



Johannesburg  
Stock Exchange

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

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

[www.jse.co.za](http://www.jse.co.za)

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

## CURRENCY DERIVATIVES

### CURRENCY DERIVATIVES DAILY MTM REPORT

DAILY SUMMARY FOR: 21/08/2018

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 23/08/2018 Foreign Exchange Future			14.35540		14.64580			0.0000	0.00	0	0
\$ / R On 24/08/2018 Foreign Exchange Future			14.35540		14.64780			0.0000	0.00	0	0
\$ / R On 28/08/2018 Foreign Exchange Future			14.36350		14.65580			0.0000	0.00	0	0
\$ / R On 30/08/2018 Foreign Exchange Future			14.36750		14.65970			0.0000	0.00	0	0
\$ / R On 31/08/2018 Foreign Exchange Future			14.36940		14.66170			0.0000	0.00	0	3,299
\$ / R On 03/09/2018 Foreign Exchange Future			14.37520		14.66770			0.0000	0.00	0	197
\$ / R On 06/09/2018 Foreign Exchange Future			14.38100		14.67370			0.0000	0.00	0	300
\$ / R On 07/09/2018 Foreign Exchange Future			14.38290		14.67560			0.0000	0.00	0	0
\$ / R On 13/09/2018 Foreign Exchange Future			14.39450		14.68760			0.0000	0.00	0	0
\$ / R On 17/09/2018 Foreign Exchange Future			14.40220		14.69550			0.0000	1,440,839,294.60	100,043	525,620
\$ / R On 25/09/2018 Foreign Exchange Future			14.41760		14.71150			0.0000	0.00	0	0
\$ / R On 28/09/2018 Foreign Exchange Future			14.42330		14.71730			0.0000	0.00	0	2,863
\$ / R On 02/10/2018 Foreign Exchange Future			14.43100		14.72510			0.0000	0.00	0	55
\$ / R On 12/10/2018 Foreign Exchange Future			14.45000		14.74450			0.0000	0.00	0	0
\$ / R On 17/10/2018 Foreign Exchange Future			14.45950		14.75420			0.0000	0.00	0	235
\$ / R On 22/10/2018 Foreign Exchange Future			14.46900		14.76390			0.0000	0.00	0	0
\$ / R On 25/10/2018 Foreign Exchange Future			14.47480		14.76980			0.0000	0.00	0	70
\$ / R On 29/10/2018 Foreign Exchange Future			14.48250		14.77760			0.0000	0.00	0	225
\$ / R On 31/10/2018 Foreign Exchange Future			14.48640		14.78160			0.0000	0.00	0	3,808
\$ / R On 01/11/2018 Foreign Exchange Future			14.48830		14.78350			0.0000	0.00	0	55
\$ / R On 05/11/2018 Foreign Exchange Future			14.49610		14.79140			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	13/11/2018	Foreign Exchange Future			14.51160		14.80710			0.0000	0.00	0	70
\$ / R	On	16/11/2018	Foreign Exchange Future			14.51740		14.81290			0.0000	0.00	0	420
\$ / R	On	19/11/2018	Foreign Exchange Future			14.52320		14.81880			0.0000	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Future			14.53100		14.56330			0.0000	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Future			14.54240		14.83840			0.0000	0.00	0	461
\$ / R	On	30/11/2018	Foreign Exchange Future			14.54430		14.84030			0.0000	0.00	0	7,004
\$ / R	On	11/12/2018	Foreign Exchange Future			14.56530		14.86180			0.0000	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Future			14.57110		14.86770			0.0000	2,300,456,125.80	157,878	280,399
\$ / R	On	21/12/2018	Foreign Exchange Future			14.58440		14.88130			0.0000	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Future			14.60350		14.90090			0.0000	0.00	0	2,387
\$ / R	On	02/01/2019	Foreign Exchange Future			14.60740		14.90480			0.0000	0.00	0	55
\$ / R	On	18/01/2019	Foreign Exchange Future			14.63790		14.93600			0.0000	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Future			14.66080		14.95940			0.0000	0.00	0	55
\$ / R	On	31/01/2019	Foreign Exchange Future			14.66270		14.96140			0.0000	0.00	0	1,225
\$ / R	On	13/02/2019	Foreign Exchange Future			14.68760		14.98680			0.0000	0.00	0	70
\$ / R	On	28/02/2019	Foreign Exchange Future			14.71640		15.01630			0.0000	0.00	0	4,725
\$ / R	On	18/03/2019	Foreign Exchange Future			14.75170		15.05240			0.0000	0.00	0	8,610
\$ / R	On	27/03/2019	Foreign Exchange Future			14.76930		15.07040			0.0000	0.00	0	4,414
\$ / R	On	29/03/2019	Foreign Exchange Future			14.77330		15.07440			0.0000	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Future			14.78110		15.08250			0.0000	0.00	0	55
\$ / R	On	30/04/2019	Foreign Exchange Future			14.83610		15.13850			0.0000	0.00	0	1,280
\$ / R	On	31/05/2019	Foreign Exchange Future			14.89710		15.20090			0.0000	0.00	0	55
\$ / R	On	03/06/2019	Foreign Exchange Future			14.90310		15.20700			0.0000	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Future			14.92500		15.22940			0.0000	14,925,000.00	1,000	19,510
\$ / R	On	28/06/2019	Foreign Exchange Future			14.95290		15.25790			0.0000	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Future			14.95890		15.26400			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			14.96290		15.26810			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			15.01870		15.32510			0.0000	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Future			15.02070		15.32710			0.0000	0.00	0	55
\$ / R	On	13/08/2019	Foreign Exchange Future			15.04460		15.35150			0.0000	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Future			15.08000		15.38780			0.0000	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Future			15.08660		15.39450			0.0000	0.00	0	55
\$ / R	On	16/09/2019	Foreign Exchange Future			15.11750		15.42580			0.0000	0.00	0	10,138
\$ / R	On	30/09/2019	Foreign Exchange Future			15.14840		15.45710			0.0000	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Future			15.15280		15.46160			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			15.21670		15.52640			0.0000	0.00	0	55
\$ / R	On	29/11/2019	Foreign Exchange Future			15.28070		15.59130			0.0000	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Future			15.28730		15.59800			0.0000	0.00	0	55
\$ / R	On	13/12/2019	Foreign Exchange Future			15.31150		15.62260			0.0000	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Future			15.35120		15.66280			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			15.35560		15.66730			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			15.41960		15.73210			0.0000	0.00	0	55
\$ / R	On	02/03/2020	Foreign Exchange Future			15.48790		15.80150			0.0000	0.00	0	55
\$ / R	On	02/04/2020	Foreign Exchange Future			15.55630		15.87080			0.0000	0.00	0	55
\$ / R	On	29/04/2020	Foreign Exchange Future			15.61580		15.93120			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			15.69080		16.00720			0.0000	0.00	0	1,055

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 Future			15.71280		16.02960			0.0000	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Future			15.81430		16.13240			0.0000	0.00	0	84,000
\$ / R	On	14/09/2020	Foreign Exchange Future			15.92780		16.24890			0.0000	0.00	0	0
<b>Total \$ / R Future</b>												<b>3,756,220,420.40</b>	<b>258,921</b>	<b>963,320</b>
\$ / R	On	23/08/2018	Foreign Exchange Option	13.21	Put			0.26960	0.499	42.05	0.0036	0.00	0	50,000
\$ / R	On	23/08/2018	Foreign Exchange Option	13.21	Call			1,436.06960	1,145.899	42.05	0.9964	0.00	0	0
\$ / R	On	24/08/2018	Foreign Exchange Option	14.20	Put			41.39620	78.372	27.66	0.3276	0.00	0	0
\$ / R	On	24/08/2018	Foreign Exchange Option	14.20	Call			489.19620	233.772	27.66	0.6724	0.00	0	0
\$ / R	On	24/08/2018	Foreign Exchange Option	14.50	Call			263.82650	84.198	27.82	0.3502	0.00	0	0
\$ / R	On	24/08/2018	Foreign Exchange Option	14.50	Put			116.02650	228.798	27.82	0.6498	0.00	0	20,000
\$ / R	On	28/08/2018	Foreign Exchange Option	13.23	Put			3.65980	3.326	28.07	0.0164	0.00	0	0
\$ / R	On	28/08/2018	Foreign Exchange Option	13.23	Call			1,429.45980	1,136.826	28.07	0.9836	0.00	0	0
\$ / R	On	28/08/2018	Foreign Exchange Option	15.10	Call			87.69480	26.370	27.94	0.1015	0.00	0	0
\$ / R	On	28/08/2018	Foreign Exchange Option	15.10	Put			531.89480	762.870	27.94	0.8985	0.00	0	0
\$ / R	On	30/08/2018	Foreign Exchange Option	14.57	Put			197.49520	338.034	24.52	0.6347	0.00	0	0
\$ / R	On	30/08/2018	Foreign Exchange Option	14.57	Call			287.19520	135.534	24.52	0.3653	0.00	0	2,500
\$ / R	On	30/08/2018	Foreign Exchange Option	14.74	Call			212.20600	92.235	25.51	0.2680	0.00	0	2,500
\$ / R	On	30/08/2018	Foreign Exchange Option	14.74	Put			292.50600	464.735	25.51	0.7320	0.00	0	7,500
\$ / R	On	30/08/2018	Foreign Exchange Option	14.59	Put			207.65140	352.119	24.64	0.6472	0.00	0	0
\$ / R	On	30/08/2018	Foreign Exchange Option	14.59	Call			277.35140	129.620	24.64	0.3528	0.00	0	2,500
\$ / R	On	31/08/2018	Foreign Exchange Option	13.65	Put			10.50640	15.447	21.14	0.0687	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.65	Call			1,022.20640	734.847	21.14	0.9313	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	14.25	Call			492.21800	281.659	22.94	0.5943	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	14.25	Put			80.51800	162.259	22.94	0.4057	0.00	0	250
\$ / R	On	31/08/2018	Foreign Exchange Option	16.05	Put			1,402.98340	1,685.733	31.79	0.9811	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.80	Call			875.57530	601.836	21.59	0.8748	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	16.57	Put			1,914.20470	2,202.635	35.01	0.9924	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	16.57	Call			5.90470	2.035	35.01	0.0076	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	16.05	Call			14.68340	5.133	31.79	0.0189	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	14.42	Put			138.89000	250.839	23.63	0.5280	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	14.42	Call			380.59000	200.239	23.63	0.4720	0.00	0	250
\$ / R	On	31/08/2018	Foreign Exchange Option	13.00	Call			1,664.59910	1,373.631	28.83	0.9831	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.00	Put			2.89910	4.231	28.83	0.0169	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	13.80	Put			13.87530	32.436	21.59	0.1252	0.00	0	1,000
\$ / R	On	03/09/2018	Foreign Exchange Option	12.47	Put			0.71820	1.095	29.04	0.0044	0.00	0	0
\$ / R	On	03/09/2018	Foreign Exchange Option	12.47	Call			2,198.41820	1,906.295	29.04	0.9956	0.00	0	0
\$ / R	On	06/09/2018	Foreign Exchange Option	13.43	Call			1,256.87590	970.838	22.12	0.9333	0.00	0	0
\$ / R	On	06/09/2018	Foreign Exchange Option	13.43	Put			13.17590	19.838	22.12	0.0667	0.00	0	10,000
\$ / R	On	06/09/2018	Foreign Exchange Option	13.44	Put			13.48570	20.297	22.04	0.0682	0.00	0	15,000
