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CURRENCY DERIVATIVES

CURRENCY DERIVATIVES DAILY MTM REPORT

DAILY SUMMARY FOR: 02/07/2018

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 02/07/2018 Foreign Exchange Future			13.87000		13.71520			0.0000	29,127,000.00	2,100	0
\$ / R On 03/07/2018 Foreign Exchange Future			13.87830		13.71520			0.0000	0.00	0	55
\$ / R On 05/07/2018 Foreign Exchange Future			13.87830		13.71680			0.0000	0.00	0	0
\$ / R On 06/07/2018 Foreign Exchange Future			13.87670		13.71820			0.0000	0.00	0	150
\$ / R On 12/07/2018 Foreign Exchange Future			13.88720		13.72730			0.0000	0.00	0	142
\$ / R On 16/07/2018 Foreign Exchange Future			13.89420		13.73460			0.0000	0.00	0	34
\$ / R On 20/07/2018 Foreign Exchange Future			13.90120		13.74190			0.0000	0.00	0	1,800
\$ / R On 24/07/2018 Foreign Exchange Future			13.90830		13.74910			0.0000	0.00	0	500
\$ / R On 25/07/2018 Foreign Exchange Future			13.91000		13.75100			0.0000	0.00	0	70
\$ / R On 27/07/2018 Foreign Exchange Future			13.91360		13.75460			0.0000	0.00	0	920
\$ / R On 31/07/2018 Foreign Exchange Future			13.92060		13.76190			0.0000	0.00	0	1,867
\$ / R On 02/08/2018 Foreign Exchange Future			13.92410		13.76550			0.0000	0.00	0	55
\$ / R On 07/08/2018 Foreign Exchange Future			13.93300		13.77450			0.0000	0.00	0	0
\$ / R On 13/08/2018 Foreign Exchange Future			13.94390		13.78520			0.0000	0.00	0	70
\$ / R On 15/08/2018 Foreign Exchange Future			13.94760		13.78880			0.0000	0.00	0	4,970
\$ / R On 20/08/2018 Foreign Exchange Future			13.95670		13.79770			0.0000	0.00	0	600
\$ / R On 31/08/2018 Foreign Exchange Future			13.97670		13.81740			0.0000	0.00	0	3,547
\$ / R On 03/09/2018 Foreign Exchange Future			13.98220		13.82280			0.0000	0.00	0	197
\$ / R On 13/09/2018 Foreign Exchange Future			14.00060		13.84100			0.0000	0.00	0	0
\$ / R On 17/09/2018 Foreign Exchange Future			14.00800		13.84830			0.0000	1,565,730,192.00	111,774	538,715
\$ / R On 25/09/2018 Foreign Exchange Future			14.02280		13.86290			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	28/09/2018	Foreign Exchange Future			14.02830		13.86840			0.0000	0.00	0	4,280
\$ / R	On	02/10/2018	Foreign Exchange Future			14.03570		13.87570			0.0000	0.00	0	55
\$ / R	On	25/10/2018	Foreign Exchange Future			14.07780		13.91720			0.0000	0.00	0	70
\$ / R	On	29/10/2018	Foreign Exchange Future			14.08510		13.92450			0.0000	0.00	0	225
\$ / R	On	31/10/2018	Foreign Exchange Future			14.08880		13.92810			0.0000	0.00	0	3,363
\$ / R	On	01/11/2018	Foreign Exchange Future			14.09060		13.92990			0.0000	0.00	0	55
\$ / R	On	05/11/2018	Foreign Exchange Future			14.09790		13.93710			0.0000	0.00	0	0
\$ / R	On	13/11/2018	Foreign Exchange Future			14.11250		13.95150			0.0000	0.00	0	70
\$ / R	On	16/11/2018	Foreign Exchange Future			14.11800		13.95700			0.0000	0.00	0	700
\$ / R	On	30/11/2018	Foreign Exchange Future			14.14360		13.98220			0.0000	0.00	0	3,117
\$ / R	On	11/12/2018	Foreign Exchange Future			14.16370		14.00210			0.0000	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Future			14.16920		14.00750			0.0000	382,568.40	27	73,608
\$ / R	On	21/12/2018	Foreign Exchange Future			14.18190		14.02020			0.0000	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Future			14.20020		14.03820			0.0000	0.00	0	1,830
\$ / R	On	02/01/2019	Foreign Exchange Future			14.20390		14.04180			0.0000	0.00	0	55
\$ / R	On	30/01/2019	Foreign Exchange Future			14.25480		14.09180			0.0000	0.00	0	55
\$ / R	On	31/01/2019	Foreign Exchange Future			14.25660		14.09360			0.0000	0.00	0	1,225
\$ / R	On	13/02/2019	Foreign Exchange Future			14.28030		14.11680			0.0000	0.00	0	70
\$ / R	On	28/02/2019	Foreign Exchange Future			14.30760		14.14360			0.0000	0.00	0	4,725
\$ / R	On	18/03/2019	Foreign Exchange Future			14.34030		14.17570			0.0000	0.00	0	5,932
\$ / R	On	27/03/2019	Foreign Exchange Future			14.35670		14.19180			0.0000	0.00	0	4,414
\$ / R	On	29/03/2019	Foreign Exchange Future			14.36030		14.19540			0.0000	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Future			14.36760		14.20250			0.0000	0.00	0	55
\$ / R	On	30/04/2019	Foreign Exchange Future			14.41940		14.25310			0.0000	0.00	0	1,280
\$ / R	On	31/05/2019	Foreign Exchange Future			14.47690		14.30910			0.0000	0.00	0	55
\$ / R	On	03/06/2019	Foreign Exchange Future			14.48250		14.31450			0.0000	0.00	0	54,000
\$ / R	On	14/06/2019	Foreign Exchange Future			14.50290		14.33440			0.0000	0.00	0	14,910
\$ / R	On	28/06/2019	Foreign Exchange Future			14.52890		14.35970			0.0000	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Future			14.53450		14.36510			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			14.53820		14.53550			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			14.57470		14.40480			0.0000	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Future			14.57600		14.40600			0.0000	0.00	0	55
\$ / R	On	30/08/2019	Foreign Exchange Future			14.61260		14.44340			0.0000	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Future			14.61630		14.44720			0.0000	0.00	0	55
\$ / R	On	16/09/2019	Foreign Exchange Future			14.63400		14.46520			0.0000	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Future			14.65170		14.48320			0.0000	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Future			14.65420		14.48580			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			14.69080		14.52310			0.0000	0.00	0	55
\$ / R	On	29/11/2019	Foreign Exchange Future			14.72740		14.56040			0.0000	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Future			14.73120		14.56430			0.0000	0.00	0	55
\$ / R	On	13/12/2019	Foreign Exchange Future			14.74510		14.57850			0.0000	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Future			14.76780		14.60160			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			14.77030		14.60420			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			14.80690		14.64150			0.0000	0.00	0	55
\$ / R	On	02/03/2020	Foreign Exchange Future			14.84600		14.68140			0.0000	0.00	0	55
\$ / R	On	02/04/2020	Foreign Exchange Future			14.88510		14.72130			0.0000	0.00	0	55

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	29/04/2020	Foreign Exchange Future			14.91920		14.75600			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			14.96210		14.79980			0.0000	0.00	0	1,055
\$ / R	On	12/06/2020	Foreign Exchange Future			14.97470		14.81260			0.0000	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Future			15.06540		14.90280			0.0000	0.00	0	84,000
\$ / R	On	14/09/2020	Foreign Exchange Future			15.19730		15.03220			0.0000	0.00	0	0
Total \$ / R Future												1,595,239,760.40	113,901	813,501
\$ / R	On	02/07/2018	Foreign Exchange Option	11.80	Call			1,915.20000	2,070.000	20.69	1.0000	0.00	0	0
\$ / R	On	02/07/2018	Foreign Exchange Option	11.80	Put			0.00000	0.000	20.69	0.0000	0.00	0	0
\$ / R	On	02/07/2018	Foreign Exchange Option	12.50	Call			1,215.20000	1,370.000	20.69	1.0000	0.00	0	0
\$ / R	On	02/07/2018	Foreign Exchange Option	12.50	Put			0.00000	0.000	20.69	0.0000	0.00	0	0
\$ / R	On	02/07/2018	Foreign Exchange Option	13.98	Put			274.09050	110.000	20.69	1.0000	0.00	0	0
\$ / R	On	02/07/2018	Foreign Exchange Option	13.98	Call			9.29050	0.000	20.69	0.0000	0.00	0	0
\$ / R	On	02/07/2018	Foreign Exchange Option	13.12	Put			0.21660	0.000	20.69	0.0000	0.00	0	0
\$ / R	On	02/07/2018	Foreign Exchange Option	13.12	Call			595.41660	750.000	20.69	1.0000	0.00	0	0
\$ / R	On	03/07/2018	Foreign Exchange Option	12.60	Put			0.05340	0.011	50.57	0.0001	0.00	0	100,000
\$ / R	On	03/07/2018	Foreign Exchange Option	12.60	Call			1,115.25340	1,278.311	50.57	0.9999	0.00	0	0
\$ / R	On	05/07/2018	Foreign Exchange Option	12.61	Put			0.28300	0.058	32.43	0.0005	0.00	0	0
\$ / R	On	05/07/2018	Foreign Exchange Option	12.61	Call			1,107.08300	1,268.358	32.43	0.9995	0.00	0	0
\$ / R	On	06/07/2018	Foreign Exchange Option	13.73	Put			138.80580	57.954	20.29	0.3047	0.00	0	0
\$ / R	On	06/07/2018	Foreign Exchange Option	13.73	Call			127.00580	204.655	20.29	0.6953	0.00	0	1,000
\$ / R	On	06/07/2018	Foreign Exchange Option	13.25	Call			484.25300	631.147	24.04	0.9677	0.00	0	0
\$ / R	On	06/07/2018	Foreign Exchange Option	13.25	Put			16.05300	4.447	24.04	0.0323	0.00	0	20,000
\$ / R	On	06/07/2018	Foreign Exchange Option	13.75	Call			0.00000	190.321	20.13	0.6721	0.00	0	0
\$ / R	On	06/07/2018	Foreign Exchange Option	13.75	Put			0.00000	63.621	20.13	0.3279	1,272,420.00	20,000	20,000
\$ / R	On	06/07/2018	Foreign Exchange Option	13.60	Put			83.40060	30.601	21.31	0.1803	612,024.00	20,000	20,000
\$ / R	On	06/07/2018	Foreign Exchange Option	13.60	Call			201.60060	307.301	21.31	0.8197	0.00	0	1,000
\$ / R	On	06/07/2018	Foreign Exchange Option	12.07	Call			1,648.20210	1,806.700	27.18	1.0000	0.00	0	0
\$ / R	On	06/07/2018	Foreign Exchange Option	12.07	Put			0.00210	0.000	27.18	0.0000	0.00	0	2,000
\$ / R	On	12/07/2018	Foreign Exchange Option	13.79	Put			213.87710	118.133	17.74	0.3998	0.00	0	0
\$ / R	On	12/07/2018	Foreign Exchange Option	13.79	Call			151.17710	215.333	17.74	0.6002	0.00	0	0
\$ / R	On	16/07/2018	Foreign Exchange Option	13.71	Put			186.03780	103.458	16.77	0.3362	0.00	0	0
\$ / R	On	16/07/2018	Foreign Exchange Option	13.71	Call			210.63780	287.658	16.77	0.6638	0.00	0	0
\$ / R	On	20/07/2018	Foreign Exchange Option	13.80	Put			257.54370	161.991	17.01	0.4159	0.00	0	0
\$ / R	On	20/07/2018	Foreign Exchange Option	13.80	Call			199.44370	263.191	17.01	0.5841	0.00	0	0
\$ / R	On	24/07/2018	Foreign Exchange Option	15.94	Put			2,193.27570	2,034.350	23.55	0.9901	0.00	0	0
\$ / R	On	24/07/2018	Foreign Exchange Option	15.94	Call			2.37570	2.651	23.55	0.0099	0.00	0	1,500
\$ / R	On	24/07/2018	Foreign Exchange Option	14.19	Put			544.09090	414.856	18.10	0.6660	0.00	0	0
\$ / R	On	24/07/2018	Foreign Exchange Option	14.19	Call			103.19090	133.156	18.10	0.3340	0.00	0	0
\$ / R	On	24/07/2018	Foreign Exchange Option	15.72	Put			1,974.64650	1,815.896	22.81	0.9846	0.00	0	0
\$ / R	On	24/07/2018	Foreign Exchange Option	15.72	Call			3.74650	4.196	22.81	0.0154	0.00	0	0
\$ / R	On	24/07/2018	Foreign Exchange Option	14.45	Call			61.06430	77.426	19.06	0.2138	0.00	0	0
\$ / R	On	24/07/2018	Foreign Exchange Option	14.45	Put			761.96430	619.126	19.06	0.7862	0.00	0	1,500
\$ / R	On	25/07/2018	Foreign Exchange Option	14.29	Put			628.04310	494.014	18.50	0.7113	0.00	0	0
\$ / R	On	25/07/2018	Foreign Exchange Option	14.29	Call			89.04310	114.014	18.50	0.2887	0.00	0	0
\$ / R	On	25/07/2018	Foreign Exchange Option	13.50	Call			383.49020	485.154	16.22	0.7749	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	25/07/2018	Foreign Exchange Option	13.50	Put		132.49020	75.154	16.22	0.2251	0.00	0	40,000
\$ / R	On	27/07/2018	Foreign Exchange Option	12.06	Put		1.77430	1.095	21.12	0.0045	0.00	0	0
\$ / R	On	27/07/2018	Foreign Exchange Option	12.06	Call		1,696.37430	1,854.695	21.12	0.9955	0.00	0	0
\$ / R	On	31/07/2018	Foreign Exchange Option	13.00	Call		795.04270	940.697	16.60	0.9313	0.00	0	0
\$ / R	On	31/07/2018	Foreign Exchange Option	13.00	Put		33.14270	20.097	16.60	0.0687	0.00	0	500
\$ / R	On	31/07/2018	Foreign Exchange Option	13.50	Put		151.97600	94.990	16.30	0.2449	0.00	0	0
\$ / R	On	31/07/2018	Foreign Exchange Option	13.50	Call		413.87600	515.590	16.30	0.7551	0.00	0	500
\$ / R	On	31/07/2018	Foreign Exchange Option	13.80	Put		294.04790	205.947	16.80	0.4178	0.00	0	1,000
\$ / R	On	31/07/2018	Foreign Exchange Option	13.80	Call		255.94790	326.547	16.80	0.5822	0.00	0	0
\$ / R	On	31/07/2018	Foreign Exchange Option	16.32	Put		2,560.00430	2,401.826	23.19	0.9918	0.00	0	0
\$ / R	On	31/07/2018	Foreign Exchange Option	16.32	Call		1.90430	2.426	23.19	0.0082	0.00	0	500
\$ / R	On	31/07/2018	Foreign Exchange Option	15.82	Put		2,063.80310	1,906.610	22.30	0.9774	0.00	0	0
