put		0.19090	0.181	34.76	0.0007	0.00	0	60,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.00	Put		1.23080	1.061	31.93	0.0037	0.00	0	70,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.00	Call		1,889.43080	2,250.761	31.93	0.9963	0.00	0	7,500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.88	Call		2,009.06040	2,370.458	32.48	0.9973	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.88	Put		0.86040	0.758	32.48	0.0027	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	8.17	Call		6,718.20000	7,079.700	49.49	1.0000	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	8.17	Put		0.00000	0.000	49.49	0.0000	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.58	Call		2,308.54950	2,670.023	33.85	0.9988	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.58	Put		0.34950	0.323	33.85	0.0012	0.00	0	8,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.40	Call		2,488.40280	2,849.892	34.67	0.9993	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.40	Put		0.20280	0.192	34.67	0.0007	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.22	Call		1,670.56300	2,031.650	30.92	0.9934	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.22	Put		2.36300	1.950	30.92	0.0066	0.00	0	10,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.60	Put		6.03290	5.437	29.18	0.0176	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.60	Call		1,294.23290	1,655.137	29.18	0.9824	0.00	0	26,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.00	Call		902.87980	1,262.929	26.57	0.9582	0.00	0	60,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.00	Put		14.67980	13.229	26.57	0.0418	0.00	0	22,000
\$ / R	On	17/09/2018	Foreign Exchange Option	15.00	Put		322.24900	171.977	24.52	0.3520	0.00	0	50
\$ / R	On	17/09/2018	Foreign Exchange Option	15.00	Call		210.44900	421.677	24.52	0.6480	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.70	Put		161.79910	75.523	23.44	0.1971	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.70	Call		349.99910	625.223	23.44	0.8029	0.00	0	63,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.25	Call		671.99940	1,021.802	24.64	0.9307	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.25	Put		33.79940	22.102	24.64	0.0693	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.76	Put		1,878.88710	1,536.071	32.38	0.9351	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.76	Call		7.08710	25.771	32.38	0.0649	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.10	Call		1,789.85680	2,151.101	31.47	0.9952	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.10	Put		1.65680	1.401	31.47	0.0048	0.00	0	2,500
\$ / R	On	17/09/2018	Foreign Exchange Option	14.20	Put		26.84770	19.917	25.03	0.0626	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.20	Call		715.04770	1,069.617	25.03	0.9374	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	13.66	Put		6.85020	6.371	28.91	0.0204	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.66	Call		1,235.05020	1,596.071	28.91	0.9796	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.50	Put		89.00280	37.601	22.72	0.1157	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.50	Call		477.20280	787.301	22.72	0.8843	0.00	0	500
\$ / R	On	18/09/2018	Foreign Exchange Option	15.00	Put		0.00000	181.838	24.59	0.3558	0.00	0	0
\$ / R	On	18/09/2018	Foreign Exchange Option	15.00	Call		0.00000	433.638	24.59	0.6442	6,504,576.00	15,000	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	25/09/2018	Foreign Exchange Option	16.09	Put			1,247.53890	956.594	28.28	0.7704	0.00	0	0
\$ / R	On	25/09/2018	Foreign Exchange Option	16.09	Call			61.93890	133.694	28.28	0.2296	0.00	0	0
\$ / R	On	26/09/2018	Foreign Exchange Option	14.48	Put			133.61440	74.050	22.54	0.1619	0.00	0	40,000
\$ / R	On	26/09/2018	Foreign Exchange Option	14.48	Call			560.01440	863.350	22.54	0.8381	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.78	Put			23.24920	13.085	22.71	0.0362	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.78	Call			1,153.74920	1,506.785	22.71	0.9638	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	14.25	Call			740.04520	1,072.279	22.65	0.8895	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	14.25	Put			79.54520	48.579	22.65	0.1105	0.00	0	250
\$ / R	On	28/09/2018	Foreign Exchange Option	16.25	Put			1,402.36360	1,105.912	28.73	0.7894	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.25	Call			62.86360	129.612	28.73	0.2106	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	14.54	Put			166.43480	96.344	22.72	0.1911	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	14.54	Call			536.93480	830.044	22.72	0.8089	0.00	0	250
\$ / R	On	28/09/2018	Foreign Exchange Option	13.00	Call			1,913.83900	2,277.397	27.41	0.9901	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.00	Put			3.33900	3.697	27.41	0.0099	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	13.80	Put			24.51330	13.920	22.71	0.0382	0.00	0	1,000
\$ / R	On	28/09/2018	Foreign Exchange Option	13.80	Call			1,135.01330	1,487.620	22.71	0.9618	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.80	Put			1,916.74800	1,596.207	30.78	0.8785	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.80	Call			27.24800	69.907	30.78	0.1215	0.00	0	500
\$ / R	On	02/10/2018	Foreign Exchange Option	12.76	Put			2.72850	3.876	28.20	0.0094	0.00	0	0
\$ / R	On	02/10/2018	Foreign Exchange Option	12.76	Call			2,161.32850	2,526.276	28.20	0.9906	0.00	0	0
\$ / R	On	12/10/2018	Foreign Exchange Option	13.51	Put			15.45640	17.744	22.37	0.0389	0.00	0	0
\$ / R	On	12/10/2018	Foreign Exchange Option	13.51	Call			1,444.45640	1,811.744	22.37	0.9611	0.00	0	0
\$ / R	On	17/10/2018	Foreign Exchange Option	13.35	Put			15.10970	17.987	22.82	0.0366	0.00	0	0
\$ / R	On	17/10/2018	Foreign Exchange Option	13.35	Call			1,614.30970	1,982.587	22.82	0.9634	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	13.20	Call			1,775.17470	2,143.930	23.32	0.9646	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	13.20	Put			15.77470	18.730	23.32	0.0354	0.00	0	1,630
\$ / R	On	22/10/2018	Foreign Exchange Option	14.00	Put			90.58560	64.434	21.03	0.1104	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	14.00	Call			1,049.98560	1,389.634	21.03	0.8896	0.00	0	1,630
\$ / R	On	25/10/2018	Foreign Exchange Option	14.49	Put			244.75750	171.974	21.59	0.2297	0.00	0	0
\$ / R	On	25/10/2018	Foreign Exchange Option	14.49	Call			720.25750	1,013.474	21.59	0.7703	0.00	0	0
\$ / R	On	29/10/2018	Foreign Exchange Option	15.06	Put			544.12680	404.982	22.67	0.4000	0.00	0	0
\$ / R	On	29/10/2018	Foreign Exchange Option	15.06	Call			457.82680	684.982	22.67	0.6000	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Call			1,996.24370	2,363.612	23.48	0.9666	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Put			18.44370	19.312	23.48	0.0334	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Put			97.10170	71.196	20.84	0.1121	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Call			1,144.90170	1,485.496	20.84	0.8879	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	14.25	Call			902.17010	1,222.376	21.19	0.8226	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.25	Put			174.37010	128.076	21.19	0.1774	0.00	0	250
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Put			2,139.99540	1,846.435	28.19	0.8092	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Call			97.79540	170.735	28.19	0.1908	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Put			1,643.92130	1,376.133	26.65	0.7322	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Call			151.72130	250.433	26.65	0.2678	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	14.67	Put			340.29160	245.758	21.74	0.2857	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.67	Call			648.09160	920.058	21.74	0.7143	0.00	0	250
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Put			74.21710	54.557	20.70	0.0905	0.00	0	1,000
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Call			1,252.01710	1,598.857	20.70	0.9095	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	01/11/2018	Foreign Exchange Option	12.81	Put			14.80890	15.498	24.06	0.0267	0.00	0	0
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Call			2,184.60890	2,551.898	24.06	0.9733	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	14.85	Put			0.00000	324.255	22.19	0.3392	356,680.61	1,100	1,100
\$ / R	On	02/11/2018	Foreign Exchange Option	14.85	Call			0.00000	822.755	22.19	0.6608	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	15.50	Put			0.00000	667.837	23.82	0.5218	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	15.50	Call			0.00000	516.337	23.82	0.4782	567,971.03	1,100	1,100
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Put			4.76690	5.207	26.71	0.0089	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Call			3,092.76690	3,460.007	26.71	0.9911	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Call			1,219.95270	1,563.310	20.60	0.8942	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Put			91.95270	68.510	20.60	0.1058	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Put			1,950.94150	1,671.050	27.33	0.7726	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Call			128.94150	215.850	27.33	0.2274	0.00	0	1,880
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Put			469.92400	355.188	21.79	0.3437	0.00	0	0
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Call			613.52400	866.688	21.79	0.6563	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.89	Call			614.76630	864.524	21.82	0.6477	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.89	Put			495.36630	376.824	21.82	0.3523	0.00	0	15,000
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Put			37.02500	36.106	21.79	0.0547	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Call			1,826.42500	2,193.806	21.79	0.9453	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.74	Put			416.45320	312.445	21.45	0.3123	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.74	Call			685.85320	950.145	21.45	0.6877	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.72	Put			406.46270	304.377	21.40	0.3069	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.72	Call			695.86270	962.076	21.40	0.6931	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Put			4.71080	5.589	26.65	0.0088	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Call			3,344.11080	3,713.289	26.65	0.9912	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Call			4,180.96900	4,550.326	30.26	0.9961	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Put			1.56900	2.626	30.26	0.0039	0.00	0	51,000
\$ / R	On	19/11/2018	Foreign Exchange Option	14.84	Put			473.50660	359.949	21.55	0.3390	0.00	0	0
\$ / R	On	19/11/2018	Foreign Exchange Option	14.84	Call			648.80660	903.849	21.55	0.6610	0.00	0	10,000
\$ / R	On	23/11/2018	Foreign Exchange Option	14.62	Put			374.05200	281.686	21.03	0.2837	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Option	14.62	Call			777.15200	1,053.886	21.03	0.7163	0.00	0	20,400
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Put			65.74030	60.095	20.71	0.0818	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Call			1,640.54030	2,004.795	20.71	0.9182	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Call			1,024.09360	1,340.977	20.48	0.7969	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Put			237.29360	184.177	20.48	0.2031	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Put			489.37020	378.055	21.36	0.3356	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Call			706.17020	964.855	21.36	0.6644	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Call			2,072.75020	2,439.693	21.48	0.9527	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Call			149.15980	235.096	27.58	0.2125	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Put			1,878.43930	1,620.518	26.13	0.7150	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Call			215.23930	327.318	26.13	0.2850	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Put			35.95020	32.893	21.48	0.0473	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Put			186.06500	143.875	20.28	0.1688	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Call			1,142.86500	1,470.675	20.28	0.8312	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Put			118.92450	93.884	20.10	0.1207	0.00	0	1,000
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Call			1,355.72450	1,700.684	20.10	0.8793	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Put			2,422.35980	2,138.296	27.58	0.7875	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	11/12/2018	Foreign Exchange Option	15.08	Put			658.25290	522.689	21.68	0.3974	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Call			636.75290	872.189	21.68	0.6026	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Put			103.38230	88.571	20.08	0.1094	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Call			1,511.88230	1,868.071	20.08	0.8906	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Put			1,070.64970	882.072	23.16	0.5317	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Call			439.14970	621.572	23.16	0.4683	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Call			1,344.82390	1,684.618	19.84	0.8632	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Put			146.32390	115.118	19.84	0.1368	0.00	0	7,500
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Call			2,145.53280	2,511.252	20.74	0.9512	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Put			41.03280	35.652	20.74	0.0488	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Put			1,273.07030	1,065.845	23.76	0.5792	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Call			387.57030	551.445	23.76	0.4208	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Call			649.54810	885.057	21.65	0.6032	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Put			665.04810	529.457	21.65	0.3968	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Call			645.62510	880.231	21.67	0.6009	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Put			671.12510	534.631	21.67	0.3991	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Call			653.49560	889.906	21.62	0.6055	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Put			658.99560	524.306	21.62	0.3945	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.74	Call			0.00000	1,064.609	20.84	0.6828	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.74	Put			0.00000	369.009	20.84	0.3172	4,852,464.41	13,150	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	16.80	Put			0.00000	1,720.860	25.89	0.7102	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.80	Call			0.00000	356.460	25.89	0.2898	9,374,890.11	26,300	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Put			1,399.32090	1,180.834	24.15	0.6076	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Call			353.82090	506.434	24.15	0.3924	0.00	0	38,250