\$ / R	On	06/09/2018	Foreign Exchange Option	13.44	Call			1,247.18570	961.296	22.04	0.9318	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.32	Put			10.42370	17.691	22.89	0.0572	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.32	Call			1,366.02370	1,080.591	22.89	0.9428	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	13.90	Put			46.32280	84.004	21.05	0.2193	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.90	Call			821.92280	566.904	21.05	0.7807	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	13.09	Call			1,591.32690	1,303.519	24.40	0.9652	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	07/09/2018	Foreign Exchange Option	13.45	Call			1,240.36720	956.610	22.04	0.9242	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	13.09	Put			5.72690	10.618	24.40	0.0348	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	13.80	Put			36.26110	60.394	20.72	0.1717	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.80	Call			911.86110	643.294	20.72	0.8283	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	12.90	Call			1,779.10790	1,489.721	25.54	0.9774	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	12.90	Put			3.50790	6.821	25.54	0.0226	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	13.45	Put			14.76720	23.710	22.04	0.0758	0.00	0	0
\$ / R	On	13/09/2018	Foreign Exchange Option	13.30	Put			11.81430	24.580	21.69	0.0695	0.00	0	747
\$ / R	On	13/09/2018	Foreign Exchange Option	13.30	Call			1,399.41430	1,119.080	21.69	0.9305	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.70	Call			2,996.77290	2,703.227	28.21	0.9970	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.70	Put			1.27290	1.027	28.21	0.0030	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.60	Call			3,096.50740	2,803.065	28.77	0.9975	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.60	Put			1.00740	0.865	28.77	0.0025	0.00	0	2,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.30	Call			2,398.22350	2,105.149	24.82	0.9911	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.30	Put			2.72350	2.949	24.82	0.0089	0.00	0	100
\$ / R	On	17/09/2018	Foreign Exchange Option	11.48	Call			3,216.25810	2,922.897	29.42	0.9980	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.48	Put			0.75810	0.697	29.42	0.0020	0.00	0	5,200
\$ / R	On	17/09/2018	Foreign Exchange Option	12.77	Put			4.96690	7.040	22.17	0.0214	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.77	Call			1,930.46690	1,639.240	22.17	0.9786	0.00	0	5,200
\$ / R	On	17/09/2018	Foreign Exchange Option	13.50	Put			25.22380	48.869	20.70	0.1196	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.50	Call			1,220.72380	951.069	20.70	0.8804	0.00	0	2,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.80	Put			5.17190	7.453	22.00	0.0227	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.80	Call			1,900.67190	1,609.653	22.00	0.9773	0.00	0	50
\$ / R	On	17/09/2018	Foreign Exchange Option	12.25	Put			2.56280	2.695	25.11	0.0081	0.00	0	40,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.25	Call			2,448.06280	2,154.895	25.11	0.9919	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	11.90	Call			2,797.19580	2,503.651	27.08	0.9957	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.90	Put			1.69580	1.451	27.08	0.0043	0.00	0	3,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.48	Call			2,218.90540	1,926.294	23.81	0.9876	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.48	Put			3.40540	4.094	23.81	0.0124	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.68	Call			2,019.90660	1,728.138	22.68	0.9819	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.68	Put			4.40660	5.938	22.68	0.0181	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.20	Put			9.14520	21.504	20.95	0.0596	0.00	0	4,500
\$ / R	On	17/09/2018	Foreign Exchange Option	13.20	Call			1,504.64520	1,223.704	20.95	0.9404	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.38	Call			2,318.50510	2,025.609	24.37	0.9897	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.38	Put			3.00510	3.409	24.37	0.0103	0.00	0	60,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.00	Put			6.82560	11.683	21.11	0.0350	0.00	0	70,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.00	Call			1,702.32560	1,413.883	21.11	0.9650	0.00	0	7,500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.88	Call			1,821.26940	1,530.888	21.55	0.9735	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.88	Put			5.76940	8.688	21.55	0.0265	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	8.17	Call			6,525.50000	6,232.200	34.98	1.0000	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	8.17	Put			0.00000	0.000	34.98	0.0000	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.58	Call			2,119.36860	1,827.125	23.24	0.9851	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.58	Put			3.86860	4.925	23.24	0.0149	0.00	0	8,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.40	Call			2,298.58070	2,005.736	24.26	0.9893	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.40	Put			3.08070	3.536	24.26	0.0107	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.22	Call			1,484.92550	1,204.993	20.93	0.9373	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	13.22	Put			9.42550	22.793	20.93	0.0627	0.00	0	10,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.60	Put			35.05880	62.718	20.62	0.1469	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.60	Call			1,130.55880	864.918	20.62	0.8531	0.00	0	26,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.00	Call			800.90120	567.327	21.27	0.6979	0.00	0	60,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.00	Put			105.40120	165.127	21.27	0.3021	0.00	0	1,500
\$ / R	On	17/09/2018	Foreign Exchange Option	15.00	Put			584.21930	761.497	24.60	0.7172	0.00	0	50
\$ / R	On	17/09/2018	Foreign Exchange Option	15.00	Call			279.71930	163.697	24.60	0.2828	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.70	Put			392.82720	537.571	23.42	0.6139	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.70	Call			388.32720	239.771	23.42	0.3861	0.00	0	63,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.25	Call			628.47650	421.600	21.88	0.5825	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.25	Put			182.97650	269.400	21.88	0.4175	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.76	Put			2,098.92480	2,369.766	28.69	0.9715	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.76	Call			34.42480	11.966	28.69	0.0285	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.10	Call			1,603.38470	1,318.152	21.03	0.9540	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.10	Put			7.88470	15.952	21.03	0.0460	0.00	0	2,500
\$ / R	On	17/09/2018	Foreign Exchange Option	14.20	Put			165.24730	246.098	21.76	0.3942	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.20	Call			660.74730	448.298	21.76	0.6058	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	13.66	Put			42.22620	72.438	20.57	0.1651	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.66	Call			1,077.72620	814.638	20.57	0.8349	0.00	0	100
\$ / R	On	17/09/2018	Foreign Exchange Option	14.50	Put			288.53740	405.983	22.64	0.5315	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.50	Call			484.03740	308.183	22.64	0.4685	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	14.86	Call			326.25200	195.683	24.05	0.3279	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.86	Put			490.75200	653.483	24.05	0.6721	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.87	Call			322.69680	193.207	24.09	0.3245	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.87	Put			497.19680	661.007	24.09	0.6755	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.85	Call			329.84240	198.192	24.01	0.3313	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.85	Put			484.34240	645.992	24.01	0.6687	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.14	Put			1,522.34280	1,771.721	27.92	0.9281	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.14	Call			77.84280	33.921	27.92	0.0719	0.00	0	750
\$ / R	On	17/09/2018	Foreign Exchange Option	12.85	Call			1,851.03610	1,560.401	21.72	0.9750	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.85	Put			5.53610	8.201	21.72	0.0250	0.00	0	750
\$ / R	On	17/09/2018	Foreign Exchange Option	11.00	Call			3,695.73340	3,402.430	31.35	0.9993	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.00	Put			0.23340	0.230	31.35	0.0007	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.96	Call			1,741.94980	1,452.476	21.15	0.9688	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.96	Put			6.44980	10.276	21.15	0.0312	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.14	Put			684.15670	874.518	25.13	0.7571	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.14	Call			239.65670	136.718	25.13	0.2429	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.50	Call			2,198.99270	1,906.447	23.69	0.9871	0.00	0	4,600
\$ / R	On	17/09/2018	Foreign Exchange Option	12.50	Put			3.49270	4.247	23.69	0.0129	0.00	0	44,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.61	Call			2,089.52160	1,797.409	23.07	0.9842	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.61	Put			4.02160	5.209	23.07	0.0158	0.00	0	13,231
\$ / R	On	17/09/2018	Foreign Exchange Option	15.97	Put			1,368.68770	1,612.463	27.71	0.9088	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.97	Call			94.18770	44.663	27.71	0.0912	0.00	0	5,300
\$ / R	On	17/09/2018	Foreign Exchange Option	16.04	Put			1,431.55580	1,677.705	27.80	0.9172	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.04	Call			87.05580	39.905	27.80	0.0828	0.00	0	1,550
\$ / R	On	17/09/2018	Foreign Exchange Option	12.65	Call			2,049.73660	1,757.813	22.85	0.9829	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	12.65	Put			4.23660	5.613	22.85	0.0171	0.00	0	1,550
\$ / R	On	17/09/2018	Foreign Exchange Option	13.65	Put			40.96130	70.739	20.58	0.1620	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.65	Call			1,086.46130	822.939	20.58	0.8380	0.00	0	1,464