\$ / R	On	31/07/2018	Foreign Exchange Option	15.82	Call		5.70310	7.210	22.30	0.0226	0.00	0	500
\$ / R	On	02/08/2018	Foreign Exchange Option	12.66	Put		13.07380	8.476	17.61	0.0301	0.00	0	0
\$ / R	On	02/08/2018	Foreign Exchange Option	12.66	Call		1,118.57380	1,272.576	17.61	0.9699	0.00	0	0
\$ / R	On	07/08/2018	Foreign Exchange Option	12.32	Put		5.09360	3.381	17.67	0.0124	0.00	0	1,880
\$ / R	On	07/08/2018	Foreign Exchange Option	12.32	Call		1,459.59360	1,616.381	17.67	0.9876	0.00	0	0
\$ / R	On	07/08/2018	Foreign Exchange Option	13.86	Call		265.21620	330.589	16.81	0.5501	0.00	0	0
\$ / R	On	07/08/2018	Foreign Exchange Option	13.86	Put		350.71620	257.590	16.81	0.4499	0.00	0	1,880
\$ / R	On	07/08/2018	Foreign Exchange Option	16.18	Put		2,409.92270	2,252.756	22.08	0.9831	0.00	0	0
\$ / R	On	07/08/2018	Foreign Exchange Option	16.18	Call		4.42270	5.756	22.08	0.0169	0.00	0	1,880
\$ / R	On	13/08/2018	Foreign Exchange Option	14.62	Put		934.12420	796.826	18.78	0.7615	0.00	0	0
\$ / R	On	13/08/2018	Foreign Exchange Option	14.62	Call		99.32420	120.726	18.78	0.2385	0.00	0	0
\$ / R	On	15/08/2018	Foreign Exchange Option	13.47	Put		181.57130	122.524	15.98	0.2560	0.00	0	0
\$ / R	On	15/08/2018	Foreign Exchange Option	13.47	Call		500.37130	600.124	15.98	0.7440	0.00	0	0
\$ / R	On	20/08/2018	Foreign Exchange Option	13.56	Put		229.39430	161.706	16.01	0.3012	0.00	0	0
\$ / R	On	20/08/2018	Foreign Exchange Option	13.56	Call		467.09430	558.406	16.01	0.6988	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.65	Put		296.12350	219.626	16.10	0.3464	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.65	Call		463.52350	546.326	16.10	0.6536	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	16.57	Put		2,767.29420	2,609.435	22.36	0.9666	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	16.57	Call		14.69420	16.135	22.36	0.0334	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	16.05	Put		2,259.76220	2,104.030	21.42	0.9393	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	16.05	Call		27.16220	30.730	21.42	0.0607	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	13.00	Call		896.53720	1,025.004	15.14	0.8871	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.00	Put		79.13720	48.304	15.14	0.1129	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	13.80	Put		372.56110	285.653	16.35	0.4110	0.00	0	1,000
\$ / R	On	31/08/2018	Foreign Exchange Option	13.80	Call		389.96110	462.353	16.35	0.5890	0.00	0	0
\$ / R	On	03/09/2018	Foreign Exchange Option	12.47	Put		17.90040	11.560	15.21	0.0326	0.00	0	0
\$ / R	On	03/09/2018	Foreign Exchange Option	12.47	Call		1,370.70040	1,523.760	15.21	0.9674	0.00	0	0
\$ / R	On	13/09/2018	Foreign Exchange Option	13.30	Put		177.59650	125.448	15.47	0.2187	0.00	0	747
\$ / R	On	13/09/2018	Foreign Exchange Option	13.30	Call		718.59650	826.048	15.47	0.7813	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.86	Call		155.47540	178.451	18.59	0.2582	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.86	Put		1,167.17540	1,030.451	18.59	0.7418	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.87	Call		153.91600	176.627	18.61	0.2560	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.87	Put		1,175.61600	1,038.627	18.61	0.7440	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.85	Call		157.05340	180.296	18.57	0.2605	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	14.85	Put			1,158.75340	1,022.296	18.57	0.7395	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.85	Call			1,070.66740	1,204.830	15.03	0.9005	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.85	Put			72.36740	46.830	15.03	0.0995	0.00	0	3,750
\$ / R	On	17/09/2018	Foreign Exchange Option	11.00	Call			2,850.92940	3,009.838	20.43	0.9956	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.00	Put			2.62940	1.838	20.43	0.0044	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.14	Put			1,409.17120	1,266.012	19.23	0.7983	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.14	Call			117.47120	134.012	19.23	0.2017	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.50	Call			1,377.78330	1,527.832	15.19	0.9523	0.00	0	4,600
\$ / R	On	17/09/2018	Foreign Exchange Option	12.50	Put			29.48330	19.832	15.19	0.0477	0.00	0	34,000
\$ / R	On	17/09/2018	Foreign Exchange Option	16.14	Put			2,334.31880	2,179.703	21.22	0.9199	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.14	Call			42.61880	47.703	21.22	0.0801	0.00	0	750
\$ / R	On	17/09/2018	Foreign Exchange Option	15.97	Put			2,172.14430	2,018.776	20.90	0.9061	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.97	Call			50.44430	56.776	20.90	0.0939	0.00	0	5,300
\$ / R	On	17/09/2018	Foreign Exchange Option	16.04	Put			2,238.74770	2,084.834	21.04	0.9121	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.04	Call			47.04770	52.834	21.04	0.0879	0.00	0	1,550
\$ / R	On	17/09/2018	Foreign Exchange Option	12.96	Call			980.86980	1,109.799	15.13	0.8758	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.96	Put			92.56980	61.799	15.13	0.1242	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.65	Put			326.88330	250.983	15.99	0.3486	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.65	Call			525.18330	608.983	15.99	0.6514	0.00	0	1,464
\$ / R	On	17/09/2018	Foreign Exchange Option	13.73	Call			484.92700	563.435	16.12	0.6209	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.73	Put			366.62700	285.435	16.12	0.3791	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.61	Call			1,278.18930	1,421.895	14.82	0.9428	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.61	Put			39.88930	23.895	14.82	0.0572	0.00	0	13,231
\$ / R	On	17/09/2018	Foreign Exchange Option	13.36	Call			692.59760	795.936	15.52	0.7580	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.36	Put			204.29760	147.936	15.52	0.2420	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.08	Put			2,276.91870	2,122.714	21.11	0.9153	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.08	Call			45.21870	50.714	21.11	0.0847	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.65	Call			1,242.61300	1,384.915	14.85	0.9369	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.65	Put			44.31300	26.914	14.85	0.0631	0.00	0	1,550
\$ / R	On	17/09/2018	Foreign Exchange Option	13.25	Call			764.98280	876.260	15.38	0.7947	0.00	0	1,250
\$ / R	On	17/09/2018	Foreign Exchange Option	13.25	Put			166.68280	118.260	15.38	0.2053	0.00	0	74,064
\$ / R	On	17/09/2018	Foreign Exchange Option	16.29	Put			2,478.50850	2,322.989	21.51	0.9304	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.29	Call			36.80850	40.989	21.51	0.0696	0.00	0	73,314
\$ / R	On	17/09/2018	Foreign Exchange Option	17.02	Put			3,186.64230	3,030.066	22.44	0.9670	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	17.02	Call			14.94230	18.066	22.44	0.0330	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.00	Call			1,860.95730	2,017.298	17.08	0.9779	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.00	Put			12.65730	9.298	17.08	0.0221	0.00	0	13,300
\$ / R	On	17/09/2018	Foreign Exchange Option	13.30	Put			183.17990	130.812	15.43	0.2214	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.30	Call			731.47990	838.812	15.43	0.7786	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.75	Call			2,106.95600	2,264.447	18.03	0.9848	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.75	Put			8.65600	6.447	18.03	0.0152	0.00	0	93,314
\$ / R	On	17/09/2018	Foreign Exchange Option	12.30	Call			1,568.44890	1,722.582	15.94	0.9650	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.30	Put			20.14890	14.582	15.94	0.0350	0.00	0	100
\$ / R	On	17/09/2018	Foreign Exchange Option	11.50	Call			2,354.25380	2,512.501	18.98	0.9895	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.50	Put			5.95380	4.501	18.98	0.0105	0.00	0	45,000
\$ / R	On	17/09/2018	Foreign Exchange Option	11.85	Call			2,008.36960	2,165.457	17.65	0.9823	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	11.85	Put			10.06960	7.457	17.65	0.0177	0.00	0	48,200
\$ / R	On	17/09/2018	Foreign Exchange Option	13.50	Put			259.23240	193.430	15.75	0.2922	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.50	Call			607.53240	701.430	15.75	0.7078	0.00	0	2,000
\$ / R	On	17/09/2018	Foreign Exchange Option	11.70	Call			2,156.32850	2,313.997	18.22	0.9859	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.70	Put			8.02850	5.997	18.22	0.0141	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.60	Call			2,255.21080	2,413.193	18.60	0.9878	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.60	Put			6.91080	5.193	18.60	0.0122	0.00	0	2,000
\$ / R	On	17/09/2018	Foreign Exchange Option	11.90	Call			1,959.16450	2,116.024	17.46	0.9810	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.90	Put			10.86450	8.024	17.46	0.0190	0.00	0	3,000
\$ / R	On	17/09/2018	Foreign Exchange Option	11.48	Call			2,374.07960	2,532.374	19.05	0.9898	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.48	Put			5.77960	4.374	19.05	0.0102	0.00	0	5,200
\$ / R	On	17/09/2018	Foreign Exchange Option	12.77	Put			59.88550	37.823	14.96	0.0836	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.77	Call			1,138.18550	1,275.823	14.96	0.9164	0.00	0	5,200
\$ / R	On	17/09/2018	Foreign Exchange Option	13.20	Put			151.17840	106.582	15.34	0.1898	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.20	Call			799.47840	914.582	15.34	0.8102	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.80	Put			64.35970	41.026	14.98	0.0894	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.80	Call			1,112.65970	1,249.026	14.98	0.9106	0.00	0	50
\$ / R	On	17/09/2018	Foreign Exchange Option	12.25	Put			18.63260	13.517	16.13	0.0324	0.00	0	40,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.25	Call			1,616.93260	1,771.517	16.13	0.9676	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.88	Call			1,045.81590	1,178.602	15.06	0.8941	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.88	Put			77.51590	50.602	15.06	0.1059	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.48	Call			1,396.14790	1,547.226	15.26	0.9538	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.48	Put			27.84790	19.226	15.26	0.0462	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.68	Call			1,216.17330	1,357.372	14.88	0.9321	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.68	Put			47.87330	29.372	14.88	0.0679	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.58	Call			1,305.10270	1,450.469	14.88	0.9460	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.58	Put			36.80270	22.468	14.88	0.0540	0.00	0	8,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.38	Call			1,491.14890	1,644.478	15.64	0.9604	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.38	Put			22.84890	16.478	15.64	0.0396	0.00	0	60,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.00	Put			100.84960	68.053	15.16	0.1341	0.00	0	10,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.00	Call			949.14960	1,076.053	15.16	0.8659	0.00	0	30,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.22	Call			785.56250	899.150	15.36	0.8040	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.22	Put			157.26250	111.150	15.36	0.1960	0.00	0	26,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.60	Put			303.33060	230.777	15.91	0.3296	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.60	Call			551.63060	638.777	15.91	0.6704	0.00	0	26,000
\$ / R	On	17/09/2018	Foreign Exchange Option	8.17	Call			5,678.30000	5,838.000	22.34	1.0000	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	8.17	Put			0.00000	0.000	22.34	0.0000	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.00	Call			369.97480	428.653	16.55	0.5182	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.00	Put			521.67480	420.653	16.55	0.4818	0.00	0	1,500