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Put			2,150.71830	1,887.942	26.40	0.7343	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Call			215.21830	323.542	26.40	0.2657	0.00	0	3,700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.68	Call			0.00000	1,850.677	19.99	0.8851	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.68	Put			0.00000	95.077	19.99	0.1149	2,500,530.36	26,300	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Call			1,164.93780	1,487.799	20.02	0.8155	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Put			220.43780	172.199	20.02	0.1845	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Put			850.76750	689.473	22.34	0.4622	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Call			545.26750	755.073	22.34	0.5378	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Call			2,060.96290	2,426.229	20.65	0.9452	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Put			46.46290	40.629	20.65	0.0548	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Call			925.86060	1,216.358	20.49	0.7369	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Put			361.36060	280.758	20.49	0.2631	1,263,411.45	4,500	15,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Call			1,802.20920	2,165.706	20.35	0.9227	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Put			67.70920	60.106	20.35	0.0773	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Put			1,105.83610	915.117	23.22	0.5373	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Call			440.33610	620.717	23.22	0.4627	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Call			1,083.02630	1,398.338	20.17	0.7918	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Put			258.52630	202.738	20.17	0.2082	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Put			946.98570	773.846	22.68	0.4923	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Call			501.48570	699.446	22.68	0.5077	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Call			604.05050	828.800	21.94	0.5757	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Put			739.55050	593.200	21.94	0.4243	0.00	0	50

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	14.67	Call		835.14760	1,106.436	20.70	0.6990	0.00	0	5,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Put		440.64760	340.836	20.70	0.3010	0.00	0	3,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Put		677.22650	539.829	21.70	0.4014	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Call		641.72650	875.429	21.70	0.5986	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Put		1,018.08660	836.824	22.93	0.5131	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Call		472.58660	662.424	22.93	0.4869	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Call		1,109.89400	1,427.785	20.12	0.7999	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Put		245.39400	192.185	20.12	0.2001	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Put		1,771.61210	1,526.007	25.28	0.6780	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Call		276.11210	401.607	25.28	0.3220	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Put		1,423.38770	1,202.864	24.22	0.6127	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Call		347.88770	498.464	24.22	0.3873	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Put		1,196.08100	996.224	23.51	0.5605	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Call		410.58100	581.824	23.51	0.4395	0.00	0	20,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Put		1,003.71380	824.060	22.88	0.5090	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Call		478.21380	669.660	22.88	0.4910	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Call		1,811.32270	2,174.894	20.36	0.9236	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Put		66.82270	59.294	20.36	0.0764	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Call		1,144.09370	1,465.119	20.06	0.8097	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Put		229.59370	179.519	20.06	0.1903	0.00	0	236,970
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Put		1,242.08940	1,037.781	23.66	0.5718	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Call		396.58940	563.381	23.66	0.4282	0.00	0	121,970
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Call		1,137.19890	1,457.607	20.07	0.8077	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Put		232.69890	182.007	20.07	0.1923	0.00	0	36,200
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Put		912.16640	743.164	22.56	0.4816	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Call		516.66640	718.764	22.56	0.5184	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Call		1,076.37730	1,391.038	20.19	0.7898	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Put		261.87730	205.438	20.19	0.2102	287,612.78	1,400	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Call		1,441.34180	1,789.390	19.91	0.8762	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Put		126.84180	103.790	19.91	0.1238	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Call		1,562.92230	1,921.471	20.07	0.8947	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Put		98.42230	85.871	20.07	0.1053	0.00	0	66,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Put		506.84550	395.085	20.98	0.3313	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Call		771.34550	1,030.685	20.98	0.6687	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Call		1,178.97020	1,503.035	20.00	0.8193	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Put		214.47020	167.435	20.00	0.1807	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Put		310.51940	242.697	20.35	0.2372	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Call		995.01940	1,298.297	20.35	0.7628	0.00	0	20
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Call		2,154.96620	2,520.733	20.75	0.9518	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Put		40.46620	35.133	20.75	0.0482	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Put		298.48560	233.735	20.31	0.2308	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Call		1,012.98560	1,319.335	20.31	0.7692	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Put		455.50260	352.194	20.74	0.3078	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Call		820.00260	1,087.794	20.74	0.6922	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Call		2,829.06230	3,198.370	21.79	0.9810	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Put		14.56230	12.770	21.79	0.0190	0.00	0	3,300

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	13.71	Call		1,473.25800	1,824.335	19.95	0.8814	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Put		118.75800	98.735	19.95	0.1186	0.00	0	20
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Put		1,312.13080	1,101.315	23.88	0.5883	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Call		376.63080	536.915	23.88	0.4117	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Call		2,877.98780	3,247.886	21.99	0.9818	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Put		13.48780	12.286	21.99	0.0182	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Call		1,481.29590	1,833.103	19.96	0.8826	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Put		116.79590	97.503	19.96	0.1174	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Put		623.46240	493.945	21.48	0.3806	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Call		677.96240	919.545	21.48	0.6194	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Put		926.03380	755.372	22.61	0.4859	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Call		510.53380	710.972	22.61	0.5141	0.00	0	29,600
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Put		939.98400	767.668	22.66	0.4902	383,834.05	500	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Call		504.48400	703.268	22.66	0.5098	0.00	0	4,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Put		290.61230	227.881	20.28	0.2267	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Call		1,025.11230	1,333.481	20.28	0.7733	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Call		2,412.09350	2,778.982	21.04	0.9666	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Put		27.59350	23.382	21.04	0.0334	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Call		1,409.80490	1,754.660	19.87	0.8709	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Put		135.30490	109.060	19.87	0.1291	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Call		1,693.69260	2,056.210	20.23	0.9111	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Put		79.19260	70.609	20.23	0.0889	0.00	0	4,080
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Put		1,083.66030	895.273	23.15	0.5313	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Call		448.16030	630.873	23.15	0.4687	0.00	0	11,580
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Put		133.15170	107.722	19.88	0.1277	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Call		1,417.65170	1,763.322	19.88	0.8723	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Call		2,976.05270	3,346.974	22.39	0.9833	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Put		11.55270	11.374	22.39	0.0167	0.00	0	8,580
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Put		708.08990	566.205	21.82	0.4129	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Call		622.58990	851.805	21.82	0.5871	0.00	0	27,030
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Put		1,061.63900	875.607	23.07	0.5253	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Call		456.13900	641.207	23.07	0.4747	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Call		3,054.91670	3,426.297	22.71	0.9844	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Put		10.41670	10.697	22.71	0.0156	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Call		1,903.00530	2,267.272	20.47	0.9323	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Put		58.50530	51.672	20.47	0.0677	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Put		416.45770	322.411	20.64	0.2897	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Call		860.95770	1,138.011	20.64	0.7103	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Put		480.82640	373.289	20.86	0.3196	261,302.09	700	700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Call		795.32640	1,058.889	20.86	0.6804	0.00	0	127,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Put		406.98480	315.219	20.62	0.2852	0.00	0	3,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Call		871.48480	1,150.819	20.62	0.7148	0.00	0	84,900
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Put		411.70530	318.803	20.63	0.2875	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Call		866.20530	1,144.403	20.63	0.7125	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Put		335.40210	261.281	20.42	0.2500	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Call		959.90210	1,256.881	20.42	0.7500	0.00	0	11,300

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Put			223.46190	174.617	20.04	0.1864	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Call			1,157.96190	1,480.217	20.04	0.8136	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Call			3,074.73960	3,446.135	22.79	0.9846	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Put			10.23960	10.535	22.79	0.0154	0.00	0	174,530
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Call			2,345.01530	2,711.640	20.96	0.9632	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Put			30.51530	26.040	20.96	0.0368	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Call			3,173.90230	3,545.360	23.19	0.9859	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Put			9.40230	9.760	23.19	0.0141	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Call			2,014.25080	2,379.245	20.60	0.9416	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Put			49.75080	43.644	20.60	0.0584	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Call			3,322.78080	3,694.309	23.79	0.9875	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Put			8.28080	8.709	23.79	0.0125	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Put			84.46340	75.420	20.17	0.0942	0.00	0	29,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Call			1,648.96340	2,011.020	20.17	0.9058	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Put			528.15350	413.013	21.07	0.3408	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Call			752.65350	1,008.613	21.07	0.6592	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Call			2,460.16540	2,827.232	21.09	0.9688	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Put			25.66540	21.632	21.09	0.0312	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Put			186.22500	144.960	19.88	0.1621	1,304,644.50	9,000	68,250
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Call			1,250.72500	1,580.560	19.88	0.8379	0.00	0	20,400
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Put			60.89860	53.866	20.44	0.0703	0.00	0	17,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Call			1,875.39860	2,239.466	20.44	0.9297	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Put			617.64810	488.976	21.46	0.3783	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Call			682.14810	924.576	21.46	0.6217	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Call			2,702.23460	3,070.093	21.35	0.9783	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Put			17.73460	14.493	21.35	0.0217	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Put			173.08610	134.550	19.82	0.1532	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Call			1,287.58610	1,620.150	19.82	0.8468	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Put			137.48030	110.411	19.86	0.1304	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Call			1,401.98030	1,746.011	19.86	0.8696	0.00	0	3,264