\$ / R	On	17/09/2018	Foreign Exchange Option	13.73	Call			1,017.42450	758.481	20.61	0.8107	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.73	Put			51.92450	86.281	20.61	0.1893	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	17.02	Put			2,348.80710	2,625.424	29.01	0.9811	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	17.02	Call			24.30710	7.624	29.01	0.0189	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.36	Call			1,350.72870	1,075.978	20.82	0.9123	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.36	Put			15.22870	33.778	20.82	0.0877	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.08	Put			1,467.73860	1,715.202	27.85	0.9217	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.08	Call			83.23860	37.402	27.85	0.0783	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.75	Call			2,946.92890	2,653.319	27.93	0.9967	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.75	Put			1.42890	1.119	27.93	0.0033	0.00	0	93,314
\$ / R	On	17/09/2018	Foreign Exchange Option	13.25	Call			1,455.36530	1,177.048	20.91	0.9325	0.00	0	1,250
\$ / R	On	17/09/2018	Foreign Exchange Option	13.25	Put			9.86530	24.848	20.91	0.0675	0.00	0	74,064
\$ / R	On	17/09/2018	Foreign Exchange Option	16.29	Put			1,658.63340	1,914.299	28.11	0.9421	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.29	Call			64.13340	26.499	28.11	0.0579	0.00	0	73,314
\$ / R	On	17/09/2018	Foreign Exchange Option	13.30	Put			12.06170	28.622	20.87	0.0762	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.30	Call			1,407.56170	1,130.822	20.87	0.9238	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	11.50	Call			3,196.29510	2,902.930	29.34	0.9979	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.50	Put			0.79510	0.730	29.34	0.0021	0.00	0	45,000
\$ / R	On	17/09/2018	Foreign Exchange Option	11.85	Call			2,847.10120	2,553.530	27.36	0.9961	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.85	Put			1.60120	1.330	27.36	0.0039	0.00	0	48,200
\$ / R	On	17/09/2018	Foreign Exchange Option	12.00	Call			2,697.40420	2,403.929	26.52	0.9949	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.00	Put			1.90420	1.729	26.52	0.0051	0.00	0	13,300
\$ / R	On	25/09/2018	Foreign Exchange Option	16.09	Put			1,493.88080	1,733.367	27.56	0.8931	0.00	0	0
\$ / R	On	25/09/2018	Foreign Exchange Option	16.09	Call			115.38080	60.967	27.56	0.1069	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.00	Call			1,734.29520	1,439.683	19.20	0.9562	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.00	Put			16.99520	16.383	19.20	0.0438	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	13.78	Put			93.96890	138.631	20.72	0.2370	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.78	Call			1,031.26890	781.931	20.72	0.7630	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	14.25	Call			699.96650	494.481	21.78	0.5820	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	14.25	Put			232.66650	321.181	21.78	0.4180	0.00	0	250
\$ / R	On	28/09/2018	Foreign Exchange Option	16.80	Put			2,148.12070	2,409.548	29.25	0.9417	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.80	Call			65.42070	32.848	29.25	0.0583	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	16.25	Put			1,643.33470	1,886.175	27.90	0.8997	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.25	Call			110.63470	59.475	27.90	0.1003	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	14.54	Put			362.51980	482.102	22.60	0.5295	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	14.54	Call			539.81980	365.402	22.60	0.4705	0.00	0	250
\$ / R	On	28/09/2018	Foreign Exchange Option	13.80	Put			98.06080	144.525	20.76	0.2442	0.00	0	1,000
\$ / R	On	28/09/2018	Foreign Exchange Option	13.80	Call			1,015.36080	767.825	20.76	0.7558	0.00	0	0
\$ / R	On	02/10/2018	Foreign Exchange Option	12.76	Put			14.97190	15.333	20.71	0.0370	0.00	0	0
\$ / R	On	02/10/2018	Foreign Exchange Option	12.76	Call			1,980.07190	1,686.333	20.71	0.9630	0.00	0	0
\$ / R	On	12/10/2018	Foreign Exchange Option	13.51	Put			76.88120	108.533	20.06	0.1772	0.00	0	0
\$ / R	On	12/10/2018	Foreign Exchange Option	13.51	Call			1,311.38120	1,048.533	20.06	0.8228	0.00	0	0
\$ / R	On	17/10/2018	Foreign Exchange Option	13.35	Put			61.80150	87.205	19.81	0.1448	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	17/10/2018	Foreign Exchange Option	13.35	Call			1,466.00150	1,196.705	19.81	0.8552	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	14.00	Put			213.15670	285.063	20.68	0.3339	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	14.00	Call			977.05670	754.063	20.68	0.6661	0.00	0	1,630
\$ / R	On	22/10/2018	Foreign Exchange Option	13.20	Call			1,617.94940	1,339.580	19.55	0.8809	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	13.20	Put			54.04940	70.580	19.55	0.1191	0.00	0	1,630
\$ / R	On	25/10/2018	Foreign Exchange Option	14.49	Put			428.22300	538.616	21.79	0.4862	0.00	0	0
\$ / R	On	25/10/2018	Foreign Exchange Option	14.49	Call			708.02300	523.416	21.79	0.5138	0.00	0	0
\$ / R	On	29/10/2018	Foreign Exchange Option	15.06	Put			770.17070	926.240	23.17	0.6322	0.00	0	0
\$ / R	On	29/10/2018	Foreign Exchange Option	15.06	Call			487.77070	348.740	23.17	0.3678	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.25	Call			863.87240	660.029	21.11	0.5883	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.25	Put			332.27240	423.629	21.11	0.4117	0.00	0	250
\$ / R	On	31/10/2018	Foreign Exchange Option	14.67	Put			538.90250	663.863	22.13	0.5320	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.67	Call			650.50250	480.263	22.13	0.4680	0.00	0	250
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Call			1,831.02440	1,544.295	19.44	0.9042	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Put			49.42440	57.895	19.44	0.0958	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Put			214.25900	278.927	20.39	0.3154	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Call			1,065.85900	835.326	20.39	0.6846	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Put			177.04070	229.865	20.10	0.2769	0.00	0	1,000
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Call			1,158.64070	916.265	20.10	0.7231	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Put			2,373.40400	2,619.593	27.90	0.8941	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Call			135.00400	85.993	27.90	0.1059	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Put			1,882.40950	2,110.533	26.68	0.8489	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Call			194.00950	126.933	26.68	0.1511	0.00	0	500
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Put			38.50990	45.769	20.00	0.0763	0.00	0	0
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Call			2,012.00990	1,724.069	20.00	0.9237	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Put			2,186.33930	2,423.772	27.18	0.8711	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Call			167.73930	109.872	27.18	0.1289	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Put			10.02390	13.624	22.38	0.0237	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Call			2,901.42390	2,609.724	22.38	0.9763	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Call			1,134.94090	898.006	20.12	0.7035	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Put			203.54090	261.906	20.12	0.2965	0.00	0	1,880
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Put			680.48550	816.517	22.32	0.5667	0.00	0	0
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Call			627.58550	468.117	22.32	0.4333	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.72	Put			607.35500	731.959	21.98	0.5301	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.72	Call			700.25500	529.359	21.98	0.4699	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.89	Call			630.27960	471.787	22.39	0.4297	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.89	Put			707.37960	844.387	22.39	0.5703	0.00	0	15,000
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Call			3,987.49530	3,692.358	25.56	0.9920	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Put			4.59530	4.958	25.56	0.0080	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Put			87.54890	109.984	19.30	0.1490	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Call			1,680.44890	1,407.384	19.30	0.8510	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.74	Put			618.71050	744.834	22.03	0.5350	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.74	Call			691.61050	522.234	22.03	0.4650	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Put			9.27800	11.533	22.21	0.0193	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Call			3,152.17800	2,858.933	22.21	0.9807	0.00	0	0
\$ / R	On	19/11/2018	Foreign Exchange Option	14.84	Put			682.02130	814.724	22.15	0.5561	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	19/11/2018	Foreign Exchange Option	14.84	Call			660.82130	497.924	22.15	0.4439	0.00	0	10,000
\$ / R	On	23/11/2018	Foreign Exchange Option	14.62	Put			0.00000	682.294	21.59	0.5004	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Option	14.62	Call			0.00000	593.293	21.59	0.4996	14,120,385.30	23,800	11,900
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Put			143.72230	181.488	19.35	0.2078	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Call			1,522.12230	1,263.888	19.35	0.7922	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Put			326.06950	405.500	20.31	0.3605	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Call			1,086.36950	869.800	20.31	0.6395	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Call			987.30330	782.357	20.67	0.5958	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Put			397.00330	488.057	20.67	0.4042	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Put			2,109.37640	2,331.606	26.11	0.8258	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Call			1,272.87460	1,031.963	19.72	0.7116	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Put			2,649.73920	2,890.411	27.32	0.8728	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Call			180.03920	124.711	27.32	0.1272	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Call			249.67640	175.906	26.11	0.1742	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Put			692.45410	822.035	21.93	0.5419	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Call			712.75410	546.335	21.93	0.4581	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Call			1,916.58170	1,636.033	19.11	0.8783	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Put			76.28170	91.733	19.11	0.1217	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Put			232.57460	287.663	19.72	0.2884	0.00	0	1,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Call			1,268.25540	1,033.303	19.68	0.6949	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Put			266.45540	328.003	19.68	0.3051	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Put			870.62650	1,015.341	22.28	0.5869	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Call			652.42650	500.641	22.28	0.4131	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Put			204.60470	253.543	19.39	0.2553	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Call			1,416.40470	1,168.843	19.39	0.7447	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Put			1,297.29240	1,476.914	23.68	0.6920	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Call			469.09240	352.213	23.68	0.3080	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Put			1,470.48360	1,659.698	24.14	0.7194	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Call			428.18360	320.798	24.14	0.2806	0.00	0	121,970