\$ / R	On	17/09/2018	Foreign Exchange Option	15.00	Put			1,286.76280	1,146.574	18.91	0.7716	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.00	Call			135.06280	154.574	18.91	0.2284	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.40	Call			1,471.88130	1,624.993	15.57	0.9592	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.40	Put			23.58130	16.993	15.57	0.0408	0.00	0	0
\$ / R	On	25/09/2018	Foreign Exchange Option	16.09	Put			2,281.93110	2,128.454	21.00	0.9043	0.00	0	0
\$ / R	On	25/09/2018	Foreign Exchange Option	16.09	Call			54.83110	61.254	21.00	0.0957	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.25	Put			2,432.96680	2,278.717	21.29	0.9121	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	28/09/2018	Foreign Exchange Option	16.25	Call		51.36680	57.017	21.29	0.0879	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	13.00	Call		983.86730	1,109.914	15.25	0.8540	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.00	Put		115.46730	81.614	15.25	0.1460	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	13.78	Put		412.27630	329.128	16.24	0.3960	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.78	Call		500.67630	577.428	16.24	0.6040	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	13.80	Put		422.93480	338.614	16.27	0.4031	0.00	0	1,000
\$ / R	On	28/09/2018	Foreign Exchange Option	13.80	Call		491.33480	566.914	16.27	0.5969	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.80	Put		2,962.73400	2,806.647	22.30	0.9443	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.80	Call		31.13400	34.947	22.30	0.0557	0.00	0	500
\$ / R	On	02/10/2018	Foreign Exchange Option	12.76	Put		73.15050	49.780	15.04	0.0968	0.00	0	0
\$ / R	On	02/10/2018	Foreign Exchange Option	12.76	Call		1,188.85050	1,325.480	15.04	0.9032	0.00	0	0
\$ / R	On	25/10/2018	Foreign Exchange Option	14.49	Put		904.07490	787.789	17.44	0.5971	0.00	0	0
\$ / R	On	25/10/2018	Foreign Exchange Option	14.49	Call		331.27490	375.589	17.44	0.4029	0.00	0	0
\$ / R	On	29/10/2018	Foreign Exchange Option	15.06	Put		1,354.40130	1,221.266	18.53	0.7189	0.00	0	0
\$ / R	On	29/10/2018	Foreign Exchange Option	15.06	Call		218.90130	246.366	18.53	0.2811	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Call		1,078.67170	1,202.254	15.13	0.8331	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Put		150.57170	113.454	15.13	0.1669	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Put		538.69260	450.051	16.34	0.4335	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Call		536.79260	608.851	16.34	0.5665	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Put		466.75850	384.828	16.13	0.3938	0.00	0	1,000
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Call		594.85850	673.628	16.13	0.6062	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Put		3,144.99960	2,989.255	21.97	0.9238	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Call		53.09960	58.055	21.97	0.0762	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Put		2,618.49720	2,466.611	21.01	0.8907	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Call		76.59720	85.411	21.01	0.1093	0.00	0	500
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Put		108.73840	79.642	14.97	0.1263	0.00	0	0
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Call		1,228.63840	1,360.242	14.97	0.8737	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Call		581.55040	657.685	16.19	0.5896	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Put		504.45040	419.785	16.19	0.4104	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Put		2,937.80810	2,783.730	21.45	0.9088	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Call		64.90810	71.631	21.45	0.0912	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Put		25.10040	19.380	16.35	0.0349	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Call		2,062.20040	2,217.280	16.35	0.9651	0.00	0	0
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Put		1,198.15360	1,072.895	18.00	0.6623	0.00	0	0
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Call		289.65360	325.395	18.00	0.3377	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Put		19.37950	14.893	16.49	0.0265	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Call		2,306.37950	2,462.893	16.49	0.9735	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Call		3,132.20880	3,292.060	18.23	0.9924	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Put		5.20880	4.060	18.23	0.0076	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Put		230.90270	182.593	15.30	0.2273	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Call		967.90270	1,080.593	15.30	0.7727	0.00	0	51,000
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Put		658.80460	565.217	16.48	0.4620	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Call		561.00460	628.817	16.48	0.5380	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Put		3,398.45690	3,242.417	21.99	0.9128	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Call		70.65690	76.017	21.99	0.0872	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Put		2,814.19070	2,663.435	20.88	0.8790	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Call			96.39070	107.035	20.88	0.1210	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Call			1,161.24890	1,283.413	15.09	0.8205	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Put			179.04890	139.813	15.09	0.1795	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Put			499.26670	419.200	16.04	0.3859	0.00	0	1,000
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Call			681.46670	762.800	16.04	0.6141	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Put			1,894.29840	1,756.958	19.26	0.7683	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Call			206.39840	230.658	19.26	0.2317	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Put			433.57460	361.262	15.77	0.3430	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Call			785.67460	874.962	15.77	0.6570	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Put			2,121.72590	1,980.634	19.62	0.7972	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Call			179.22590	199.834	19.62	0.2028	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Call			2,389.90190	2,546.956	15.90	0.9708	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Put			22.40190	17.756	15.90	0.0292	0.00	0	2,764
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Put			3,318.85600	3,163.718	21.62	0.8991	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Put			1,377.35140	1,250.914	18.17	0.6713	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Put			1,091.05850	975.318	17.50	0.6002	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Call			398.55850	444.518	17.50	0.3998	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Call			312.87710	347.902	18.18	0.3269	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Put			1,385.37710	1,258.701	18.18	0.6731	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Call			173.57220	193.476	19.69	0.1972	0.00	0	15,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Call			1,863.93980	2,014.025	15.38	0.9331	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Put			56.43980	44.825	15.38	0.0669	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Call			310.91990	345.701	18.20	0.3252	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Put			1,393.41990	1,266.501	18.20	0.6748	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Call			314.85140	350.114	18.17	0.3287	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Call			326.99130	363.729	18.05	0.3394	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Put			1,715.86740	1,581.778	18.92	0.7363	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Call			243.36740	270.978	18.92	0.2637	0.00	0	29,600
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Call			1,818.43860	1,967.631	15.33	0.9284	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Put			60.93860	48.431	15.33	0.0716	0.00	0	3,300
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Put			2,166.07220	2,024.276	19.69	0.8028	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Call			507.93100	566.817	16.86	0.4829	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Call			1,443.93310	1,580.206	14.92	0.8763	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Put			116.43310	91.006	14.92	0.1237	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Call			769.20530	856.308	15.86	0.6440	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Put			461.70530	387.108	15.86	0.3560	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Put			1,329.49130	1,204.529	18.05	0.6606	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Put			346.35900	283.615	15.47	0.2902	0.00	0	4,080
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Put			1,903.19210	1,766.005	19.26	0.7665	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Call			210.69210	235.205	19.26	0.2335	0.00	0	11,380
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Put			1,732.68270	1,598.472	18.96	0.7391	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Call			240.18270	267.672	18.96	0.2609	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Put			830.43100	727.617	16.86	0.5171	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Put			48.28060	38.300	15.47	0.0582	0.00	0	8,580
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Put			1,441.94380	1,313.628	18.31	0.6851	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Call			299.44380	332.828	18.31	0.3149	0.00	0	27,030

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	13.79	Call			725.12090	808.064	16.00	0.6202	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Put			507.62090	428.864	16.00	0.3798	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Call			903.85900	1,002.815	15.47	0.7098	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Put			42.49430	33.686	15.55	0.0520	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			1,045.81870	1,158.368	15.27	0.7663	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			258.31870	209.168	15.27	0.2337	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Put			502.40530	424.107	15.98	0.3772	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Call			729.90530	813.307	15.98	0.6228	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Call			1,955.78060	2,107.500	15.47	0.9418	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Call			385.94280	430.187	17.59	0.3895	0.00	0	127,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Put			1,017.96010	905.469	17.33	0.5788	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Call			425.46010	474.668	17.33	0.4212	0.00	0	18,900
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Put			1,877.35700	1,740.681	19.22	0.7625	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Call			214.85700	239.881	19.22	0.2375	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Call			2,029.99430	2,182.886	15.55	0.9480	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Call			472.51430	527.296	17.05	0.4571	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Put			701.79420	607.146	16.52	0.4679	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Call			579.29420	646.346	16.52	0.5321	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Put			1,032.43180	919.274	17.36	0.5831	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Call			419.93180	468.474	17.36	0.4169	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Put			1,128.44280	1,010.987	17.59	0.6105	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Put			130.64470	100.265	14.86	0.1343	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Call			2,142.42870	2,296.871	15.66	0.9564	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Put			34.92870	27.671	15.66	0.0436	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Put			1,025.18830	912.361	17.34	0.5810	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Call			422.68830	471.561	17.34	0.4190	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Put			905.01430	798.096	17.05	0.5429	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Put			27.12190	21.485	15.80	0.0347	0.00	0	230,784