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Put			43.37210	37.796	20.70	0.0514	0.00	0	177,520
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Call			2,107.87210	2,473.395	20.70	0.9486	4,946,791.00	2,000	6,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			56.95750	50.253	20.49	0.0661	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			1,921.45750	2,285.853	20.49	0.9339	0.00	0	7,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Put			555.39610	436.025	21.19	0.3525	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Call			729.89610	981.625	21.19	0.6475	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Put			21.20990	17.607	21.23	0.0259	0.00	0	26,400
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Call			2,585.70990	2,953.207	21.23	0.9741	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Call			3,432.04860	3,803.613	24.23	0.9886	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Put			7.54860	8.013	24.23	0.0114	0.00	0	2,764
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Put			2,364.20040	2,090.612	26.90	0.7614	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Call			188.70040	286.212	26.90	0.2386	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Call			1,849.78520	2,211.269	20.10	0.9229	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Put			71.28520	61.269	20.10	0.0771	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Put			447.25810	348.069	20.53	0.2995	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Call			865.75810	1,138.069	20.53	0.7005	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	21/12/2018	Foreign Exchange Option	13.20	Put			62.22140	53.365	20.19	0.0684	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Call			1,940.72140	2,303.365	20.19	0.9316	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Put			492.53590	384.552	20.70	0.3199	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Call			821.03590	1,084.552	20.70	0.6801	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Put			276.22130	217.488	19.73	0.2097	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Call			1,154.82130	1,468.088	19.73	0.7903	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Call			1,135.09550	1,446.444	19.77	0.7845	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Put			286.49550	225.844	19.77	0.2155	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Put			2,096.37420	1,841.800	25.53	0.7083	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Call			264.97420	382.400	25.53	0.2917	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Call			759.44840	1,005.771	20.93	0.6336	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Put			620.84840	495.171	20.93	0.3664	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Call			2,149.79190	2,513.366	19.87	0.9448	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Put			51.19190	42.766	19.87	0.0552	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Put			156.56030	124.999	19.39	0.1375	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Call			1,455.16030	1,795.599	19.39	0.8625	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Put			2,672.52250	2,392.118	26.85	0.7767	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Call			191.12250	282.718	26.85	0.2233	0.00	0	500
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Put			45.09370	37.324	19.84	0.0488	0.00	0	0
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Call			2,247.69370	2,612.024	19.84	0.9512	0.00	0	0
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Put			36.23540	26.811	19.07	0.0358	0.00	0	263
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Call			2,510.83540	2,874.311	19.07	0.9642	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Put			61.08770	44.298	18.50	0.0546	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Call			2,269.68770	2,626.498	18.50	0.9454	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Put			380.73940	306.288	19.58	0.2483	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Call			1,161.33940	1,460.489	19.58	0.7517	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Put			768.74360	629.884	20.90	0.3958	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Call			799.34360	1,034.084	20.90	0.6042	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Put			48.35950	33.787	18.39	0.0434	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Call			2,418.95950	2,777.987	18.39	0.9566	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Call			2,226.93880	2,582.756	18.51	0.9412	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Put			66.33880	48.556	18.51	0.0588	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Call			1,242.34640	1,549.471	19.41	0.7757	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Put			331.74640	265.271	19.41	0.2243	0.00	0	250
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Put			768.31060	632.509	20.71	0.3871	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Call			854.91060	1,093.409	20.71	0.6129	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Put			478.64060	390.416	19.55	0.2772	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call			1,175.24060	1,462.216	19.55	0.7228	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put			58.52120	38.027	17.31	0.0467	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call			2,445.12120	2,799.827	17.31	0.9533	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call			2,293.26760	2,644.089	17.54	0.9393	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put			76.66760	52.289	17.54	0.0607	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Call			1,334.60030	1,639.644	19.21	0.7702	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Put			368.00030	297.844	19.21	0.2298	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Put			891.02290	744.461	20.92	0.4145	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Call			837.62290	1,066.261	20.92	0.5855	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	18/03/2019	Foreign Exchange Option	14.05	Call		1,519.49150	1,834.570	18.81	0.8005	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put		316.79150	255.670	18.81	0.1995	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call		3,467.79800	3,844.956	19.20	0.9809	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put		15.09800	16.056	19.20	0.0191	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call		3,209.90880	3,586.563	18.19	0.9781	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put		17.20880	17.663	18.19	0.0219	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put		156.67530	118.290	17.90	0.1126	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call		1,959.37530	2,297.190	17.90	0.8874	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call		3,765.71090	4,143.282	20.37	0.9836	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put		13.01090	14.382	20.37	0.0164	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call		4,927.14830	5,302.885	22.52	0.9953	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put		4.44830	3.985	22.52	0.0047	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call		3,527.35300	3,904.606	19.44	0.9815	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put		14.65300	15.706	19.44	0.0185	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put		479.74530	395.543	19.37	0.2709	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call		1,252.44530	1,544.443	19.37	0.7291	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call		2,548.02090	2,905.156	16.86	0.9561	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put		55.32090	36.256	16.86	0.0439	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call		1,729.40950	2,057.175	18.36	0.8465	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put		226.70950	178.275	18.36	0.1535	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put		725.59640	599.456	20.08	0.3551	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call		1,018.29640	1,268.356	20.08	0.6449	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put		866.83970	725.506	20.58	0.3974	1,813,765.75	2,500	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call		919.53970	1,154.406	20.58	0.6026	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call		1,951.43250	2,288.925	17.92	0.8861	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put		158.73250	120.025	17.92	0.1139	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put		1,023.96800	868.728	21.11	0.4397	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call		826.66800	1,047.628	21.11	0.5603	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put		406.65510	332.588	19.14	0.2404	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Call		1,359.35510	1,661.488	19.14	0.7596	415,371.95	250	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put		1,083.03950	923.085	21.30	0.4544	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call		795.73950	1,011.985	21.30	0.5456	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call		2,815.10100	3,179.473	16.58	0.9728	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put		32.40100	20.573	16.58	0.0272	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call		1,650.22300	1,973.462	18.52	0.8302	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put		257.52300	204.562	18.52	0.1698	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Call		2,777.72100	3,140.197	16.48	0.9718	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Put		35.02100	21.297	16.48	0.0282	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Call		1,622.05750	1,943.617	18.58	0.8241	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Put		269.35750	214.717	18.58	0.1759	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Put		848.58210	709.121	20.52	0.3922	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Call		931.28210	1,168.021	20.52	0.6078	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Put		2,258.36670	2,021.325	24.24	0.6601	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Call		431.06670	570.225	24.24	0.3399	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Call		1,275.59760	1,569.884	19.32	0.7359	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Put		462.89760	380.984	19.32	0.2641	0.00	0	7,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Call			2,334.90410	2,686.023	17.22	0.9365	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Put			82.20410	57.123	17.22	0.0635	0.00	0	14,028
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Call			2,422.73380	2,776.459	17.07	0.9452	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Put			70.03380	47.559	17.07	0.0548	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Call			1,553.14550	1,870.413	18.73	0.8085	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Put			300.44550	241.513	18.73	0.1915	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Call			1,371.66650	1,674.903	19.12	0.7630	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Put			398.96650	326.003	19.12	0.2370	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Call			1,225.05220	1,513.106	19.43	0.7205	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Put			502.35220	414.206	19.43	0.2795	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Put			1,030.46600	874.697	21.13	0.4413	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Call			823.16600	1,043.597	21.13	0.5587	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Put			2,266.69290	2,029.356	24.25	0.6611	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Call			429.39290	568.256	24.25	0.3389	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Call			1,081.24230	1,341.355	19.81	0.6698	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Put			648.54230	532.455	19.81	0.3302	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Put			1,324.83500	1,144.865	21.98	0.5091	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Call			687.53500	883.765	21.98	0.4909	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Put			2,614.42980	2,362.624	24.96	0.7015	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Call			367.12980	491.524	24.96	0.2985	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Call			1,328.95620	1,628.315	19.20	0.7512	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Put			426.25620	349.415	19.20	0.2488	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Put			1,163.84720	997.635	21.55	0.4736	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Call			756.54720	966.535	21.55	0.5264	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Put			1,866.36150	1,647.392	23.32	0.6058	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Call			519.06150	676.292	23.32	0.3942	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Call			1,209.30450	1,494.548	19.47	0.7153	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Put			516.60450	425.648	19.47	0.2847	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			1,500.96550	1,307.070	22.43	0.5440	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			623.66550	805.970	22.43	0.4560	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Call			2,405.05230	2,758.268	17.10	0.9435	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Put			72.35230	49.368	17.10	0.0565	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Call			1,241.00610	1,531.847	19.40	0.7257	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Put			488.30610	402.947	19.40	0.2743	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			1,404.48270	1,218.168	22.19	0.5254	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			657.18270	847.068	22.19	0.4746	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Call			2,231.48380	2,579.295	17.41	0.9249	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Put			98.78380	70.395	17.41	0.0751	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Put			1,267.96150	1,092.706	21.83	0.4970	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Call			710.66150	911.606	21.83	0.5030	0.00	0	10