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Call			1,088.68680	878.506	20.29	0.6210	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Put			380.98680	467.407	20.29	0.3790	0.00	0	36,200
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Put			1,133.90140	1,300.220	23.11	0.6524	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Call			541.60140	411.320	23.11	0.3476	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Call			1,038.00040	833.409	20.48	0.5992	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Put			420.30040	512.309	20.48	0.4008	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Call			1,355.26950	1,113.268	19.50	0.7206	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Put			237.56950	292.168	19.50	0.2794	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Call			1,463.59050	1,214.062	19.34	0.7548	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Put			195.89050	242.962	19.34	0.2452	0.00	0	66,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Put			704.84700	831.605	21.64	0.5269	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Call			772.54700	602.705	21.64	0.4731	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Call			1,123.66900	909.772	20.17	0.6357	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Put			355.96900	438.672	20.17	0.3643	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Put			480.80280	580.892	20.75	0.4319	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Call			968.50280	771.992	20.75	0.5681	0.00	0	30
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Call			1,997.86840	1,719.397	18.94	0.8775	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	12.95	Put			80.16840	98.297	18.94	0.1225	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Put			466.45430	564.681	20.69	0.4248	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Call			984.15430	785.781	20.69	0.5752	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Put			647.70820	768.066	21.42	0.5052	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Call			815.40820	639.166	21.42	0.4948	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Call			2,643.91030	2,357.679	19.67	0.9481	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Put			26.21030	36.579	19.67	0.0519	0.00	0	3,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Call			1,383.63360	1,139.579	19.46	0.7299	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Put			225.93360	278.479	19.46	0.2701	0.00	0	30
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Put			1,541.26600	1,734.528	24.35	0.7311	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Call			408.96600	305.628	24.35	0.2689	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Call			2,691.68100	2,404.984	19.72	0.9515	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Put			23.98100	33.884	19.72	0.0485	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Call			1,390.78480	1,146.220	19.45	0.7322	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Put			223.08480	275.120	19.45	0.2678	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Put			831.97860	971.844	22.10	0.5703	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Call			689.67860	532.944	22.10	0.4297	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Put			1,148.16020	1,315.616	23.15	0.6557	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Call			535.86020	406.716	23.15	0.3443	0.00	0	29,600
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Put			1,162.48830	1,331.074	23.20	0.6589	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Call			530.18830	402.174	23.20	0.3411	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Put			457.01740	554.002	20.64	0.4200	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Call			994.71740	795.102	20.64	0.5800	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Call			2,241.20840	1,959.453	19.22	0.9103	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Put			53.50840	68.353	19.22	0.0897	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Call			1,327.28880	1,087.375	19.54	0.7113	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Put			249.58880	306.275	19.54	0.2887	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Call			1,577.11720	1,320.595	19.17	0.7875	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Put			159.41720	199.495	19.17	0.2125	0.00	0	4,080
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Put			1,309.51870	1,488.704	23.66	0.6899	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Call			477.21870	359.804	23.66	0.3101	0.00	0	11,380
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Put			246.54590	302.708	19.53	0.2864	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Call			1,334.24590	1,093.808	19.53	0.7136	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Call			2,787.69640	2,500.104	19.82	0.9578	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Put			19.99640	29.004	19.82	0.0422	0.00	0	8,580
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Put			921.81120	1,070.094	22.41	0.5975	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Call			639.51120	491.194	22.41	0.4025	0.00	0	27,030
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Put			1,287.03440	1,464.717	23.59	0.6854	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Call			484.73440	365.817	23.59	0.3146	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Call			2,864.92560	2,576.651	19.90	0.9623	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Put			17.22560	25.551	19.90	0.0377	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			1,764.12490	1,494.627	18.92	0.8338	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			116.42490	143.527	18.92	0.1662	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Put			603.66220	718.836	21.25	0.4874	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Call			851.36220	669.936	21.25	0.5126	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Put			675.99470	799.564	21.53	0.5162	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Call			793.69470	620.663	21.53	0.4838	0.00	0	127,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Put			592.88710	706.754	21.21	0.4829	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Call			860.58710	677.854	21.21	0.5171	0.00	0	84,900
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Put			598.26430	712.783	21.23	0.4852	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Call			855.96430	673.883	21.23	0.5148	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Put			510.18060	613.991	20.87	0.4460	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Call			937.88060	745.091	20.87	0.5540	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Put			368.35850	452.918	20.23	0.3717	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Call			1,106.05850	894.018	20.23	0.6283	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Call			2,884.28640	2,595.845	19.93	0.9634	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Put			16.58640	24.746	19.93	0.0366	0.00	0	174,530
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Call			2,177.30650	1,896.364	19.15	0.9025	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Put			59.60650	75.264	19.15	0.0975	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Call			2,981.38330	2,692.142	20.03	0.9684	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Put			13.68330	21.042	20.03	0.0316	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Call			1,866.70090	1,590.275	18.79	0.8559	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Put			99.00090	119.175	18.79	0.1441	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Call			3,129.88240	2,837.494	20.18	0.9748	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Put			12.18240	16.394	20.18	0.0252	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Put			171.00870	213.358	19.23	0.2232	0.00	0	29,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Call			1,538.70870	1,284.458	19.23	0.7768	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Put			728.33270	857.621	21.73	0.5354	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Call			756.03270	588.722	21.73	0.4646	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Call			2,287.17020	2,004.849	19.27	0.9155	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Put			49.47020	63.749	19.27	0.0845	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Put			319.06890	392.958	19.97	0.3399	3,929,583.00	10,000	24,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Call			1,186.76890	964.058	19.97	0.6601	289,217.49	300	20,400
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Put			121.13030	150.120	18.95	0.1719	0.00	0	17,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Call			1,738.83030	1,471.220	18.95	0.8281	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Put			825.71290	964.966	22.08	0.5683	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Call			693.41290	536.066	22.08	0.4317	0.00	0	7,600