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Put			367.96700	302.830	15.55	0.3033	0.00	0	26,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Call			875.46700	972.030	15.55	0.6967	0.00	0	230,784
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Call			2,048.64380	2,201.811	15.57	0.9495	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Put			41.14380	32.611	15.57	0.0505	0.00	0	174,530
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Call			1,388.14470	1,519.465	14.86	0.8657	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Put			106.98190	84.838	14.97	0.1165	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Put			623.35990	535.239	16.32	0.4347	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Call			630.85990	704.439	16.32	0.5653	0.00	0	16,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Call			1,127.62540	1,245.242	15.17	0.7940	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Put			220.12540	176.042	15.17	0.2060	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Call			2,284.62190	2,440.685	15.80	0.9653	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Call			329.06560	366.057	18.04	0.3412	0.00	0	31,600
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Call			1,701.56090	1,848.190	15.21	0.9149	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Put			74.06090	58.990	15.21	0.0851	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Put			1,196.81040	1,076.394	17.74	0.6286	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Call			364.31040	405.594	17.74	0.3714	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Call			1,484.48190	1,624.038	14.97	0.8835	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Call			720.36040	802.847	16.01	0.6176	0.00	0	3,264

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	13.00	Put		191.29750	151.313	15.08	0.1840	0.00	0	190,030
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Call		1,198.79750	1,320.513	15.08	0.8160	0.00	0	7,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Put		268.49070	218.050	15.30	0.2409	0.00	0	7,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Call		1,025.99070	1,137.250	15.30	0.7591	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Put		1,321.56560	1,196.857	18.04	0.6588	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Call		352.86940	392.734	17.83	0.3617	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Put		88.18200	70.414	15.09	0.0992	0.00	0	26,500
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Call		1,595.68200	1,739.614	15.09	0.9008	0.00	0	230,784
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Put		594.73790	508.797	16.24	0.4218	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Call		652.23790	727.997	16.24	0.5782	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Put		512.86040	433.647	16.01	0.3824	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Call		86.35600	92.918	21.62	0.1009	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Call		1,228.01380	1,351.331	15.04	0.8245	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Put		180.51380	142.131	15.04	0.1755	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Put		251.67670	203.378	15.25	0.2290	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Call		1,059.17670	1,172.578	15.25	0.7710	0.00	0	7,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Put		1,235.36940	1,113.534	17.83	0.6383	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Call		1,012.28130	1,121.646	15.33	0.7462	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Put		292.08130	239.745	15.33	0.2538	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Put		1,064.60780	951.381	17.38	0.5864	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Call		424.80780	473.281	17.38	0.4136	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Put		257.62090	209.511	15.25	0.2303	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Call		1,077.82090	1,191.411	15.25	0.7697	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Put		1,131.09070	1,014.918	17.54	0.6049	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Call		401.29070	446.818	17.54	0.3951	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Put		3,007.36410	2,856.488	20.72	0.8704	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Call		115.56410	126.688	20.72	0.1296	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Call		1,242.05680	1,363.587	15.02	0.8121	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Put		203.85680	163.387	15.02	0.1879	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Put		768.56410	671.917	16.55	0.4815	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Call		586.76410	652.117	16.55	0.5185	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Put		525.32010	447.017	15.90	0.3780	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Call		763.52010	847.217	15.90	0.6220	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Put		3,629.81580	3,474.215	21.97	0.9030	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Call		88.01580	94.415	21.97	0.0970	0.00	0	500
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Put		178.62200	141.954	14.94	0.1683	0.00	0	0
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Call		1,320.42200	1,445.854	14.94	0.8317	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Put		212.27340	172.577	14.96	0.1843	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Call		1,354.07340	1,477.377	14.96	0.8157	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Call		1,320.80980	1,442.256	15.00	0.8058	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Put		227.20980	185.656	15.00	0.1942	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Put		892.82590	792.451	16.72	0.5014	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Call		606.42590	669.051	16.72	0.4986	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Put		171.67890	138.679	14.86	0.1556	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Call		1,475.27890	1,605.279	14.86	0.8444	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Put		1,415.53180	1,293.870	17.79	0.6288	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Call			432.33180	474.170	17.79	0.3712	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put			199.48760	162.832	14.84	0.1675	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call			1,513.08760	1,640.432	14.84	0.8325	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call			1,390.17590	1,511.593	14.99	0.8018	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put			246.57590	203.993	14.99	0.1982	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Put			1,000.63530	897.467	16.85	0.5156	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call			624.23530	685.067	16.85	0.4844	0.00	0	500
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call			2,179.32350	2,328.278	13.95	0.9373	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put			63.62350	47.978	13.95	0.0627	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			3,851.88300	4,015.830	16.64	0.9920	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			6.18300	5.530	16.64	0.0080	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Call			843.25080	921.693	16.11	0.5865	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put			717.55080	631.393	16.11	0.4135	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call			2,413.73050	2,567.957	13.65	0.9602	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put			38.03050	27.657	13.65	0.0398	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call			1,607.83660	1,736.592	14.74	0.8420	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put			192.13660	156.292	14.74	0.1580	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put			416.56480	357.444	15.36	0.2877	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call			1,142.26480	1,247.744	15.36	0.7123	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call			2,694.92270	2,853.616	13.32	0.9785	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put			19.22270	13.316	13.32	0.0215	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put			1,498.90350	1,377.378	17.78	0.6231	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call			474.60350	517.678	17.78	0.3769	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call			2,469.14780	2,624.403	13.59	0.9645	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put			33.44780	24.103	13.59	0.0355	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			982.31830	881.482	16.73	0.4993	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			678.01830	741.782	16.73	0.5007	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put			867.08860	772.187	16.47	0.4643	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Call			742.78860	812.487	16.47	0.5357	0.00	0	500
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call			981.51110	1,071.316	15.67	0.6497	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put			555.81110	481.017	15.67	0.3503	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put			1,317.45690	1,202.241	17.42	0.5851	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call			533.15690	582.541	17.42	0.4149	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call			0.00000	1,014.009	15.83	0.6263	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put			0.00000	533.709	15.83	0.3737	384,803.90	721	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call			1,136.32110	1,241.434	15.36	0.7103	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put			420.62110	361.134	15.36	0.2897	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put			1,695.71330	1,568.722	18.17	0.6593	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call			421.41330	459.022	18.17	0.3407	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call			450.27810	490.865	17.95	0.3605	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put			1,584.57810	1,460.565	17.95	0.6395	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put			0.00000	1,639.524	18.30	0.6715	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call			0.00000	439.824	18.30	0.3285	317,113.39	721	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call			0.00000	1,970.727	14.41	0.8872	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put			0.00000	100.427	14.41	0.1128	72,407.65	721	721
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call			448.14410	488.507	17.97	0.3591	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put			1,592.44410	1,468.207	17.97	0.6409	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call			446.01770	486.163	17.98	0.3576	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put			1,600.31770	1,475.863	17.98	0.6424	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put			85.51350	65.731	14.05	0.0799	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call			2,067.31350	2,212.431	14.05	0.9201	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put			265.54850	222.330	14.99	0.2015	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call			1,460.94850	1,582.630	14.99	0.7985	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put			1,115.32490	1,009.473	16.99	0.5291	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Call			640.72490	699.773	16.99	0.4709	0.00	0	500
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put			283.00600	237.973	15.02	0.2107	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call			1,435.50600	1,555.573	15.02	0.7893	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call			1,537.17630	1,659.748	14.99	0.7962	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put			284.07630	240.348	14.99	0.2038	0.00	0	3,000