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Call			2,031.69460	2,372.357	17.77	0.8984	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Put			138.99460	103.457	17.77	0.1016	13,940,830.75	134,750	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Call			2,122.04780	2,466.070	17.60	0.9111	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Put			119.34780	87.170	17.60	0.0889	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Put			1,692.28940	1,484.507	22.90	0.5780	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Call			564.98940	733.407	22.90	0.4220	98,826,593.25	134,750	134,750

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	13.70	Call			0.00000	2,096.005	18.28	0.8537	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Put			0.00000	167.105	18.28	0.1463	417,763.25	2,500	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Call			1,076.60900	1,335.735	19.82	0.6681	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Put			653.90900	536.836	19.82	0.3319	0.00	0	10
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Call			0.00000	2,111.672	18.25	0.8566	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Put			0.00000	162.772	18.25	0.1434	3,026,416.08	18,593	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Call			0.00000	1,387.036	19.70	0.6839	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Put			0.00000	498.136	19.70	0.3161	4,885,222.69	9,807	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Call			1,072.00130	1,330.132	19.83	0.6663	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Put			659.30130	541.232	19.83	0.3337	72,930,998.53	134,750	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Call			0.00000	2,026.460	18.42	0.8407	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Put			0.00000	187.560	18.42	0.1593	49,293,018.72	262,812	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Put			0.00000	1,973.344	24.12	0.6538	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Call			0.00000	582.244	24.12	0.3462	153,020,736.41	262,812	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Put			0.00000	2,037.392	24.27	0.6621	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Call			0.00000	566.292	24.27	0.3379	1,415,730.75	2,500	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call			870.03460	1,097.421	20.86	0.5804	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put			947.33460	798.521	20.86	0.4196	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call			877.50480	1,105.982	20.81	0.5838	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put			934.80480	787.082	20.81	0.4162	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			0.00000	2,784.903	25.78	0.7439	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			0.00000	413.803	25.78	0.2561	11,752,002.36	28,400	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call			873.76080	1,101.690	20.83	0.5821	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put			941.06080	792.790	20.83	0.4179	208,354,699.20	262,812	262,812
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put			19.98570	19.908	17.46	0.0247	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call			3,080.68570	3,457.508	17.46	0.9753	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Call			1,424.13880	1,729.452	19.03	0.7666	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Put			399.43880	327.752	19.03	0.2334	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Put			1,022.65990	869.674	20.99	0.4328	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Call			867.35990	1,091.374	20.99	0.5672	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put			87.17990	60.739	17.10	0.0656	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call			2,361.87990	2,712.439	17.10	0.9344	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put			583.07310	481.646	19.56	0.3035	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Call			1,187.77310	1,463.346	19.56	0.6965	0.00	0	500
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put			93.04790	67.358	17.12	0.0709	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call			2,325.84790	2,677.358	17.12	0.9291	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put			700.45200	585.901	19.57	0.3290	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call			1,199.35200	1,463.801	19.57	0.6710	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Call			1,518.68290	1,824.718	18.85	0.7643	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Put			429.78290	356.818	18.85	0.2357	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Put			1,166.27580	1,008.183	21.06	0.4501	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Call			895.17580	1,116.083	21.06	0.5499	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put			82.49600	57.684	16.40	0.0609	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call			2,501.39600	2,855.584	16.40	0.9391	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call			2,433.01960	2,784.669	16.55	0.9316	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put			94.11960	66.769	16.55	0.0684	0.00	0	3,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put			190.86330	145.532	17.48	0.1243	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call			2,039.76330	2,373.432	17.48	0.8757	0.00	0	2,500
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Put			1,309.97330	1,147.158	21.17	0.4649	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Call			920.97330	1,139.258	21.17	0.5351	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call			2,506.92580	2,850.113	15.88	0.9320	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put			105.92580	68.014	15.88	0.0680	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put			821.39610	695.188	19.67	0.3514	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call			1,212.39610	1,467.288	19.67	0.6486	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Call			1,608.33620	1,916.340	18.75	0.7626	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Put			457.33620	384.240	18.75	0.2374	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put			130.88630	87.881	16.21	0.0828	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call			2,391.88630	2,729.981	16.21	0.9172	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Put			27.88460	29.768	17.01	0.0313	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call			3,294.88460	3,678.068	17.01	0.9687	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Call			1,016.01280	1,243.342	20.77	0.5628	0.00	0	6,250
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call			1,577.17290	1,879.850	18.85	0.7450	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put			517.37290	438.049	18.85	0.2550	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call			1,571.32910	1,873.492	18.87	0.7436	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call			917.32580	1,131.967	21.30	0.5229	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call			1,918.60080	2,233.379	17.78	0.8248	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put			318.80080	251.579	17.78	0.1752	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Put			538.34600	456.430	18.91	0.2622	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Call			1,548.14600	1,848.230	18.91	0.7378	0.00	0	30
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call			1,885.98890	2,198.844	17.90	0.8175	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put			153.79290	109.562	16.37	0.0962	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put			726.99170	619.367	19.38	0.3210	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call			1,336.79170	1,611.167	19.38	0.6790	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Put			369.97380	299.615	18.13	0.1974	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Call			1,819.77380	2,131.415	18.13	0.8026	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put			1,407.52580	1,240.167	21.30	0.4771	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Call			2,430.80640	2,772.769	16.11	0.9163	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call			2,749.67550	3,105.202	15.21	0.9529	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put			69.87550	43.402	15.21	0.0471	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put			1,161.02600	1,008.918	20.63	0.4275	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call			1,040.82600	1,270.718	20.63	0.5725	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call			2,343.59290	2,681.362	16.37	0.9038	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put			19.30640	15.602	21.17	0.0141	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call			3,180.35930	3,564.269	16.40	0.9658	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put			30.55930	32.469	16.40	0.0342	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call			2,553.52900	2,901.047	15.76	0.9321	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put			103.72900	69.247	15.76	0.0679	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put			131.00640	90.969	16.11	0.0837	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put			608.58420	518.222	19.10	0.2856	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call			1,458.38420	1,750.022	19.10	0.7144	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put			1,325.55190	1,164.498	21.11	0.4614	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call			955.35190	1,176.298	21.11	0.5386	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	14/06/2019	Foreign Exchange Option	10.69	Call			4,759.10640	5,137.402	21.17	0.9859	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put			521.52910	441.692	18.87	0.2564	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call			1,583.03550	1,886.230	18.84	0.7465	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put			513.23550	434.429	18.84	0.2535	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put			336.18890	267.044	17.90	0.1825	0.00	0	6,250
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put			1,206.21280	1,051.542	20.77	0.4372	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Call			1,688.90410	1,997.846	18.66	0.7622	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Put			479.70410	405.846	18.66	0.2378	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Put			1,443.00800	1,275.682	21.28	0.4771	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Call			942.20800	1,157.682	21.28	0.5229	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put			112.02610	70.750	15.48	0.0686	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call			2,571.22610	2,912.750	15.48	0.9314	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put			935.01600	801.990	19.84	0.3701	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call			1,224.21600	1,473.990	19.84	0.6299	0.00	0	500
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put			149.98120	100.869	15.93	0.0896	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call			2,425.38120	2,759.369	15.93	0.9104	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put			1,790.42800	1,600.258	21.98	0.5327	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Call			820.02800	1,013.058	21.98	0.4673	0.00	0	39,250
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call			2,229.14190	2,557.076	16.59	0.8779	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put			209.54190	154.276	16.59	0.1221	0.00	0	39,250
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,058.05650	919.341	20.01	0.3867	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			1,246.35650	1,492.541	20.01	0.6133	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Call			1,780.50710	2,088.991	18.49	0.7629	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Put			502.20710	425.791	18.49	0.2371	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Put			1,584.30700	1,413.106	21.36	0.4873	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Call			972.60700	1,186.306	21.36	0.5127	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			113.15040	78.737	15.32	0.0720	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			2,641.45040	2,991.937	15.32	0.9280	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			164.57230	120.109	15.93	0.0987	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			2,454.97230	2,795.509	15.93	0.9013	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Put			606.96300	522.788	18.79	0.2680	0.00	0	3,950
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Call			1,682.46300	1,984.088	18.79	0.7320	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Put			1,738.93020	1,559.888	21.59	0.5065	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Call			944.43020	1,151.188	21.59	0.4935	0.00	0	3,950
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Put			1,730.81770	1,555.587	21.48	0.4982	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Call			991.91770	1,203.487	21.48	0.5018	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put			117.27290	75.752	14.74	0.0692	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call			2,708.37290	3,053.652	14.74	0.9308	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put			1,187.45090	1,042.176	20.19	0.4031	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call			1,258.55090	1,500.076	20.19	0.5969	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Call			1,863.09750	2,164.026	18.23	0.7651	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Put			521.99750	436.126	18.23	0.2349	0.00	0	250
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put			183.81920	128.555	15.53	0.1022	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call			2,491.21920	2,822.955	15.53	0.8978	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			4,906.49050	5,288.781	19.62	0.9821	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			27.69050	22.181	19.62	0.0179	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	16/09/2019	Foreign Exchange Option	12.50	Call			3,174.15970	3,565.125	15.10	0.9547	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put			45.35970	48.526	15.10	0.0453	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put			1,422.55450	1,268.883	20.78	0.4407	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call			1,181.35450	1,415.483	20.78	0.5593	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Put			1,216.01510	1,072.415	20.23	0.4026	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Call			1,294.81510	1,539.015	20.23	0.5974	0.00	0	30,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Call			2,075.92530	2,379.540	17.41	0.8054	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Put			417.12530	332.939	17.41	0.1946	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Put			2,417.68960	2,208.473	22.70	0.5798	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Call			816.48960	995.073	22.70	0.4202	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Call			1,934.59830	2,236.175	18.10	0.7712	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Put			515.79830	429.575	18.10	0.2288	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Put			2,918.69830	2,691.121	23.55	0.6305	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Call			697.49830	857.721	23.55	0.3695	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Call			0.00000	1,943.208	19.04	0.7030	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Put			0.00000	646.608	19.04	0.2970	775,930.08	1,200	1,200