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Call			2,520.53210	2,235.563	19.53	0.9384	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Put			32.83210	44.463	19.53	0.0616	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Put			301.54440	371.134	19.86	0.3276	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Call			1,219.24440	992.234	19.86	0.6724	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Put			252.65320	309.868	19.55	0.2911	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Call			1,320.35320	1,080.968	19.55	0.7089	0.00	0	3,264
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Put			86.10090	104.884	18.89	0.1294	0.00	0	146,370
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Call			1,953.80090	1,675.984	18.89	0.8706	0.00	0	7,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			113.36610	139.246	18.90	0.1624	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			1,781.06610	1,510.346	18.90	0.8376	0.00	0	7,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Put			758.17610	890.615	21.84	0.5459	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Call			735.87610	571.715	21.84	0.4541	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Put			40.12200	52.988	19.41	0.0719	0.00	0	26,500
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Call			2,407.82200	2,124.088	19.41	0.9281	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Call			3,238.90230	2,944.805	20.33	0.9786	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	11.64	Put			11.20230	13.705	20.33	0.0214	0.00	0	2,764
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Put			2,590.32950	2,824.452	26.69	0.8526	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Call			218.02950	155.552	26.69	0.1474	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Call			1,989.02850	1,710.687	18.93	0.8761	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Put			81.32850	99.587	18.93	0.1239	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Put			1,501.81630	1,692.849	24.23	0.7247	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Call			419.51630	313.949	24.23	0.2753	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Call			664.10690	511.616	22.26	0.4159	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Put			876.40690	1,020.516	22.26	0.5841	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Call			660.53160	508.644	22.28	0.4140	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Put			882.83160	1,027.544	22.28	0.5860	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Call			667.69890	514.606	22.23	0.4179	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Put			869.99890	1,013.506	22.23	0.5821	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Call			0.00000	899.244	20.21	0.6308	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Put			0.00000	448.144	20.21	0.3692	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Put			0.00000	1,231.671	22.90	0.6372	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Call			0.00000	432.771	22.90	0.3628	3,784,149.62	8,744	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Call			908.15920	719.078	20.99	0.5400	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Put			540.45920	647.978	20.99	0.4600	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Call			1,672.09670	1,409.825	19.04	0.8123	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Put			134.39670	168.725	19.04	0.1877	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Put			1,332.13480	1,512.806	23.73	0.6943	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Call			469.83480	353.906	23.73	0.3057	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Call			1,043.52910	838.314	20.46	0.6016	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Put			415.82910	507.214	20.46	0.3984	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Put			1,169.67690	1,338.824	23.22	0.6605	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Call			527.37690	399.924	23.22	0.3395	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Call			622.53050	477.141	22.52	0.3932	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Put			954.83050	1,106.041	22.52	0.6068	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Call			828.71660	650.536	21.36	0.5014	6,505,361.00	10,000	5,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Put			631.01660	749.436	21.36	0.4986	0.00	0	3,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Put			889.27950	1,034.591	22.30	0.5879	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Call			656.97950	505.691	22.30	0.4121	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Put			1,242.46620	1,417.100	23.45	0.6763	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Call			500.16620	378.200	23.45	0.3237	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Call			1,065.89920	858.200	20.38	0.6113	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Put			398.19920	487.100	20.38	0.3887	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Put			1,999.90010	2,212.187	25.41	0.7956	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Call			307.60010	223.287	25.41	0.2044	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Put			1,653.34060	1,851.132	24.61	0.7489	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Call			381.04060	282.232	24.61	0.2511	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Put			1,423.87940	1,610.311	24.00	0.7113	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Call			441.57940	331.411	24.00	0.2887	0.00	0	20,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Put			1,227.76110	1,401.333	23.40	0.6732	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Call			505.46110	382.433	23.40	0.3268	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Call			1,680.37970	1,417.416	19.03	0.8143	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	13.32	Put			132.67970	166.316	19.03	0.1857	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Call			1,094.45190	883.649	20.27	0.6235	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Put			376.75190	462.549	20.27	0.3765	0.00	0	236,970
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Put			635.86330	753.471	21.22	0.4924	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Call			857.16330	677.871	21.22	0.5076	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Put			120.34540	146.799	18.81	0.1657	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Call			1,801.64540	1,531.199	18.81	0.8343	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Put			686.39290	809.547	21.41	0.5117	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Call			817.69290	643.947	21.41	0.4883	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Call			1,718.48620	1,454.100	18.93	0.8152	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Put			137.18620	169.700	18.93	0.1848	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Call			1,997.85110	1,723.403	18.66	0.8628	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Put			96.95110	119.903	18.66	0.1372	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Put			429.10600	520.229	20.12	0.3896	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Call			1,110.00600	903.729	20.12	0.6104	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Call			1,093.47720	888.976	20.18	0.6036	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Put			442.57720	535.476	20.18	0.3964	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Put			2,896.11890	3,136.139	26.80	0.8578	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Call			217.01890	159.639	26.80	0.1422	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Put			2,321.86650	2,542.135	25.54	0.8121	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Call			292.76650	215.635	25.54	0.1879	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Call			764.25290	601.440	21.63	0.4521	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Put			823.35290	957.940	21.63	0.5479	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Put			273.36180	332.553	19.32	0.2928	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Call			1,374.26180	1,136.053	19.32	0.7072	0.00	0	0
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Put			84.98460	106.528	18.66	0.1239	0.00	0	0
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Call			2,089.78460	1,813.928	18.66	0.8761	0.00	0	0
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Put			62.91400	85.608	18.47	0.0994	0.00	0	263
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Call			2,338.91400	2,063.508	18.47	0.9006	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Put			105.86830	136.864	18.38	0.1413	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Call			2,115.26830	1,847.664	18.38	0.8587	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Call			2,076.18180	1,809.771	18.40	0.8509	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Put			114.78180	147.071	18.40	0.1491	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Put			546.99940	647.728	20.19	0.4161	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Call			1,128.39940	930.428	20.19	0.5839	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Call			1,196.74250	991.676	19.94	0.6106	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Put			485.34250	578.976	19.94	0.3894	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Put			971.77200	1,111.457	21.62	0.5576	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Call			803.17200	644.157	21.62	0.4424	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Put			83.07910	110.808	18.30	0.1192	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Call			2,254.47910	1,983.508	18.30	0.8808	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Put			968.69770	1,105.175	21.44	0.5444	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Call			855.49770	692.775	21.44	0.4556	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call			2,143.63910	1,883.458	18.12	0.8441	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put			127.33910	167.058	18.12	0.1559	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Put			1,092.59920	1,236.134	21.59	0.5629	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	28/02/2019	Foreign Exchange Option	15.27	Call		838.89920	682.534	21.59	0.4371	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Put		650.61880	758.992	20.25	0.4345	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call		1,146.91880	955.392	20.25	0.5655	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put		97.27800	132.330	17.91	0.1306	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call		2,283.57800	2,018.730	17.91	0.8694	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Call		1,283.94500	1,078.557	19.74	0.6167	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Put		517.64500	612.157	19.74	0.3833	0.00	0	250