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put			460.24710	400.001	15.38	0.2925	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call			1,223.34710	1,329.401	15.38	0.7075	0.00	0	2,500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put			1,242.86520	1,133.966	17.13	0.5425	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call			655.96520	713.366	17.13	0.4575	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put			260.21090	218.230	14.90	0.1900	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call			1,593.31090	1,717.630	14.90	0.8100	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put			347.01910	298.788	15.13	0.2288	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call			1,516.11910	1,635.688	15.13	0.7712	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call			1,610.59480	1,731.849	14.95	0.7953	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put			301.49480	254.949	14.95	0.2047	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put			1,370.51940	1,259.016	17.27	0.5544	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call			669.61940	725.916	17.27	0.4456	0.00	0	500
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Put			81.30680	59.620	13.05	0.0706	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call			2,255.80680	2,402.120	13.05	0.9294	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Call			3,654.79820	3,822.883	14.56	0.9868	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put			10.39820	9.983	14.56	0.0132	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call			2,159.02510	2,304.611	13.31	0.9110	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put			104.62510	81.711	13.31	0.0890	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put			1,081.49360	982.162	16.69	0.4805	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Call			545.50270	588.343	18.02	0.3690	0.00	0	12,450
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call			914.06240	988.711	16.41	0.5547	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put			949.66240	855.811	16.41	0.4453	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call			910.17130	984.570	16.43	0.5530	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put			955.77130	861.670	16.43	0.4470	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call			560.75220	605.017	17.93	0.3778	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call			917.97080	992.865	16.40	0.5564	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put			943.57080	849.965	16.40	0.4436	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call			1,124.41410	1,214.901	15.74	0.6416	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put			670.01410	592.001	15.74	0.3584	0.00	0	12,450
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put			1,831.10270	1,705.443	18.02	0.6310	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put			302.72080	254.915	14.90	0.2015	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put			2,069.84270	1,939.948	18.42	0.6661	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call			484.24270	522.848	18.42	0.3339	0.00	0	911

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call			1,148.48700	1,240.698	15.68	0.6507	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put			644.08700	567.798	15.68	0.3493	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put			1,776.35220	1,652.117	17.93	0.6222	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call			508.54770	547.929	18.26	0.3475	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call			1,484.18340	1,600.757	15.20	0.7545	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put			389.78340	337.857	15.20	0.2455	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put			1,240.83490	1,134.773	16.99	0.5190	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call			755.23490	817.673	16.99	0.4810	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call			1,657.12080	1,777.815	14.90	0.7985	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call			835.89360	905.062	16.69	0.5195	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put			351.27800	302.910	15.12	0.2271	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Call			1,555.67800	1,675.810	15.12	0.7729	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call			1,811.58840	1,937.458	14.38	0.8387	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put			227.18840	184.558	14.38	0.1613	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put			1,974.14770	1,845.029	18.26	0.6525	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put			1,490.24030	1,375.687	17.39	0.5648	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call			679.94030	734.587	17.39	0.4352	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put			315.89260	265.157	14.87	0.2044	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call			1,675.59260	1,794.057	14.87	0.7956	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put			380.01020	329.978	15.16	0.2367	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call			1,555.11020	1,674.478	15.16	0.7633	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put			0.00000	2,356.597	18.92	0.7103	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Call			0.00000	454.797	18.92	0.2897	17,850,774.40	39,250	39,250
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call			0.00000	1,509.013	15.36	0.7200	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put			0.00000	420.813	15.36	0.2800	16,516,925.95	39,250	39,250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			337.67570	285.682	14.93	0.2076	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			1,742.47570	1,860.382	14.93	0.7924	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,632.72100	1,515.176	17.61	0.5746	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			697.52100	749.876	17.61	0.4254	0.00	0	500
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			420.99990	368.218	15.26	0.2467	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			1,586.99990	1,704.218	15.26	0.7533	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put			356.83270	302.312	14.93	0.2098	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call			1,800.23270	1,914.912	14.93	0.7902	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put			1,782.72580	1,663.692	17.84	0.5860	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call			706.12580	756.292	17.84	0.4140	0.00	0	500
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put			461.44400	406.873	15.35	0.2559	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call			1,618.64400	1,733.173	15.35	0.7441	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call			1,543.93150	1,652.626	15.50	0.7177	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put			538.73150	478.626	15.50	0.2823	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			3,736.27130	3,903.711	14.45	0.9784	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			21.07130	19.711	14.45	0.0216	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Call			2,164.60210	2,294.817	13.87	0.8665	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put			199.40210	160.817	13.87	0.1335	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call			1,549.78010	1,658.765	15.49	0.7193	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put			534.58010	474.765	15.49	0.2807	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put			2,058.27770	1,933.828	18.24	0.6195	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call			653.47770	697.828	18.24	0.3805	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call			1,555.64690	1,664.928	15.48	0.7208	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put			530.44690	470.928	15.48	0.2792	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Put			1,916.77420	1,797.051	18.01	0.5936	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Call			719.97420	768.751	18.01	0.4064	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Put			371.65570	317.201	14.90	0.2113	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Call			1,854.85570	1,968.901	14.90	0.7887	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Put			496.65210	440.600	15.42	0.2626	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Call			1,652.45210	1,764.800	15.42	0.7374	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Put			2,074.63660	1,953.972	18.22	0.6034	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Call			727.73660	774.772	18.22	0.3966	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put			538.99130	480.694	15.49	0.2716	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Call			1,672.09130	1,781.495	15.49	0.7284	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Call			1,913.21450	2,023.984	14.92	0.7871	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Put			390.11450	333.184	14.92	0.2129	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call			738.53760	784.403	18.38	0.3901	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put			403.62700	347.815	14.93	0.2141	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call			1,964.02700	2,075.215	14.93	0.7859	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put			2,208.13760	2,087.003	18.38	0.6099	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put			577.90920	518.580	15.55	0.2784	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call			1,702.20920	1,809.780	15.55	0.7216	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put			5,694.50720	5,549.162	22.33	0.8412	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call			273.00720	294.262	22.33	0.1588	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call			812.05660	862.087	18.13	0.4167	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put			2,043.55660	1,926.987	18.13	0.5833	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call			809.63510	859.486	18.14	0.4157	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put			2,051.13510	1,934.385	18.14	0.5843	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call			814.48730	864.692	18.12	0.4177	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put			2,035.98730	1,919.592	18.12	0.5823	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put			417.99840	364.441	14.97	0.2155	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call			2,019.59840	2,132.241	14.97	0.7845	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Put			2,357.25240	2,235.632	18.53	0.6169	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call			748.85240	793.432	18.53	0.3831	0.00	0	500