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call			2,403.00950	2,728.385	15.95	0.8758	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put			234.20950	171.785	15.95	0.1242	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call			2,417.03560	2,743.308	15.89	0.8784	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put			228.23560	166.708	15.89	0.1216	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Put			0.00000	3,198.436	24.38	0.6741	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Call			0.00000	745.036	24.38	0.3259	1,788,086.88	2,400	1,200
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call			2,410.00920	2,735.833	15.92	0.8771	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put			231.20920	169.233	15.92	0.1229	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Call			1,951.78500	2,251.874	18.14	0.7665	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Put			540.88500	452.273	18.14	0.2335	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Call			1,027.75060	1,240.809	21.70	0.4956	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Put			1,866.85060	1,691.209	21.70	0.5044	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Put			121.71250	81.071	14.61	0.0709	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Call			2,782.61250	3,130.671	14.61	0.9291	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Put			1,308.38620	1,161.363	20.47	0.4145	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Call			1,289.28620	1,530.963	20.47	0.5855	0.00	0	500
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Put			194.97060	146.935	15.59	0.1093	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.33	Call			2,530.37060	2,871.235	15.59	0.8907	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Put			2,025.39210	1,849.188	21.98	0.5123	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Call			1,057.19210	1,271.788	21.98	0.4877	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Call			2,852.14120	3,231.690	15.41	0.9165	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Put			120.34120	109.090	15.41	0.0835	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Put			1,448.61790	1,302.790	20.82	0.4276	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Call			1,310.41790	1,555.390	20.82	0.5724	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Call			2,040.38440	2,348.798	18.23	0.7666	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Put			558.58440	476.198	18.23	0.2334	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put			219.00880	190.437	16.29	0.1255	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Call			2,560.80880	2,923.037	16.29	0.8745	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put			1,568.22060	1,423.567	21.08	0.4365	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call			1,336.32060	1,584.467	21.08	0.5635	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	29/11/2019	Foreign Exchange Option	14.25	Call			2,123.39930	2,435.248	18.26	0.7675	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Put			575.29930	494.348	18.26	0.2325	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Put			2,160.15280	1,984.417	22.19	0.5172	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Call			1,088.25280	1,305.317	22.19	0.4828	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put			144.88340	130.010	15.85	0.0911	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call			2,942.98340	3,320.910	15.85	0.9089	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put			261.48250	227.643	16.71	0.1368	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call			2,626.48250	2,985.643	16.71	0.8632	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Call			4,001.47980	4,394.264	17.09	0.9562	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Put			61.37980	60.364	17.09	0.0438	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Call			2,512.60090	2,859.337	17.17	0.8376	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Put			342.50090	295.437	17.17	0.1624	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call			1,454.74020	1,711.808	20.72	0.5910	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put			1,431.20140	1,294.060	20.73	0.4100	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call			1,447.86720	1,704.118	20.75	0.5889	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put			1,437.76720	1,300.218	20.75	0.4111	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put			1,424.64020	1,287.908	20.72	0.4090	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Put			2,551.88770	2,360.074	22.81	0.5551	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Call			1,001.98770	1,203.974	22.81	0.4449	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put			4,808.82150	4,534.412	26.39	0.7101	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call			638.92150	758.311	26.39	0.2899	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call			1,451.30140	1,707.960	20.73	0.5900	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Put			2,301.58420	2,125.969	22.38	0.5216	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Call			1,122.88420	1,342.269	22.38	0.4784	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put			164.40850	149.582	16.16	0.0971	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call			3,035.70850	3,415.882	16.16	0.9029	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Put			1,701.50570	1,558.595	21.34	0.4456	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call			1,362.80570	1,614.895	21.34	0.5544	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Call			2,211.71780	2,531.336	18.31	0.7684	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Put			590.41780	515.036	18.31	0.2316	0.00	0	250
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put			295.41350	262.460	17.02	0.1460	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call			2,681.31350	3,043.460	17.02	0.8540	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put			328.30630	298.879	17.34	0.1547	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call			2,730.50630	3,098.179	17.34	0.8453	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put			360.86100	328.207	17.46	0.1608	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call			2,784.06100	3,150.507	17.46	0.8392	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Call			1,773.64180	2,062.499	20.48	0.6293	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Put			1,348.44180	1,237.199	20.48	0.3707	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Call			1,769.82310	2,058.408	20.50	0.6283	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Put			1,354.62310	1,243.108	20.50	0.3717	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Call			1,777.47210	2,066.610	20.46	0.6302	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Put			1,342.27210	1,231.310	20.46	0.3698	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put			395.16180	362.202	17.67	0.1674	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call			2,839.26180	3,207.602	17.67	0.8326	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put			421.57990	390.606	17.78	0.1725	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call			2,877.37990	3,249.606	17.78	0.8275	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put			454.02600	422.578	17.90	0.1774	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call			2,937.62600	3,311.678	17.90	0.8226	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put			1,121.29200	1,025.935	19.70	0.3141	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Call			2,196.33060	2,507.800	19.67	0.6878	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Put			1,109.83060	1,015.200	19.67	0.3122	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			2,192.05080	2,503.161	19.68	0.6868	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,115.55080	1,020.561	19.68	0.3132	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			2,187.79200	2,498.535	19.70	0.6859	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,247.03510	1,145.666	19.94	0.3254	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			2,228.73510	2,536.666	19.94	0.6746	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Call			2,366.88660	2,681.123	19.84	0.6841	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Put			1,242.78660	1,143.723	19.84	0.3159	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			2,362.86310	2,676.770	19.86	0.6832	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,248.76310	1,149.370	19.86	0.3168	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			2,358.85170	2,672.429	19.88	0.6823	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,254.75170	1,155.029	19.88	0.3177	0.00	0	0
Total \$ / R Option												665,337,163.83	1,423,886	6,807,967
Total \$ / R												8,442,444,246.13	1,929,591	7,894,855
\$ / R MAXI	On	17/09/2018	Foreign Exchange Future			15.24970		14.88820			0.0000	228,745.50	15	340
\$ / R MAXI	On	14/12/2018	Foreign Exchange Future			15.43560		15.06450			0.0000	154,356.00	10	79
\$ / R MAXI	On	18/03/2019	Foreign Exchange Future			15.62890		15.25270			0.0000	78,144.50	5	10
\$ / R MAXI	On	14/06/2019	Foreign Exchange Future			15.81180		15.42980			0.0000	0.00	0	0
Total \$ / R MAXI Future												461,246.00	30	429
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.01	Call			89,322.98170	125,319.841	26.49	0.9574	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.01	Put			1,502.98170	1,349.841	26.49	0.0426	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.02	Call			88,358.91790	124,347.404	26.42	0.9565	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.02	Put			1,538.91790	1,377.404	26.42	0.0435	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.00	Call			90,287.98430	126,292.868	26.57	0.9582	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.00	Put			1,467.98430	1,322.868	26.57	0.0418	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Put			106,163.89680	87,560.714	23.07	0.5253	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Call			45,613.89680	64,120.714	23.07	0.4747	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Call			60,405.05020	82,880.002	21.94	0.5757	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Put			73,955.05020	59,320.002	21.94	0.4243	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Call			60,041.33690	82,427.112	21.96	0.5735	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Put			74,591.33690	59,867.112	21.96	0.4265	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Call			60,771.08490	83,335.328	21.91	0.5780	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Put			73,321.08490	58,775.328	21.91	0.4220	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.04	Call			152,617.84590	184,167.183	18.79	0.8021	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.04	Put			31,347.84590	25,277.183	18.79	0.1979	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.02	Call			153,962.06500	185,599.038	18.76	0.8053	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.02	Put			30,692.06500	24,709.038	18.76	0.1947	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.03	Call			153,288.70300	184,882.245	18.78	0.8037	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.03	Put			31,018.70300	24,992.245	18.78	0.1963	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Call		157,717.29240	187,977.797	18.85	0.7450	0.00	0	0	
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Put		51,737.29240	43,797.797	18.85	0.2550	0.00	0	0	
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Call		157,132.91450	187,342.003	18.86	0.7436	0.00	0	0	
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Put		52,152.91450	44,162.003	18.86	0.2564	0.00	0	0	
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.36	Call		158,303.54540	188,615.816	18.84	0.7465	0.00	0	0	
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.36	Put		51,323.54540	43,435.816	18.84	0.2535	0.00	0	0	
Total \$ / R MAXI Option												0.00	0	0
Total \$ / R MAXI												461,246.00	30	429
£ / R	On	17/09/2018	Foreign Exchange Future			19.57850	19.19050			0.0000	6,519,640.50	333	196,333	
£ / R	On	28/09/2018	Foreign Exchange Future			19.61770	19.22770			0.0000	0.00	0	14	
£ / R	On	15/10/2018	Foreign Exchange Future			19.68080	19.28750			0.0000	0.00	0	48	
£ / R	On	14/12/2018	Foreign Exchange Future			19.89610	19.49480			0.0000	1,811,778,658.20	91,062	309,390	
£ / R	On	18/03/2019	Foreign Exchange Future			20.24070	19.83080			0.0000	0.00	0	4,932	
£ / R	On	14/06/2019	Foreign Exchange Future			20.56830	20.14930			0.0000	0.00	0	6,156	
£ / R	On	16/09/2019	Foreign Exchange Future			20.93450	20.50590			0.0000	0.00	0	4,645	
Total £ / R Future												1,818,298,298.70	91,395	521,518
£ / R	On	17/09/2018	Foreign Exchange Option	18.25	Call		962.71310	1,350.619	23.96	0.9426	0.00	0	0	
£ / R	On	17/09/2018	Foreign Exchange Option	18.25	Put		22.21310	22.119	23.96	0.0574	0.00	0	0	
£ / R	On	17/09/2018	Foreign Exchange Option	18.26	Call		953.64050	1,340.881	23.87	0.9418	0.00	0	0	
£ / R	On	17/09/2018	Foreign Exchange Option	18.26	Put		23.14050	22.382	23.87	0.0582	0.00	0	0	
£ / R	On	17/09/2018	Foreign Exchange Option	18.24	Call		972.36300	1,360.362	24.05	0.9433	0.00	0	0	