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Call		1,453.93950	1,231.553	19.21	0.6584	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put		451.53950	529.853	19.21	0.3416	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call		3,269.94610	2,971.464	15.92	0.9722	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put		17.54610	19.764	15.92	0.0278	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call		3,011.71350	2,727.397	16.34	0.9546	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put		19.31350	35.697	16.34	0.0454	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put		246.86110	301.669	18.52	0.2329	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call		1,849.26110	1,603.369	18.52	0.7671	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call		3,568.52330	3,269.153	17.10	0.9767	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put		16.12330	17.453	17.10	0.0233	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call		4,730.81360	4,432.241	21.64	0.9880	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put		8.41360	10.541	21.64	0.0120	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call		3,329.65260	3,030.974	16.15	0.9732	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put		17.25260	19.274	16.15	0.0268	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put		646.02430	753.022	20.01	0.4213	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call		1,218.42430	1,024.722	20.01	0.5787	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call		2,381.05810	2,116.878	17.48	0.8775	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put		88.65810	125.178	17.48	0.1225	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call		1,644.08030	1,407.216	18.85	0.7138	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put		341.68030	405.516	18.85	0.2862	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put		914.54760	1,043.231	20.88	0.5039	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call		1,006.94760	834.931	20.88	0.4961	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put		1,062.84370	1,202.113	21.29	0.5419	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call		915.24370	753.813	21.29	0.4581	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call		1,842.33090	1,596.527	18.53	0.7653	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put		249.93090	304.827	18.53	0.2347	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put		1,226.20220	1,376.851	21.72	0.5790	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call		828.60220	678.551	21.72	0.4210	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put		556.99960	654.908	19.68	0.3885	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Call		1,309.39960	1,106.609	19.68	0.6115	0.00	0	500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put		1,287.29480	1,442.004	21.87	0.5916	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call		799.69480	653.704	21.87	0.4084	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call		2,633.16600	2,360.097	17.01	0.9147	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put		50.76600	78.397	17.01	0.0853	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call		1,572.24060	1,340.031	18.96	0.6937	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put		379.84060	448.331	18.96	0.3063	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Call		2,597.52860	2,325.656	17.07	0.9100	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Put		55.12860	83.956	17.07	0.0900	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Call		1,546.72620	1,316.231	19.01	0.6863	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	13.90	Put			394.32620	464.531	19.01	0.3137	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Put			1,043.89270	1,181.763	21.24	0.5373	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Call			926.29270	763.463	21.24	0.4627	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Put			2,475.79310	2,683.621	24.40	0.7585	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Call			448.19310	355.321	24.40	0.2415	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Call			1,238.06260	1,042.355	19.94	0.5859	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Put			625.66260	730.655	19.94	0.4141	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Call			2,184.48900	1,927.809	17.87	0.8419	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Put			132.08900	176.109	17.87	0.1581	0.00	0	14,028
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Call			2,264.97180	2,005.169	17.71	0.8573	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Put			112.57180	153.469	17.71	0.1427	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Call			1,484.36090	1,258.189	19.12	0.6678	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Put			431.96090	506.489	19.12	0.3322	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Call			1,320.50010	1,116.115	19.64	0.6152	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Put			548.10010	644.415	19.64	0.3848	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Call			1,194.32990	1,003.121	20.11	0.5697	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Put			671.92990	781.421	20.11	0.4303	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Put			1,232.93310	1,384.024	21.73	0.5804	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Call			825.33310	675.724	21.73	0.4196	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Put			2,484.16400	2,692.279	24.42	0.7593	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Call			446.56400	353.979	24.42	0.2407	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Call			1,064.18490	886.605	20.64	0.5193	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Put			831.78490	954.905	20.64	0.4807	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Put			1,535.53190	1,705.550	22.50	0.6374	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Call			697.93190	567.250	22.50	0.3626	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Put			2,833.25940	3,052.309	25.04	0.7901	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Call			385.65940	304.009	25.04	0.2099	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call			868.99520	713.560	21.51	0.4385	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put			1,146.59520	1,291.860	21.51	0.5615	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call			875.94170	719.592	21.48	0.4414	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put			1,133.54170	1,277.892	21.48	0.5586	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Put			2,083.28950	2,276.252	23.67	0.7155	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Call			535.68950	427.952	23.67	0.2845	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call			872.46300	716.569	21.49	0.4400	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put			1,140.06300	1,284.869	21.49	0.5600	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put			29.14650	50.141	16.44	0.0592	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call			2,889.54650	2,609.441	16.44	0.9408	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put			137.23680	183.052	17.79	0.1599	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call			2,211.63680	1,956.352	17.79	0.8401	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put			757.87620	874.467	20.31	0.4509	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Call			1,162.27620	977.767	20.31	0.5491	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Call			1,369.86100	1,163.272	19.53	0.6231	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Put			545.46100	639.972	19.53	0.3769	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Put			1,222.19670	1,370.957	21.60	0.5697	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Call			866.59670	714.257	21.60	0.4303	0.00	0	250
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put			147.31850	196.194	17.79	0.1676	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call			2,179.81850	1,927.294	17.79	0.8324	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Put			1,364.23770	1,518.241	21.59	0.5768	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Call			892.73770	744.341	21.59	0.4232	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put			284.73870	349.442	18.35	0.2420	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call			1,933.23870	1,695.542	18.35	0.7580	0.00	0	2,500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put			878.03580	1,002.494	20.37	0.4669	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call			1,176.53580	998.594	20.37	0.5331	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Call			1,461.12720	1,251.376	19.30	0.6299	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Put			572.62720	665.276	19.30	0.3701	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put			129.97420	174.254	17.17	0.1491	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call			2,348.47420	2,090.354	17.17	0.8509	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call			2,285.77790	2,031.314	17.36	0.8384	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put			147.27790	195.214	17.36	0.1616	0.00	0	3,000
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put			1,001.39850	1,131.535	20.48	0.4807	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call			1,192.29850	1,018.635	20.48	0.5193	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Call			1,548.20590	1,336.725	19.16	0.6359	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Put			597.30590	689.625	19.16	0.3641	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Put			1,506.95500	1,665.762	21.66	0.5831	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Call			917.85500	772.862	21.66	0.4169	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put			196.86400	252.142	17.50	0.1863	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call			2,257.76400	2,009.242	17.50	0.8137	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call			2,362.78440	2,106.740	17.14	0.8359	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put			161.88440	209.640	17.14	0.1641	0.00	0	500