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put			617.08960	556.831	15.63	0.2847	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call			1,731.28960	1,837.131	15.63	0.7153	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put			654.58930	593.704	15.70	0.2906	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call			1,756.08930	1,860.604	15.70	0.7094	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put			692.14250	630.126	15.74	0.2959	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call			1,783.54250	1,886.126	15.74	0.7041	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put			730.07430	667.086	15.80	0.3008	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call			1,811.37430	1,912.186	15.80	0.6992	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put			765.49120	701.709	15.84	0.3055	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call			1,831.49120	1,930.909	15.84	0.6945	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put			804.68560	739.562	15.89	0.3096	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call			1,864.48560	1,961.662	15.89	0.6904	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Call			1,297.35470	1,365.916	17.41	0.5282	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	12/06/2020	Foreign Exchange Option	15.16	Put			1,644.75470	1,551.216	17.41	0.4718	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			1,293.93840	1,362.311	17.41	0.5272	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,651.33840	1,557.611	17.41	0.4728	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			1,290.52430	1,358.709	17.42	0.5261	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put			1,657.92430	1,564.009	17.42	0.4739	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,788.60580	1,693.343	17.62	0.4809	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			1,321.40580	1,388.743	17.62	0.5191	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			1,447.31430	1,519.341	17.67	0.5371	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,765.11430	1,672.041	17.67	0.4629	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			1,443.86920	1,515.718	17.68	0.5361	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,771.66920	1,678.418	17.68	0.4639	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Call			1,450.76920	1,522.975	17.66	0.5381	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Put			1,758.56920	1,665.675	17.66	0.4619	0.00	0	0
Total \$ / R Option												37,026,469.29	120,663	3,115,628
Total \$ / R												1,632,266,229.69	234,564	3,929,129
\$ / R MAXI	On	17/09/2018	Foreign Exchange Future			14.00800		13.84830			0.0000	518,296.00	37	350
\$ / R MAXI	On	14/12/2018	Foreign Exchange Future			14.16920		14.00750			0.0000	70,846.00	5	15
\$ / R MAXI	On	14/06/2019	Foreign Exchange Future			14.50290		14.33440			0.0000	0.00	0	0
Total \$ / R MAXI Future												589,142.00	42	365
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.01	Call			36,630.85560	42,440.380	16.58	0.5144	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.01	Put			52,800.85560	42,640.380	16.58	0.4856	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.02	Call			36,267.63320	42,019.496	16.60	0.5107	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.02	Put			53,437.63320	43,219.496	16.60	0.4893	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.00	Call			36,997.47860	42,865.290	16.55	0.5182	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.00	Put			52,167.47860	42,065.290	16.55	0.4818	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Put			187,735.70340	174,068.140	19.22	0.7625	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Call			21,485.70340	23,988.140	19.22	0.2375	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Call			29,024.87310	32,250.676	18.41	0.3066	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Put			148,274.87310	135,330.676	18.41	0.6934	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Call			28,844.78160	32,048.705	18.42	0.3049	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Put			149,094.78160	136,128.704	18.42	0.6951	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Call			29,206.24430	32,454.410	18.39	0.3082	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Put			147,456.24430	134,534.410	18.39	0.6918	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Call			91,406.23510	98,871.126	16.41	0.5547	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Put			94,966.23510	85,581.126	16.41	0.4453	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Call			91,017.13010	98,457.026	16.43	0.5530	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Put			95,577.13010	86,167.026	16.43	0.4470	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.36	Call			91,797.07540	99,286.492	16.40	0.5564	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.36	Put			94,357.07540	84,996.492	16.40	0.4436	0.00	0	0
Total \$ / R MAXI Option												0.00	0	0
Total \$ / R MAXI												589,142.00	42	365

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 Future			18.45970		18.34180			0.0000	18,625,837.30	1,009	226,336
£ / R	On	14/12/2018	Foreign Exchange Future			18.74850		18.62880			0.0000	9,374,250.00	500	7,437
£ / R	On	18/03/2019	Foreign Exchange Future			19.06340		18.93910			0.0000	0.00	0	4,932
£ / R	On	14/06/2019	Foreign Exchange Future			19.36410		19.23500			0.0000	0.00	0	6,543
Total £ / R Future												28,000,087.30	1,509	245,248
£ / R	On	17/09/2018	Foreign Exchange Option	18.25	Call			572.31020	629.848	15.41	0.5780	0.00	0	0
£ / R	On	17/09/2018	Foreign Exchange Option	18.25	Put			480.51020	420.148	15.41	0.4220	0.00	0	0
£ / R	On	17/09/2018	Foreign Exchange Option	18.26	Call			567.42290	624.574	15.42	0.5750	0.00	0	0
£ / R	On	17/09/2018	Foreign Exchange Option	18.26	Put			485.62290	424.874	15.42	0.4250	0.00	0	0
£ / R	On	17/09/2018	Foreign Exchange Option	18.24	Call			577.22830	635.149	15.41	0.5811	0.00	0	0
£ / R	On	17/09/2018	Foreign Exchange Option	18.24	Put			475.42830	415.449	15.41	0.4189	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Call			1,031.00470	1,103.474	15.13	0.6503	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Put			522.20470	474.974	15.13	0.3497	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Call			1,025.45760	1,097.664	15.13	0.6482	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Put			526.65760	479.164	15.13	0.3518	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Call			1,036.57400	1,109.311	15.12	0.6523	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Put			517.77400	470.811	15.12	0.3477	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Call			1,338.18350	1,413.415	15.70	0.6462	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Put			699.08350	650.015	15.70	0.3538	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Call			1,332.80710	1,407.817	15.71	0.6446	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Put			703.70710	654.417	15.71	0.3554	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Call			1,343.58310	1,419.025	15.70	0.6478	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Put			694.48310	645.625	15.70	0.3522	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call			1,522.05520	1,599.785	16.22	0.6268	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put			917.05520	865.685	16.22	0.3732	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Call			1,516.99380	1,594.536	16.22	0.6255	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put			921.99380	870.436	16.22	0.3745	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call			1,527.13090	1,605.049	16.21	0.6281	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put			912.13090	860.949	16.21	0.3719	0.00	0	0
Total £ / R Option												0.00	0	0
Total £ / R												28,000,087.30	1,509	245,248
¥ / R	On	17/09/2018	Foreign Exchange Future			0.12711		0.12572			0.0000	0.00	0	115
¥ / R	On	14/12/2018	Foreign Exchange Future			0.12944		0.12804			0.0000	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Future			0.13453		0.13302			0.0000	0.00	0	0
Total ¥ / R Future												0.00	0	115
¥ / R	On	17/09/2018	Foreign Exchange Option	0.13	Call			279.11430	314.939	18.87	0.4146	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.13	Put			707.01430	603.639	18.87	0.5854	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.14	Call			100.78290	109.338	21.17	0.1724	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.14	Put			1,528.68290	1,398.038	21.17	0.8276	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.12	Call			727.55960	822.544	15.94	0.7948	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.12	Put			155.45960	111.244	15.94	0.2052	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Call			1,041.71070	1,135.855	16.06	0.7751	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Put			238.11070	191.555	16.06	0.2249	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Call			566.14600	618.389	18.57	0.5112	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Put			762.54600	674.089	18.57	0.4888	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Call			1,829.15760	1,970.502	14.90	0.9530	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Put			25.55760	26.202	14.90	0.0470	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Call			1,105.53140	1,171.670	18.06	0.6112	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			803.13140	718.970	18.06	0.3888	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			739.32340	785.587	19.44	0.4540	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			1,436.92340	1,332.887	19.44	0.5460	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			1,614.61270	1,720.027	16.00	0.7912	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			312.21270	267.327	16.00	0.2088	0.00	0	0
Total ¥ / R Option												0.00	0	0
Total ¥ / R												0.00	0	115
€ / R	On	16/07/2018	Foreign Exchange Future			16.14860		16.04580			0.0000	0.00	0	34
€ / R	On	17/07/2018	Foreign Exchange Future			16.15180		16.04910			0.0000	0.00	0	0
€ / R	On	31/07/2018	Foreign Exchange Future			16.19690		16.09620			0.0000	0.00	0	33
€ / R	On	17/09/2018	Foreign Exchange Future			16.35760		16.25670			0.0000	9,160,256.00	560	135,180
€ / R	On	25/09/2018	Foreign Exchange Future			16.38520		16.28420			0.0000	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Future			16.66250		16.56040			0.0000	8,331,250.00	500	19,006
€ / R	On	18/03/2019	Foreign Exchange Future			17.00090		16.89600			0.0000	0.00	0	4,808
€ / R	On	14/06/2019	Foreign Exchange Future			17.32500		17.21670			0.0000	0.00	0	5,256
Total € / R Future												17,491,506.00	1,060	164,317
€ / R	On	16/07/2018	Foreign Exchange Option	14.70	Put			3.48940	1.699	20.08	0.0080	0.00	0	0
€ / R	On	16/07/2018	Foreign Exchange Option	14.70	Call			1,349.28940	1,450.299	20.08	0.9920	0.00	0	0
€ / R	On	17/07/2018	Foreign Exchange Option	15.63	Put			62.71500	37.024	15.35	0.1421	0.00	0	10,000
€ / R	On	17/07/2018	Foreign Exchange Option	15.63	Call			481.81500	558.824	15.35	0.8579	0.00	0	0
€ / R	On	31/07/2018	Foreign Exchange Option	15.21	Put			32.53640	23.770	15.61	0.0734	0.00	0	0
€ / R	On	31/07/2018	Foreign Exchange Option	15.21	Call			918.73640	1,010.670	15.61	0.9266	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	15.85	Call			680.51000	737.687	14.84	0.6902	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.12	Call			211.99820	228.117	17.07	0.2940	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	14.25	Put			13.31190	9.767	15.23	0.0224	0.00	0	86,688
€ / R	On	17/09/2018	Foreign Exchange Option	16.00	Call			595.97650	647.284	15.04	0.6385	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.00	Put			339.27650	289.684	15.04	0.3615	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.76	Put			799.69610	722.619	16.34	0.6127	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.76	Call			296.39610	320.219	16.34	0.3873	0.00	0	29,734
€ / R	On	17/09/2018	Foreign Exchange Option	17.10	Put			1,059.33990	974.859	17.03	0.7014	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	15.85	Put			273.81000	230.087	14.84	0.3098	0.00	0	86,824
€ / R	On	17/09/2018	Foreign Exchange Option	19.56	Put			3,322.37190	3,221.285	20.54	0.9677	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	19.56	Call			19.07190	18.885	20.54	0.0323	0.00	0	86,824
€ / R	On	17/09/2018	Foreign Exchange Option	17.11	Call			214.01070	230.278	17.05	0.2963	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.11	Put			1,067.31070	982.678	17.05	0.7037	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	21.63	Call			3.60970	4.021	24.21	0.0070	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			2,762.74640	2,862.548	18.38	0.9897	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	13.50	Put			6.04640	4.948	18.38	0.0103	0.00	0	29,734