£ / R	On	17/09/2018	Foreign Exchange Option	18.24	Put		21.86300	21.862	24.05	0.0567	0.00	0	0	
£ / R	On	28/09/2018	Foreign Exchange Option	17.65	Call		1,600.83430	1,985.110	23.37	0.9636	0.00	0	0	
£ / R	On	28/09/2018	Foreign Exchange Option	17.65	Put		23.13430	17.410	23.37	0.0364	0.00	0	0	
£ / R	On	28/09/2018	Foreign Exchange Option	17.66	Call		1,591.27750	1,975.448	23.35	0.9629	0.00	0	0	
£ / R	On	28/09/2018	Foreign Exchange Option	17.66	Put		23.57750	17.748	23.35	0.0371	0.00	0	0	
£ / R	On	28/09/2018	Foreign Exchange Option	17.64	Call		1,610.39940	1,994.885	23.41	0.9641	0.00	0	0	
£ / R	On	28/09/2018	Foreign Exchange Option	17.64	Put		22.69940	17.185	23.41	0.0359	0.00	0	0	
£ / R	On	15/10/2018	Foreign Exchange Option	19.08	Put		404.50760	299.504	21.17	0.3183	0.00	0	0	
£ / R	On	15/10/2018	Foreign Exchange Option	19.08	Call		612.00760	900.304	21.17	0.6817	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Call		1,603.61290	1,967.069	19.49	0.8323	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Put		228.81290	190.969	19.49	0.1677	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Call		1,596.04430	1,959.094	19.49	0.8310	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Put		231.24430	192.994	19.49	0.1690	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Call		1,611.19980	1,975.059	19.48	0.8337	0.00	0	0	
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Put		226.39980	188.959	19.48	0.1663	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call		2,157.32980	2,520.525	18.64	0.8236	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put		326.52980	279.825	18.64	0.1764	0.00	0	500	
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Put		2,210.46310	1,978.565	21.28	0.6150	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Call		601.26310	779.264	21.28	0.3850	0.00	0	500	
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Call		1,941.35430	2,293.448	18.71	0.7897	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Put		410.55430	352.748	18.71	0.2103	0.00	0	0	
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Call		1,934.38440	2,286.115	18.72	0.7885	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	18.31	Put			413.58440	355.415	18.72	0.2115	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Call			1,948.33910	2,300.791	18.71	0.7908	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Put			407.53910	350.091	18.71	0.2092	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call			2,149.57480	2,501.209	19.07	0.7497	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put			630.27480	562.909	19.07	0.2503	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Call			2,143.20570	2,494.494	19.07	0.7486	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put			633.90570	566.194	19.07	0.2514	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call			2,155.95680	2,507.930	19.07	0.7507	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put			626.65680	559.630	19.07	0.2493	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Call			2,463.38470	2,824.464	19.28	0.7385	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Put			787.48470	719.964	19.28	0.2615	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Call			2,475.60780	2,838.098	19.28	0.7402	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Put			779.70780	713.598	19.28	0.2598	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Call			2,469.48700	2,831.276	19.28	0.7394	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Put			783.58700	716.776	19.28	0.2606	0.00	0	0
Total £ / R Option												0.00	0	1,000
Total £ / R												1,818,298,298.70	91,395	522,518
¥ / R	On	06/09/2018	Foreign Exchange Future			0.13680		0.13390			0.0000	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Future			0.13703		0.13417			0.0000	0.00	0	6,905
¥ / R	On	14/12/2018	Foreign Exchange Future			0.13962		0.13666			0.0000	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Future			0.14249		0.13946			0.0000	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Future			0.14524		0.14213			0.0000	0.00	0	0
Total ¥ / R Future												0.00	0	6,905
¥ / R	On	06/09/2018	Foreign Exchange Option	0.11	Put			0.84380	0.000	35.72	0.0000	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.12	Call			1,405.77600	1,680.000	39.30	1.0000	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.12	Put			15.77600	0.000	39.30	0.0000	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.13	Call			540.28560	689.701	42.89	0.9476	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.13	Put			150.28560	9.701	42.89	0.0524	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.11	Call			2,390.84380	2,680.000	35.72	1.0000	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.13	Call			471.48950	720.190	19.53	0.9262	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.13	Put			54.18950	16.890	19.53	0.0738	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.14	Call			71.90970	136.754	24.79	0.3320	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.14	Put			654.60970	433.453	24.79	0.6680	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.12	Call			1,420.63520	1,706.206	30.86	0.9895	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.12	Put			3.33520	2.906	30.86	0.0105	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Call			1,688.03760	1,984.998	17.17	0.9575	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Put			21.63760	22.598	17.17	0.0425	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Call			927.92920	1,148.057	18.91	0.7786	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Put			261.52920	185.657	18.91	0.2214	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Call			2,681.70280	2,976.852	23.19	0.9781	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Put			15.30280	14.452	23.19	0.0219	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Call			2,153.87810	2,429.819	23.23	0.8636	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Put			207.97810	180.419	23.23	0.1364	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	0.13	Call			1,435.98170	1,672.423	23.08	0.7351	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Put			490.08170	423.023	23.08	0.2649	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Call			3,013.39590	3,309.874	23.38	0.9452	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Put			67.49590	60.474	23.38	0.0548	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Call			1,594.72250	1,822.838	17.68	0.7852	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			382.02250	298.938	17.68	0.2148	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			1,123.65200	1,298.880	20.30	0.6160	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			910.95200	774.980	20.30	0.3840	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			2,299.05040	2,574.085	14.52	0.9403	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			86.35040	50.185	14.52	0.0597	0.00	0	0
Total ¥ / R Option												0.00	0	0
Total ¥ / R												0.00	0	6,905
€ / R	On	07/09/2018	Foreign Exchange Future			17.60100		17.28600			0.0000	0.00	0	34
€ / R	On	11/09/2018	Foreign Exchange Future			17.61550		17.30020			0.0000	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Future			17.63780		17.32160			0.0000	142,495,786.20	8,079	97,906
€ / R	On	25/09/2018	Foreign Exchange Future			17.66780		17.35020			0.0000	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Future			17.97800		17.64950			0.0000	40,720,170.00	2,265	40,842
€ / R	On	18/03/2019	Foreign Exchange Future			18.35210		18.01530			0.0000	73,408.40	4	4,725
€ / R	On	14/06/2019	Foreign Exchange Future			18.71130		18.36580			0.0000	0.00	0	5,256
€ / R	On	14/08/2019	Foreign Exchange Future			18.97130		18.61890			0.0000	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Future			19.10690		18.75040			0.0000	0.00	0	0
Total € / R Future												183,289,364.60	10,348	148,763
€ / R	On	07/09/2018	Foreign Exchange Option	15.62	Put			0.16620	0.048	38.63	0.0003	0.00	0	0
€ / R	On	07/09/2018	Foreign Exchange Option	15.62	Call			1,666.16620	1,981.048	38.63	0.9997	0.00	0	0
€ / R	On	11/09/2018	Foreign Exchange Option	15.62	Put			1.39420	1.444	34.33	0.0053	0.00	0	0
€ / R	On	11/09/2018	Foreign Exchange Option	15.62	Call			1,681.59420	1,996.945	34.33	0.9947	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.00	Put			8.20530	9.087	26.97	0.0262	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.76	Put			62.78730	36.148	21.75	0.1030	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.76	Call			624.38730	913.948	21.75	0.8970	0.00	0	29,734
€ / R	On	17/09/2018	Foreign Exchange Option	19.56	Call			6.44530	18.622	31.60	0.0441	0.00	0	86,824
€ / R	On	17/09/2018	Foreign Exchange Option	17.11	Call			384.39120	630.812	22.54	0.7690	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.11	Put			172.79120	103.012	22.54	0.2310	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	14.25	Call			3,071.68870	3,387.910	33.84	0.9996	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	14.25	Put			0.08870	0.111	33.84	0.0004	0.00	0	57,090
€ / R	On	17/09/2018	Foreign Exchange Option	16.00	Call			1,329.80530	1,646.887	26.97	0.9738	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.12	Put			177.01520	105.705	22.56	0.2354	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.10	Call			390.22750	638.166	22.51	0.7734	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.10	Put			168.62750	100.366	22.51	0.2266	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	15.85	Call			1,477.81100	1,794.626	27.86	0.9803	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	15.85	Put			6.21100	6.826	27.86	0.0197	0.00	0	86,824
€ / R	On	17/09/2018	Foreign Exchange Option	19.56	Put			2,244.84530	1,940.822	31.60	0.9559	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	21.63	Put			4,309.60790	3,993.599	39.60	0.9965	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	21.63	Call			1.20790	1.399	39.60	0.0035	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	17/09/2018	Foreign Exchange Option	13.50	Call			3,821.60100	4,137.835	38.73	0.9999	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	13.50	Put			0.00100	0.035	38.73	0.0001	0.00	0	29,734
€ / R	On	17/09/2018	Foreign Exchange Option	17.12	Call			378.61520	623.505	22.56	0.7646	0.00	0	0
€ / R	On	25/09/2018	Foreign Exchange Option	16.09	Put			20.41600	17.004	22.95	0.0421	0.00	0	0
€ / R	On	25/09/2018	Foreign Exchange Option	16.09	Call			1,280.61600	1,594.804	22.95	0.9579	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Call			631.66710	841.146	21.17	0.5397	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Put			872.16710	753.146	21.17	0.4603	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Call			628.23120	836.928	21.19	0.5377	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Put			878.73120	758.928	21.19	0.4623	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Call			635.12320	845.386	21.15	0.5417	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Put			865.62320	747.386	21.15	0.4583	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			2,082.10520	2,406.534	17.65	0.8566	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			196.80520	184.434	17.65	0.1434	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			172.38410	159.979	17.55	0.1285	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			2,187.68410	2,512.079	17.55	0.8715	0.00	0	650
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call			2,074.08460	2,398.518	17.65	0.8554	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put			198.78460	186.418	17.65	0.1446	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call			2,066.07860	2,390.517	17.66	0.8542	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Put			200.77860	188.417	17.66	0.1458	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call			1,946.95430	2,259.181	17.67	0.7714	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put			451.15430	417.881	17.67	0.2286	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Call			1,940.51200	2,252.421	17.68	0.7701	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put			454.71200	421.121	17.68	0.2299	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call			1,953.41850	2,265.956	17.67	0.7726	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put			447.61850	414.656	17.67	0.2274	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Call			0.00000	2,442.922	17.54	0.7661	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Put			0.00000	481.622	17.54	0.2339	15,026,615.76	31,200	31,200
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Put			255.72840	253.560	17.58	0.1418	0.00	0	31,200
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Call			2,844.62840	3,194.860	17.58	0.8582	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Put			2,048.24520	1,906.620	20.68	0.5298	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Call			1,017.14520	1,227.920	20.68	0.4702	0.00	0	62,400
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Call			2,677.31060	3,025.221	17.57	0.8405	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Put			298.41060	293.921	17.57	0.1595	36,093,523.36	122,800	30,200
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Call			1,815.15520	2,113.161	18.14	0.6842	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Put			854.75520	796.261	18.14	0.3158	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Call			1,825.46860	2,124.164	18.12	0.6865	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Put			845.06860	787.264	18.12	0.3135	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Call			1,820.30830	2,118.659	18.13	0.6854	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Put			849.90830	791.759	18.13	0.3146	0.00	0	0
Total € / R Option												51,120,139.12	154,000	445,856
Total € / R												234,409,503.72	164,348	594,619
AU\$ / R	On	17/09/2018	Foreign Exchange Future			10.95480		10.75040			0.0000	5,543,128.80	506	12,144
AU\$ / R	On	14/12/2018	Foreign Exchange Future			11.09270		10.88150			0.0000	3,327,810.00	300	11,469
AU\$ / R	On	18/03/2019	Foreign Exchange Future			11.24230		11.02730			0.0000	56,211.50	5	520

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	14/06/2019	Foreign Exchange Future			11.38730		11.16850			0.0000	0.00	0	4,929