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Put			33.42850	45.773	14.90	0.0525	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call			3,100.42850	2,808.873	14.90	0.9475	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put			766.86460	879.373	19.67	0.4127	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call			1,416.26460	1,224.373	19.67	0.5873	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put			1,520.63470	1,678.794	21.57	0.5775	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call			950.03470	803.794	21.57	0.4225	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Call			4,557.98280	4,255.160	18.86	0.9797	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put			667.34770	767.973	19.32	0.3819	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call			1,527.36680	1,322.223	19.29	0.6213	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put			657.96680	757.223	19.29	0.3787	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put			454.34090	531.068	18.65	0.3030	0.00	0	6,250
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put			1,397.79580	1,549.036	21.30	0.5560	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Call			1,007.19580	854.036	21.30	0.4440	0.00	0	6,250
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call			1,522.04850	1,317.586	19.30	0.6197	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put			662.64850	762.586	19.30	0.3803	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call			1,516.74770	1,312.973	19.32	0.6181	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call			914.08830	772.462	21.76	0.4088	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call			1,834.94040	1,605.450	18.59	0.7048	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put			435.54040	510.450	18.59	0.2952	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Put			686.31410	789.689	19.39	0.3881	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Call			1,495.71410	1,294.689	19.39	0.6119	0.00	0	30
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call			1,803.74090	1,576.068	18.65	0.6970	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put			231.16400	289.216	17.58	0.2020	0.00	0	30,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put			898.82040	1,021.984	20.09	0.4485	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call			1,308.22040	1,126.984	20.09	0.5515	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Put			493.31290	573.677	18.76	0.3188	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Call			1,742.71290	1,518.677	18.76	0.6812	0.00	0	500
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put			1,604.68830	1,767.462	21.76	0.5912	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Call			2,300.17930	2,046.709	17.28	0.8160	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call			2,594.95610	2,319.965	16.23	0.8748	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put			115.55610	144.965	16.23	0.1252	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put			1,351.11420	1,499.718	21.20	0.5473	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call			1,030.51420	874.718	21.20	0.4527	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call			2,220.56400	1,974.216	17.58	0.7980	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put			18.58280	20.160	18.86	0.0203	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call			2,998.25170	2,704.864	14.93	0.9353	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put			48.85170	59.864	14.93	0.0647	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call			2,412.93670	2,150.351	16.86	0.8399	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put			163.53670	205.351	16.86	0.1601	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put			200.77930	251.709	17.28	0.1840	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Put			1,639.57010	1,802.512	21.73	0.5889	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Call			937.47010	795.412	21.73	0.4111	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put			173.32380	217.418	16.85	0.1641	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call			2,431.22380	2,170.318	16.85	0.8359	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put			1,117.17540	1,251.234	20.57	0.4924	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call			1,205.07540	1,034.134	20.57	0.5076	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Call			1,625.39900	1,412.231	19.05	0.6412	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Put			617.49900	709.331	19.05	0.3588	0.00	0	250
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put			224.07420	280.420	17.36	0.1944	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call			2,298.07420	2,049.320	17.36	0.8056	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put			1,993.62480	2,172.072	22.40	0.6359	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Call			821.72480	694.972	22.40	0.3641	0.00	0	39,250
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call			2,124.87090	1,894.419	18.11	0.7633	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put			306.77090	381.519	18.11	0.2367	0.00	0	39,250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Call			1,714.68090	1,498.844	18.93	0.6472	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Put			639.58090	730.144	18.93	0.3528	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Put			1,780.61920	1,947.163	21.78	0.5929	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Call			965.71920	825.863	21.78	0.4071	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			188.49220	232.202	16.73	0.1660	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			2,513.59220	2,250.902	16.73	0.8340	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,241.59810	1,379.758	20.66	0.5021	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			1,226.69810	1,058.458	20.66	0.4979	0.00	0	500
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			254.40210	313.524	17.38	0.2029	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			2,341.50210	2,094.224	17.38	0.7971	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Put			755.26600	860.036	19.26	0.3836	0.00	0	3,950
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Call			1,626.76600	1,424.636	19.26	0.6164	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Put			1,937.61060	2,109.600	21.99	0.6079	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Call			939.11060	804.200	21.99	0.3921	0.00	0	3,950
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put			1,373.67080	1,515.535	20.81	0.5124	0.00	0	0



Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call			1,241.47080	1,075.536	20.81	0.4876	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Call			1,797.16860	1,581.342	18.91	0.6523	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Put			659.36860	751.342	18.91	0.3477	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Put			1,930.88490	2,099.933	21.91	0.5980	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Call			988.68490	849.933	21.91	0.4020	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put			198.39450	247.093	16.70	0.1680	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call			2,586.19450	2,327.093	16.70	0.8320	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put			282.78780	345.852	17.38	0.2101	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call			2,387.28780	2,142.452	17.38	0.7899	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Call			3,030.08350	2,745.283	15.52	0.8969	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put			104.28350	127.783	15.52	0.1031	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put			1,614.92050	1,766.371	21.26	0.5441	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call			1,170.72050	1,013.871	21.26	0.4559	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Call			2,004.59000	1,778.556	18.55	0.6940	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Put			548.79000	631.056	18.55	0.3060	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Put			2,626.18890	2,816.336	23.06	0.6659	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Call			821.98890	703.836	23.06	0.3341	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			4,698.16260	4,395.425	17.64	0.9749	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			22.36260	27.925	17.64	0.0251	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call			2,313.90750	2,077.087	17.77	0.7652	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put			348.10750	419.587	17.77	0.2348	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call			2,326.97820	2,088.974	17.73	0.7682	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put			341.17820	411.474	17.73	0.2318	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Put			1,403.49920	1,544.362	20.84	0.5091	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Call			1,279.29920	1,111.862	20.84	0.4909	0.00	0	30,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call			2,320.43290	2,083.020	17.75	0.7667	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put			344.63290	415.520	17.75	0.2333	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Call			1,026.41060	887.241	22.09	0.4009	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Put			2,069.31060	2,238.841	22.09	0.5991	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Put			215.62560	259.403	16.65	0.1686	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Call			2,672.72560	2,407.803	16.65	0.8314	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Put			1,496.75370	1,640.240	21.01	0.5180	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Call			1,273.85370	1,108.640	21.01	0.4820	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Call			1,887.00960	1,669.288	18.90	0.6578	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Put			679.90960	770.888	18.90	0.3422	0.00	0	250