€ / R	On	17/09/2018	Foreign Exchange Option	14.25	Call			2,020.01190	2,117.367	15.23	0.9776	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.12	Put			1,075.29820	990.517	17.07	0.7060	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.10	Call			216.03990	232.459	17.03	0.2986	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	21.63	Put			5,376.90970	5,276.422	24.21	0.9930	0.00	0	0
€ / R	On	25/09/2018	Foreign Exchange Option	16.09	Put			392.14920	340.411	15.15	0.3877	0.00	0	0
€ / R	On	25/09/2018	Foreign Exchange Option	16.09	Call			586.34920	635.611	15.15	0.6123	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Call			314.29810	330.398	17.31	0.2887	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Put			1,653.89810	1,567.898	17.31	0.7113	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Call			317.92800	334.265	17.28	0.2916	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Put			1,637.52800	1,551.765	17.28	0.7084	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Call			316.10720	332.325	17.30	0.2901	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Put			1,645.70720	1,559.825	17.30	0.7099	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			1,251.13640	1,311.566	14.42	0.6892	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			485.13640	440.666	14.42	0.3108	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call			1,245.53960	1,305.429	14.42	0.6874	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put			489.53960	444.529	14.42	0.3126	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call			1,239.95950	1,299.317	14.43	0.6855	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Put			493.95950	448.417	14.43	0.3145	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call			1,189.48180	1,242.263	15.03	0.6006	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put			842.78180	787.263	15.03	0.3994	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Call			1,184.98840	1,237.591	15.04	0.5990	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put			848.28840	792.591	15.04	0.4010	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call			1,193.99900	1,246.954	15.01	0.6022	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put			837.29900	781.954	15.01	0.3978	0.00	0	0
Total € / R Option												0.00	0	329,804
Total € / R												17,491,506.00	1,060	494,121
AU\$ / R	On	17/09/2018	Foreign Exchange Future			10.28020		10.23380			0.0000	0.00	0	12,355
AU\$ / R	On	14/12/2018	Foreign Exchange Future			10.40590		10.35800			0.0000	0.00	0	11,412
AU\$ / R	On	18/03/2019	Foreign Exchange Future			10.54420		10.49380			0.0000	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Future			10.67860		10.62550			0.0000	0.00	0	4,929
Total AU\$ / R Future												0.00	0	28,696
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.11	Call			43.90370	47.920	15.00	0.1374	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.11	Put			920.10370	877.720	15.00	0.8626	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.12	Call			43.04950	46.981	15.03	0.1350	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.12	Put			929.24950	886.781	15.03	0.8650	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.13	Call			42.21250	46.059	15.06	0.1327	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.13	Put			938.41250	895.859	15.06	0.8673	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Put			1,217.17180	1,176.827	14.88	0.8265	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Call			87.35370	95.082	14.84	0.1773	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Put			1,199.35370	1,159.182	14.84	0.8227	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Call			86.25640	93.897	14.86	0.1754	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Put			1,208.25640	1,167.997	14.86	0.8246	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Call			85.17180	92.727	14.88	0.1735	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			390.02550	367.304	13.05	0.4113	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Call			528.91720	556.410	13.06	0.5852	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Put			395.11720	372.210	13.06	0.4148	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Call			524.04470	551.349	13.07	0.5817	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Put			400.24470	377.149	13.07	0.4183	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			533.82550	561.504	13.05	0.5887	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Put			812.34250	778.793	14.20	0.5602	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Call			424.68660	444.113	14.22	0.4373	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Put			819.18660	785.513	14.22	0.5627	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Call			431.01760	450.702	14.19	0.4423	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Put			805.51760	772.102	14.19	0.5577	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Call			427.84250	447.393	14.20	0.4398	0.00	0	0
Total AU\$ / R Option												0.00	0	0
Total AU\$ / R												0.00	0	28,696
CAD/ R	On	14/12/2018	Foreign Exchange Future			10.76720		10.67720			0.0000	0.00	0	500
Total CAD/ R Future												0.00	0	500
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Call			1,237.32930	1,321.386	13.58	0.9251	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Put			40.12930	34.186	13.58	0.0749	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Call			1,228.05770	1,312.003	13.55	0.9239	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Put			40.85770	34.803	13.55	0.0761	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Call			1,246.61210	1,330.781	13.60	0.9264	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Put			39.41210	33.581	13.60	0.0736	0.00	0	0
Total CAD/ R Option												0.00	0	0
Total CAD/ R												0.00	0	500
CHF / R	On	17/09/2018	Foreign Exchange Future			14.17060		14.03960			0.0000	0.00	0	1,215
CHF / R	On	14/12/2018	Foreign Exchange Future			14.44970		14.31630			0.0000	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Future			15.05890		14.91660			0.0000	0.00	0	0
Total CHF / R Future												0.00	0	1,215
CHF / R	On	17/09/2018	Foreign Exchange Option	15.03	Call			131.11430	148.577	17.01	0.2375	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.03	Put			1,121.51430	1,007.977	17.01	0.7625	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.04	Call			129.76520	147.015	17.04	0.2352	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.04	Put			1,130.16520	1,016.415	17.04	0.7648	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.05	Call			128.43380	145.472	17.07	0.2330	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.05	Put			1,138.83380	1,024.872	17.07	0.7670	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Call			1,263.70950	1,374.673	14.69	0.8308	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Put			157.40950	134.973	14.69	0.1692	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			1,255.81900	1,366.530	14.69	0.8289	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			159.51900	136.830	14.69	0.1711	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			1,271.62140	1,382.835	14.70	0.8327	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			155.32140	133.135	14.70	0.1673	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			980.67170	1,057.611	15.17	0.5901	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			784.07170	718.711	15.17	0.4099	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			976.22630	1,052.890	15.18	0.5883	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			789.62630	723.990	15.18	0.4117	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			971.79430	1,048.183	15.19	0.5865	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			795.19430	729.283	15.19	0.4135	0.00	0	0
Total CHF / R Option												0.00	0	0
Total CHF / R												0.00	0	1,215
CNH / R	On	17/09/2018	Foreign Exchange Future			2.08990		2.08350			0.0000	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Future			2.10920		2.10110			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.14790		2.13840			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			374.01680	385.924	14.59	0.4012	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.13	Put			839.01680	786.924	14.59	0.5988	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.14	Call			343.89750	354.344	14.72	0.3757	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.14	Put			908.89750	855.344	14.72	0.6243	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.15	Call			316.02350	325.131	14.84	0.3513	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.15	Put			981.02350	926.131	14.84	0.6487	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Put			142.83770	130.122	14.12	0.1255	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Call			2,068.66400	2,135.704	14.06	0.8636	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Put			157.66400	143.704	14.06	0.1364	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Call			1,984.72620	2,050.444	14.01	0.8520	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Put			173.72620	158.444	14.01	0.1480	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Call			2,153.83770	2,222.122	14.12	0.8745	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			2,125.49210	2,191.242	14.52	0.7408	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			541.49210	512.242	14.52	0.2592	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			2,058.86570	2,122.991	14.53	0.7290	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			574.86570	543.991	14.53	0.2710	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			2,193.41590	2,260.772	14.52	0.7523	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			509.41590	481.772	14.52	0.2477	0.00	0	0
Total CNH / R Option												0.00	0	0
Total CNH / R												0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Future			2.20240		2.19090			0.0000	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Future			2.24540		2.23340			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.33390		2.32170			0.0000	0.00	0	0
Total DKK / R Future												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	2.35	Call			165.85900	180.728	16.26	0.2030	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.35	Put			1,756.85900	1,656.728	16.26	0.7970	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.36	Call			151.74060	165.889	16.36	0.1889	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.36	Put			1,842.74060	1,741.889	16.36	0.8111	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.37	Call			138.74790	152.220	16.46	0.1756	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.37	Put			1,929.74790	1,828.220	16.46	0.8244	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Put			256.96610	232.076	13.84	0.1924	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Call			1,716.31120	1,809.409	13.85	0.7929	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Put			282.31120	255.409	13.85	0.2071	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Call			1,643.36560	1,734.380	13.87	0.7778	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Put			309.36560	280.380	13.87	0.2222	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Call			1,790.96610	1,886.076	13.84	0.8076	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			2,412.99640	2,500.836	15.07	0.7466	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			595.99640	561.836	15.07	0.2534	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			2,345.57360	2,432.958	15.09	0.7361	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			628.57360	593.958	15.09	0.2639	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			2,279.29880	2,366.247	15.10	0.7256	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			662.29880	627.247	15.10	0.2744	0.00	0	0