Total AU\$ / R Future												8,927,150.30	811	29,062
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.11	Call			41.20560	110.280	21.33	0.3710	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.11	Put			400.80560	265.480	21.33	0.6290	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.12	Call			39.69910	107.213	21.39	0.3629	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.12	Put			409.29910	272.413	21.39	0.6371	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.13	Call			38.24400	104.221	21.45	0.3550	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.13	Put			417.84400	279.421	21.45	0.6450	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Put			793.63930	674.275	18.91	0.6194	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Call			189.30740	282.547	18.85	0.3868	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Put			777.80740	659.847	18.85	0.6132	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Call			187.21090	279.746	18.88	0.3837	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Put			785.71090	667.046	18.88	0.6163	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Call			185.13930	276.975	18.91	0.3806	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Call			865.76530	1,052.812	15.59	0.7806	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Put			198.46530	170.512	15.59	0.2194	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Call			858.83070	1,045.479	15.60	0.7780	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Put			201.53070	173.178	15.60	0.2220	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			872.73190	1,060.171	15.59	0.7831	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			195.43190	167.871	15.59	0.2169	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Put			529.83720	465.303	16.19	0.3792	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Call			683.87070	837.660	16.21	0.6183	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Put			535.37070	470.360	16.21	0.3817	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Call			692.83170	847.571	16.17	0.6233	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Put			524.33170	460.271	16.17	0.3767	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Call			688.33720	842.603	16.19	0.6208	0.00	0	0
Total AU\$ / R Option												0.00	0	0
Total AU\$ / R												8,927,150.30	811	29,062
CAD/ R	On	14/12/2018	Foreign Exchange Future			11.73110		11.54720			0.0000	58,655.50	5	600
CAD/ R	On	18/03/2019	Foreign Exchange Future			11.89740		11.71000			0.0000	0.00	0	0
Total CAD/ R Future												58,655.50	5	600
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Call			2,076.78180	2,261.292	20.47	0.9790	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Put			9.58180	10.192	20.47	0.0210	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Call			2,066.93680	2,251.469	20.44	0.9786	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Put			9.73680	10.368	20.44	0.0214	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Call			2,086.62890	2,271.118	20.50	0.9793	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Put			9.42890	10.018	20.50	0.0207	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Call			1,140.16250	1,311.982	16.35	0.8222	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Put			160.16250	144.582	16.35	0.1778	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Call			1,132.70180	1,304.277	16.36	0.8201	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Put			162.70180	146.877	16.36	0.1799	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	18/03/2019	Foreign Exchange Option	10.72	Call			1,147.64830	1,319.714	16.34	0.8244	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Put			157.64830	142.314	16.34	0.1756	0.00	0	0
Total CAD/ R Option												0.00	0	0
Total CAD/ R												58,655.50	5	600
CF CANDCO	On	15/10/2018	Foreign Exchange Future			642.46620		602.22700			0.0000	0.00	0	25,000
Total CF CANDCO CC01 Future												0.00	0	25,000
Total CF CANDCO CC01												0.00	0	25,000
CHF / R	On	17/09/2018	Foreign Exchange Future			15.65220		15.38890			0.0000	1,565,220.00	100	1,775
CHF / R	On	14/12/2018	Foreign Exchange Future			15.96920		15.69560			0.0000	159,692.00	10	755
CHF / R	On	18/03/2019	Foreign Exchange Future			16.31950		16.03900			0.0000	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Future			16.65530		16.36710			0.0000	0.00	0	150
Total CHF / R Future												1,724,912.00	110	2,680
CHF / R	On	17/09/2018	Foreign Exchange Option	15.05	Call			456.65950	680.489	24.51	0.8082	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.05	Put			117.75950	78.289	24.51	0.1918	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.03	Call			470.69190	696.525	24.51	0.8159	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.03	Put			111.79190	74.325	24.51	0.1841	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.04	Call			463.64780	688.487	24.51	0.8121	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.04	Put			114.74780	76.287	24.51	0.1879	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Call			2,530.02150	2,803.738	23.06	0.9478	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Put			44.42150	44.538	23.06	0.0522	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			2,520.43810	2,794.178	23.04	0.9473	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			44.83810	44.978	23.04	0.0527	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			2,539.60870	2,813.303	23.09	0.9483	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			44.00870	44.103	23.09	0.0517	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			1,811.90170	2,077.060	19.25	0.8213	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			252.90170	237.560	19.25	0.1787	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			1,826.96210	2,092.772	19.25	0.8238	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			247.96210	233.272	19.25	0.1762	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Call			1,819.42340	2,084.910	19.25	0.8226	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Put			250.42340	235.410	19.25	0.1774	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			2,008.12020	2,270.468	18.65	0.7980	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			361.02020	335.168	18.65	0.2020	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			2,001.19310	2,263.283	18.65	0.7967	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			364.09310	337.983	18.65	0.2033	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			1,994.28710	2,256.112	18.66	0.7955	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			367.18710	340.812	18.66	0.2045	0.00	0	0
Total CHF / R Option												0.00	0	0
Total CHF / R												1,724,912.00	110	2,680
CNH / R	On	17/09/2018	Foreign Exchange Future			2.22330		2.17780			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
CNH / R	On	14/12/2018	Foreign Exchange Future			2.24480		2.19860			0.0000	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Future			2.26750		2.22060			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.28920		2.24160			0.0000	0.00	0	0
Total CNH / R Future												0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.13	Call			603.31530	999.284	21.53	0.8589	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.13	Put			125.31530	66.284	21.53	0.1411	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.14	Call			536.33370	916.225	21.58	0.8310	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.14	Put			158.33370	83.225	21.58	0.1690	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.15	Call			474.42780	836.280	21.63	0.8000	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.15	Put			196.42780	103.280	21.63	0.2000	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Put			58.23440	53.826	20.13	0.0518	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Call			2,949.38750	3,406.939	20.01	0.9438	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Put			63.38750	58.939	20.01	0.0562	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Call			2,854.97700	3,312.485	19.89	0.9390	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Put			68.97700	64.485	19.89	0.0610	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Call			3,044.23440	3,501.826	20.13	0.9482	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Call			1,812.47630	2,216.404	17.50	0.7584	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Put			506.47630	441.404	17.50	0.2416	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Call			1,746.12300	2,146.313	17.52	0.7464	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Put			540.12300	471.313	17.52	0.2536	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Call			1,880.31870	2,287.804	17.48	0.7701	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Put			474.31870	412.804	17.48	0.2299	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			2,954.24190	3,399.420	17.56	0.8451	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			338.24190	307.420	17.56	0.1549	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			2,874.65970	3,317.143	17.52	0.8377	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			358.65970	325.143	17.52	0.1623	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			3,034.72050	3,482.461	17.61	0.8523	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			318.72050	290.461	17.61	0.1477	0.00	0	0
Total CNH / R Option												0.00	0	0
Total CNH / R												0.00	0	0
CURRENCO	On	06/11/2018	Foreign Exchange Future			912.30740		703.64080			0.0000	0.00	0	0
Total CURRENCY CANDO CX05 Future												0.00	0	0
Total CURRENCY CANDO CX05												0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Future			2.37660		2.33500			0.0000	0.00	0	245
DKK / R	On	14/12/2018	Foreign Exchange Future			2.42510		2.38170			0.0000	0.00	0	240
DKK / R	On	18/03/2019	Foreign Exchange Future			2.47620		2.43200			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.52580		2.48040			0.0000	0.00	0	0
Total DKK / R Future												0.00	0	485
DKK / R	On	17/09/2018	Foreign Exchange Option	2.35	Put			442.82460	276.736	22.23	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
DKK / R	On	17/09/2018	Foreign Exchange Option	2.36	Call			254.99870	488.571	22.44	0.5740	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.36	Put			504.99870	322.571	22.44	0.4260	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.37	Call			221.16170	438.491	22.65	0.5344	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.37	Put			571.16170	372.491	22.65	0.4656	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.35	Call			292.82460	542.736	22.23	0.6138	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Call			2,996.84150	3,443.962	20.49	0.9241	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Put			79.84150	92.962	20.49	0.0759	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Call			2,901.79820	3,349.725	20.29	0.9195	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Put			84.79820	98.725	20.29	0.0805	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Call			3,092.20150	3,538.538	20.69	0.9285	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Put			75.20150	87.538	20.69	0.0715	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Call			2,202.85850	2,586.968	17.56	0.7811	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Put			482.85850	424.968	17.56	0.2189	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Call			2,341.89810	2,737.344	17.56	0.8010	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Put			421.89810	375.344	17.56	0.1990	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Call			2,271.70370	2,659.072	17.52	0.7917	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Put			451.70370	397.072	17.52	0.2083	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			275.05460	235.159	17.00	0.1186	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			3,597.50200	4,010.525	17.05	0.8746	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			293.50200	252.525	17.05	0.1254	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			3,516.83160	3,928.788	17.09	0.8676	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			312.83160	270.788	17.09	0.1324	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			3,679.05460	4,093.159	17.00	0.8814	0.00	0	0
Total DKK / R Option												0.00	0	0
Total DKK / R												0.00	0	485
HK\$/R	On	17/09/2018	Foreign Exchange Future			1.94310		1.89700			0.0000	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Future			1.96950		1.92230			0.0000	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Future			1.99680		1.94910			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			2.02230		1.97380			0.0000	0.00	0	0
Total HK\$/R Future												0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.85	Call			593.07050	986.618	23.34	0.8722	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.85	Put			123.07050	55.618	23.34	0.1278	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.86	Call			526.42940	903.738	23.56	0.8426	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.86	Put			156.42940	72.738	23.56	0.1574	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.84	Call			664.76830	1,078.579	23.99	0.8901	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.84	Put			94.76830	47.579	23.99	0.1099	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Call			3,451.26700	3,920.746	22.55	0.9724	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Put			28.26700	25.746	22.55	0.0276	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Call			3,646.56110	4,115.989	22.85	0.9772	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Put			23.56110	20.989	22.85	0.0228	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Call			3,548.81050	4,018.256	22.70	0.9749	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Put			25.81050	23.256	22.70	0.0251	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Call			1,992.92000	2,400.510	19.25	0.8016	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