Total DKK / R Option												0.00	0	0
Total DKK / R												0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Future			1.78770		1.76740			0.0000	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Future			1.81100		1.79030			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			1.85790		1.83640			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			282.49600	328.646	17.66	0.3513	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.85	Put			1,108.49600	951.646	17.66	0.6487	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.86	Call			260.50170	302.807	17.84	0.3289	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.86	Put			1,186.50170	1,025.807	17.84	0.6711	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.84	Call			306.49190	356.611	17.49	0.3749	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.84	Put			1,032.49190	879.611	17.49	0.6251	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Call			2,291.85100	2,480.390	15.59	0.9214	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Put			88.85100	70.390	15.59	0.0786	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Call			2,202.53360	2,388.306	15.48	0.9135	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Put			99.53360	78.306	15.48	0.0865	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Call			2,382.14510	2,573.191	15.71	0.9286	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Put			79.14510	63.191	15.71	0.0714	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			1,531.66380	1,656.694	15.63	0.6669	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			767.66380	677.694	15.63	0.3331	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			1,481.12170	1,602.755	15.72	0.6528	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			817.12170	723.755	15.72	0.3472	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			1,583.81390	1,712.274	15.54	0.6811	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			719.81390	633.274	15.54	0.3189	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 HK\$/R Option												0.00	0	0
Total HK\$/R												0.00	0	0
KES / R	On	17/09/2018	Foreign Exchange Future			0.13680		0.13550			0.0000	0.00	0	562
KES / R	On	14/12/2018	Foreign Exchange Future			0.13530		0.13510			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.13530		0.13370			0.0000	0.00	0	1,093
Total KES / R Future												0.00	0	1,655
Total KES / R												0.00	0	1,655
NOK/R	On	17/09/2018	Foreign Exchange Future			1.71770		1.70690			0.0000	0.00	0	0
NOK/R	On	14/12/2018	Foreign Exchange Future			1.74370		1.73270			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.79720		1.78550			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			9.38960		9.37520			0.0000	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Future			9.50230		9.48740			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			9.74600		9.72950			0.0000	0.00	0	0
Total NZ\$ / R Future												0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.92	Call			89.51160	89.269	15.69	0.2338	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.92	Put			634.31160	619.669	15.69	0.7662	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.93	Call			87.78010	87.521	15.72	0.2300	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.93	Put			642.58010	627.921	15.72	0.7700	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.94	Call			86.08210	85.806	15.75	0.2262	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.94	Put			650.88210	636.206	15.75	0.7738	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Call			688.61690	698.249	13.67	0.7648	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Put			131.21690	125.949	13.67	0.2352	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Call			681.31960	690.888	13.67	0.7610	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Put			133.91960	128.588	13.67	0.2390	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Call			695.95190	705.652	13.67	0.7685	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Put			128.55190	123.352	13.67	0.2315	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			499.98200	505.411	15.40	0.4829	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			690.48200	679.411	15.40	0.5171	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			496.30400	501.685	15.41	0.4803	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			696.80400	685.685	15.41	0.5197	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			503.68570	509.163	15.38	0.4855	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			684.18570	673.163	15.38	0.5145	0.00	0	0
Total NZ\$ / R Option												0.00	0	0
Total NZ\$ / R												0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
PULA / R	On	17/09/2018	Foreign Exchange Future			1.33830		1.32290			0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Future			1.34740		1.33170			0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Future			1.36520		1.34920			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			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.37	Put			471.00000	317.000		1.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.38	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.38	Put			571.00000	417.000		1.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.36	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.36	Put			371.00000	217.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Call			717.00000	874.000		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			617.00000	774.000		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			817.00000	974.000		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	14/06/2019	Foreign Exchange Option	1.32	Call			292.00000	452.000		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			192.00000	352.000		1.0000	0.00	0	0
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			392.00000	552.000		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			1.31780		1.32450			0.0000	0.00	0	0
Total QUANTO £ / \$ Future												0.00	0	0
Total QUANTO £ / \$												0.00	0	0
QUANTO €	On	17/09/2018	Foreign Exchange Future			1.16770		1.17390			0.0000	3,226,355.10	2,763	260
Total QUANTO € / \$ Future												3,226,355.10	2,763	260
Total QUANTO € / \$												3,226,355.10	2,763	260
R / ¥EN	On	17/09/2018	Foreign Exchange Future			7.86700	0.12527	7.95410			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		0.12527	401.00650	221.851	14.50	0.0932	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.61	Put		0.12527	6,960.00650	7,651.851	14.50	0.9068	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.62	Call		0.12527	385.24330	210.415	14.45	0.0894	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.62	Put		0.12527	7,044.24330	7,740.415	14.45	0.9106	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.60	Call		0.12527	417.23300	233.733	14.56	0.0970	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 / ¥EN	On	17/09/2018	Foreign Exchange Option	8.60	Put		0.12527	6,876.23300	7,563.733	14.56	0.9030	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.17	Call		0.12527	1,629.36930	1,236.690	16.75	0.3254	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.17	Put		0.12527	3,788.36930	4,266.690	16.75	0.6746	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			10.23390		10.17110			0.0000	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Future			10.37270		10.30930			0.0000	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Future			10.66120		10.59250			0.0000	0.00	0	0
Total SGD / R Future												0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.00	Call			351.62310	388.921	13.76	0.6544	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.00	Put			180.52310	155.021	13.76	0.3456	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.01	Call			345.92370	382.853	13.78	0.6485	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.01	Put			184.82370	158.953	13.78	0.3515	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	9.99	Call			357.38500	395.051	13.75	0.6604	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	9.99	Put			176.28500	151.151	13.75	0.3396	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Call			1,004.63860	1,059.025	13.31	0.8811	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Put			65.33860	56.325	13.31	0.1189	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Call			996.21250	1,050.435	13.31	0.8787	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Put			66.91250	57.735	13.31	0.1213	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Call			1,013.09340	1,067.643	13.31	0.8835	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Put			63.79340	54.943	13.31	0.1165	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Put			316.59780	291.999	13.90	0.2971	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Call			911.78740	956.288	13.90	0.7080	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Put			309.28740	285.088	13.90	0.2920	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Call			905.42870	949.731	13.90	0.7055	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Put			312.92870	288.531	13.90	0.2945	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Call			899.09780	943.199	13.90	0.7029	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			2.93740		2.92740			0.0000	0.00	0	12,775
TRY / R	On	14/12/2018	Foreign Exchange Future			2.86380		2.85300			0.0000	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Future			2.71550		2.70650			0.0000	0.00	0	0
Total TRY / R Future												0.00	0	12,775
TRY / R	On	17/09/2018	Foreign Exchange Option	3.36	Call			10.14150	10.224	20.51	0.0839	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.36	Put			442.74150	432.824	20.51	0.9161	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.37	Call			9.55030	9.603	20.54	0.0794	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.37	Put			452.15030	442.203	20.54	0.9206	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.35	Call			10.76740	10.882	20.48	0.0885	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.35	Put			433.36740	423.482	20.48	0.9115	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	2.97	Call			98.00570	102.018	19.08	0.4130	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Put			215.00570	208.218	19.08	0.5870	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Call			94.65350	98.553	19.09	0.4030	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Put			221.65350	214.753	19.09	0.5970	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Call			101.45360	105.580	19.06	0.4232	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Put			208.45360	201.780	19.06	0.5768	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Call			28.24960	28.900	20.80	0.1167	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Put			851.74960	843.400	20.80	0.8833	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Call			27.46220	28.095	20.80	0.1139	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Put			860.96220	852.595	20.80	0.8861	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Call			29.05760	29.726	20.80	0.1194	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Put			842.55760	834.226	20.80	0.8806	0.00	0	0
Total TRY / R Option												0.00	0	0
Total TRY / R												0.00	0	12,775
ZMW / R	On	17/09/2018	Foreign Exchange Future			1.34690		1.33140			0.0000	0.00	0	0
ZMW / R	On	14/12/2018	Foreign Exchange Future			1.29870		1.28400			0.0000	0.00	0	0
ZMW / R	On	14/06/2019	Foreign Exchange Future			1.21530		1.20160			0.0000	0.00	0	0
Total ZMW / R Future												0.00	0	0
Total ZMW / R												0.00	0	0
Total Futures												1 644 546 850.80	119,275	1,268,647
Total Options												37 026 469.29	120,663	3,445,432
Grand Total:												1,681,573,320.09	239,938	4,714,079