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Put			401.92000	332.510	19.25	0.1984	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Call			1,925.32840	2,325.206	19.25	0.7904	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Put			434.32840	357.206	19.25	0.2096	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Call			2,062.10110	2,477.052	19.25	0.8125	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Put			371.10110	309.052	19.25	0.1875	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			2,538.80530	2,977.500	18.91	0.8206	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			400.80530	354.499	18.91	0.1794	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			2,468.40690	2,899.468	18.88	0.8118	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			430.40690	376.468	18.88	0.1882	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			2,610.55190	3,056.488	18.93	0.8292	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			372.55190	333.488	18.93	0.1708	0.00	0	0
Total HK\$/R Option												0.00	0	0
Total HK\$/R												0.00	0	0
KES / R	On	17/09/2018	Foreign Exchange Future			0.15110		0.14770			0.0000	0.00	0	562
KES / R	On	14/12/2018	Foreign Exchange Future			0.15020		0.14700			0.0000	0.00	0	0
KES / R	On	18/03/2019	Foreign Exchange Future			0.14860		0.14690			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.14780		0.14680			0.0000	0.00	0	1,628
Total KES / R Future												0.00	0	2,190
Total KES / R												0.00	0	2,190
NOK/R	On	17/09/2018	Foreign Exchange Future			1.81690		1.78800			0.0000	0.00	0	0
NOK/R	On	14/12/2018	Foreign Exchange Future			1.84610		1.81610			0.0000	0.00	0	0
NOK/R	On	18/03/2019	Foreign Exchange Future			1.87650		1.84600			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.90580		1.87450			0.0000	0.00	0	0
Total NOK/R Future												0.00	0	0
Total NOK/R												0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Future			9.98180		9.84090			0.0000	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Future			10.10700		9.96070			0.0000	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Future			10.24290		10.09460			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			10.37720		10.22540			0.0000	0.00	0	0
Total NZ\$ / R Future												0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.93	Call			106.64700	188.070	21.46	0.5591	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.93	Put			195.74700	136.270	21.46	0.4409	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.94	Call			103.15320	183.034	21.51	0.5492	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.94	Put			202.25320	141.234	21.51	0.4508	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.92	Call			110.24000	193.208	21.41	0.5690	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.92	Put			189.34000	131.408	21.41	0.4310	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Call			1,068.18900	1,218.295	18.12	0.9109	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Put			37.48900	41.295	18.12	0.0891	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Call			1,058.87260	1,209.050	18.09	0.9094	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 Option	8.94	Put			38.17260	42.050	18.09	0.0906	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Call			1,077.51790	1,227.552	18.16	0.9124	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Put			36.81790	40.552	18.16	0.0876	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Put			229.36380	211.202	16.91	0.2593	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Call			787.40410	917.284	16.91	0.7379	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Put			232.80410	214.384	16.91	0.2621	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Call			800.55460	930.952	16.90	0.7435	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Put			225.95460	208.052	16.90	0.2565	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Call			793.96380	924.102	16.91	0.7407	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			752.48930	868.990	17.23	0.6454	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			447.08930	411.790	17.23	0.3546	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			747.61050	863.792	17.25	0.6428	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			452.21050	416.592	17.25	0.3572	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			757.39450	874.217	17.21	0.6479	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			441.99450	407.017	17.21	0.3521	0.00	0	0
Total NZ\$ / R Option												0.00	0	0
Total NZ\$ / R												0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Future			1.39110		1.37180			0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Future			1.39880		1.38360			0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Future			1.40630		1.39370			0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Future			1.41390		1.40440			0.0000	0.00	0	0
Total PULA / R Future												0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.37	Call			18.00000	211.000		1.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.37	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.38	Call			0.00000	111.000		1.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.38	Put			82.00000	0.000		0.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.36	Call			118.00000	311.000		1.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.36	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Call			1,236.00000	1,388.000		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			1,136.00000	1,288.000		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			1,336.00000	1,488.000		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			537.00000	663.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Call			437.00000	563.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.33	Call			637.00000	763.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.33	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.32	Call			844.00000	939.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.32	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.33	Call			744.00000	839.000		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
PULA / R	On	14/06/2019	Foreign Exchange Option	1.33	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.31	Call			944.00000	1,039.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.31	Put			0.00000	0.000		0.0000	0.00	0	0
Total PULA / R Option												0.00	0	0
Total PULA / R												0.00	0	0
QUANTO £	On	17/09/2018	Foreign Exchange Future			1.28390		1.28900			0.0000	0.00	0	25
Total QUANTO £ / \$ Future												0.00	0	25
Total QUANTO £ / \$												0.00	0	25
QUANTO €	On	17/09/2018	Foreign Exchange Future			1.15660		1.16340			0.0000	0.00	0	7,143
Total QUANTO € / \$ Future												0.00	0	7,143
Total QUANTO € / \$												0.00	0	7,143
R / ¥	On	06/09/2018	Foreign Exchange Future			7.31200	0.13673	7.46910			0.0000	0.00	0	0
Total R / ¥ Future												0.00	0	0
R / ¥	On	06/09/2018	Foreign Exchange Option	8.26	Put		0.13673	7,909.87980	9,480.358	49.84	0.9995	0.00	0	0
R / ¥	On	06/09/2018	Foreign Exchange Option	8.26	Call		0.13673	0.87980	0.359	49.84	0.0005	0.00	0	25,000
Total R / ¥ Option												0.00	0	25,000
Total R / ¥												0.00	0	25,000
R / ¥EN	On	17/09/2018	Foreign Exchange Future			7.29750	0.13673	7.45310			0.0000	0.00	0	0
Total R / ¥EN Future												0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.61	Call		0.13673	3.90080	2.133	29.85	0.0018	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.61	Put		0.13673	11,572.90080	13,127.133	29.85	0.9982	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.62	Call		0.13673	3.70430	2.026	29.90	0.0017	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.62	Put		0.13673	11,672.70430	13,227.026	29.90	0.9983	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.60	Call		0.13673	4.10820	2.246	29.80	0.0019	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.60	Put		0.13673	11,473.10820	13,027.246	29.80	0.9981	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.17	Call		0.13673	36.49610	21.242	27.55	0.0159	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.17	Put		0.13673	7,205.49610	8,746.242	27.55	0.9841	0.00	0	0
Total R / ¥EN Option												0.00	0	0
Total R / ¥EN												0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Future			11.07910		10.85740			0.0000	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Future			11.23320		11.00500			0.0000	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Future			11.40160		11.17130			0.0000	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Future			11.56300		11.32750			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 SGD / R Future												0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.00	Call			862.37080	1,084.900	28.21	0.9745	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.00	Put			4.97080	5.800	28.21	0.0255	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.01	Call			852.48720	1,074.989	28.04	0.9740	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.01	Put			5.08720	5.889	28.04	0.0260	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	9.99	Call			872.25770	1,094.689	28.27	0.9754	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	9.99	Put			4.85770	5.590	28.27	0.0246	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Call			1,653.90490	1,883.292	20.30	0.9601	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Put			18.90490	20.092	20.30	0.0399	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Call			1,644.21060	1,873.636	20.27	0.9594	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Put			19.21060	20.436	20.27	0.0406	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Call			1,663.60410	1,892.953	20.33	0.9607	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Put			18.60410	19.753	20.33	0.0393	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Call			1,025.52150	1,229.646	17.09	0.8009	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Put			194.22150	168.045	17.09	0.1991	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			1,018.46790	1,222.222	17.10	0.7986	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			197.16790	170.622	17.10	0.2014	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			1,032.60730	1,237.096	17.08	0.8031	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			191.30730	165.496	17.08	0.1969	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Call			1,477.47910	1,694.024	16.54	0.8577	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Put			149.97910	131.024	16.54	0.1423	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Call			1,469.66850	1,686.006	16.55	0.8560	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Put			152.16850	133.006	16.55	0.1440	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Call			1,485.31190	1,702.063	16.53	0.8593	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Put			147.81190	129.063	16.53	0.1407	0.00	0	0
Total SGD / R Option												0.00	0	0
Total SGD / R												0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Future			2.25610		2.22440			0.0000	0.00	0	5,270
TRY / R	On	14/12/2018	Foreign Exchange Future			2.15840		2.13080			0.0000	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Future			2.05250		2.02660			0.0000	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Future			1.95160		1.93380			0.0000	0.00	0	0
Total TRY / R Future												0.00	0	5,270
TRY / R	On	17/09/2018	Foreign Exchange Option	3.36	Call			0.18940	0.326	76.06	0.0034	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.36	Put			1,135.78940	1,104.226	76.06	0.9966	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.37	Call			0.17620	0.305	76.06	0.0032	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.37	Put			1,145.77620	1,114.205	76.06	0.9968	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.35	Call			0.20340	0.349	76.06	0.0037	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.35	Put			1,125.80340	1,094.249	76.06	0.9963	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Call			8.83130	11.155	37.55	0.0646	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Put			848.03130	822.755	37.55	0.9354	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Call			8.48030	10.731	37.55	0.0625	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	14/12/2018	Foreign Exchange Option	2.98	Put			857.68030	832.331	37.55	0.9375	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Call			9.19590	11.595	37.55	0.0668	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Put			838.39590	813.195	37.55	0.9332	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Call			33.97380	39.609	34.86	0.1606	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Put			737.37380	717.109	34.86	0.8394	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Call			33.03720	38.559	34.86	0.1571	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Put			746.43720	726.059	34.86	0.8429	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Call			34.93510	40.684	34.86	0.1641	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Put			728.33510	708.184	34.86	0.8359	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Call			5.28080	6.200	33.37	0.0307	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Put			1,601.48080	1,584.600	33.37	0.9693	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Call			5.14890	6.049	33.37	0.0301	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Put			1,611.34890	1,594.449	33.37	0.9699	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Call			5.41590	6.354	33.37	0.0314	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Put			1,591.61590	1,574.754	33.37	0.9686	0.00	0	0
Total TRY / R Option												0.00	0	0
Total TRY / R												0.00	0	5,270
ZMW / R	On	17/09/2018	Foreign Exchange Future			1.46380		1.42930			0.0000	0.00	0	0
ZMW / R	On	14/12/2018	Foreign Exchange Future			1.39470		1.36130			0.0000	0.00	0	0
ZMW / R	On	18/03/2019	Foreign Exchange Future			1.32690		1.29520			0.0000	0.00	0	0
ZMW / R	On	14/06/2019	Foreign Exchange Future			1.27210		1.24150			0.0000	0.00	0	0
Total ZMW / R Future												0.00	0	0
Total ZMW / R												0.00	0	0
Total Futures												9 789 866 709.40	608,404	1,836,958
Total Options												716 457 302.95	1,577,886	7,279,823
Grand Total:												10,506,324,012.35	2,186,290	9,116,781