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Put			313.72470	374.344	17.41	0.2151	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Call			2,445.32470	2,197.144	17.41	0.7849	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Put			1,640.59700	1,786.411	21.24	0.5259	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Call			1,296.99700	1,133.111	21.24	0.4741	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Call			1,975.46470	1,756.300	18.91	0.6631	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Put			699.06470	789.600	18.91	0.3369	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Put			2,229.99640	2,400.847	22.31	0.6024	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Call			1,056.39640	917.547	22.31	0.3976	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put			351.31420	411.281	17.52	0.2226	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Call			2,487.71420	2,237.981	17.52	0.7774	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Call			2,761.80790	2,491.520	16.69	0.8301	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Put		235.40790	274.820	16.69	0.1699	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Call		2,057.34890	1,837.150	18.92	0.6678	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Put		716.04890	806.450	18.92	0.3322	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Put		2,366.53640	2,538.140	22.47	0.6038	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Call		1,087.83640	948.840	22.47	0.3962	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put		251.12350	292.039	16.80	0.1718	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call		2,842.42350	2,572.739	16.80	0.8282	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put		1,762.94900	1,910.217	21.42	0.5307	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call		1,324.24900	1,160.917	21.42	0.4693	0.00	0	500
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put		385.84820	446.964	17.63	0.2282	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call		2,543.84820	2,294.264	17.63	0.7718	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Call		3,815.13210	3,508.845	15.69	0.9328	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Put		82.53210	87.345	15.69	0.0672	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Call		2,434.12610	2,194.907	18.05	0.7439	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Put		471.52610	543.407	18.05	0.2561	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call		1,438.92530	1,266.277	21.12	0.4965	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put		1,622.86110	1,761.625	21.13	0.5045	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call		1,432.00030	1,259.984	21.15	0.4945	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put		1,629.40030	1,768.484	21.15	0.5055	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put		1,616.32530	1,754.777	21.12	0.5035	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Put		2,762.29950	2,944.135	23.06	0.6360	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Call		1,004.89950	875.635	23.06	0.3640	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put		5,042.13450	5,269.933	27.09	0.7598	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call		664.73450	581.433	27.09	0.2402	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call		1,435.46110	1,263.125	21.13	0.4955	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Put		1,899.41910	2,048.179	21.59	0.5359	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call		1,352.21910	1,189.379	21.59	0.4641	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Call		2,145.41240	1,923.487	18.90	0.6728	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Put		732.61240	822.287	18.90	0.3272	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Put		2,510.38370	2,681.780	22.61	0.6048	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Call		1,123.18370	982.980	22.61	0.3952	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put		264.56070	307.150	16.85	0.1727	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call		2,927.36070	2,658.350	16.85	0.8273	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put		418.31270	481.245	17.72	0.2331	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call		2,595.61270	2,346.845	17.72	0.7669	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put		453.13410	512.733	17.78	0.2373	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call		2,645.23410	2,392.333	17.78	0.7627	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put		486.77440	546.075	17.85	0.2413	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call		2,698.27440	2,443.975	17.85	0.7587	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put		519.42310	579.105	17.92	0.2448	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call		2,750.22310	2,495.405	17.92	0.7552	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put		549.92250	609.724	17.98	0.2483	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call		2,791.12250	2,535.524	17.98	0.7517	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put		583.59600	642.729	18.03	0.2509	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call		2,850.79600	2,593.530	18.03	0.7491	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put		1,310.42900	1,412.525	20.15	0.3964	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	Call			2,167.82370	1,953.121	20.12	0.6055	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Put			1,298.22370	1,400.321	20.12	0.3945	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			2,163.92040	1,949.222	20.13	0.6046	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,304.32040	1,406.422	20.13	0.3954	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			2,160.02900	1,945.325	20.15	0.6036	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,443.12410	1,542.540	20.35	0.4043	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			2,205.52410	1,986.840	20.35	0.5957	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Call			2,348.74510	2,127.548	20.35	0.6083	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Put			1,439.84510	1,539.748	20.35	0.3917	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			2,345.08830	2,123.592	20.36	0.6074	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,446.18830	1,545.792	20.36	0.3926	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			2,341.44260	2,119.647	20.37	0.6066	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,452.54260	1,551.847	20.37	0.3934	0.00	0	0
<b>Total \$ / R Option</b>												<b>28,628,696.41</b>	<b>52,844</b>	<b>4,472,755</b>
<b>Total \$ / R</b>												<b>3,784,849,116.81</b>	<b>311,765</b>	<b>5,436,075</b>
\$ / R MAXI	On	17/09/2018	Foreign Exchange Future			14.40220		14.69550			0.0000	288,044.00	20	355
\$ / R MAXI	On	14/12/2018	Foreign Exchange Future			14.57110		14.86770			0.0000	0.00	0	70
\$ / R MAXI	On	18/03/2019	Foreign Exchange Future			14.75170		15.05240			0.0000	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Future			14.92500		15.22940			0.0000	0.00	0	0
<b>Total \$ / R MAXI Future</b>												<b>288,044.00</b>	<b>20</b>	<b>425</b>
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.01	Call			79,348.35420	56,091.010	21.30	0.6934	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.01	Put			10,798.35420	16,871.010	21.30	0.3066	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.02	Call			78,610.67910	55,454.186	21.32	0.6889	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.02	Put			11,060.67910	17,234.186	21.32	0.3111	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.00	Call			80,090.12470	56,732.708	21.27	0.6979	0.00	0	0
\$ / R MAXI	On	17/09/2018	Foreign Exchange Option	14.00	Put			10,540.12470	16,512.708	21.27	0.3021	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Put			128,703.43600	146,471.729	23.59	0.6854	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Call			48,473.43600	36,581.729	23.59	0.3146	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Call			62,253.05420	47,714.131	22.52	0.3932	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Put			95,483.05420	110,604.131	22.52	0.6068	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Call			61,919.15520	47,438.065	22.54	0.3913	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Put			96,149.15520	111,328.065	22.54	0.6087	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Call			62,588.84640	47,991.614	22.50	0.3950	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Put			94,818.84640	109,881.614	22.50	0.6050	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.04	Call			145,998.40540	123,683.304	19.19	0.6602	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.04	Put			44,758.40540	52,513.304	19.19	0.3398	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.02	Call			147,212.99560	124,745.636	19.15	0.6640	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.02	Put			43,972.99560	51,575.636	19.15	0.3360	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.03	Call			146,604.88250	124,213.160	19.17	0.6621	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.03	Put			44,364.88250	52,043.160	19.17	0.3379	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Call			152,204.84770	131,758.626	19.30	0.6197	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Put			66,264.84770	76,258.626	19.30	0.3803	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Call			151,674.76560	131,297.306	19.32	0.6181	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Put		66,734.76560	76,797.305	19.32	0.3819		0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Call		152,736.68270	132,222.262	19.29	0.6213		0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Put		65,796.68270	75,722.262	19.29	0.3787		0.00	0	0
<b>Total \$ / R MAXI Option</b>											<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total \$ / R MAXI</b>											<b>288,044.00</b>	<b>20</b>	<b>425</b>
£ / R	On 17/09/2018	Foreign Exchange Future			18.54970	18.77370			0.0000		37,099.40	2	197,756
£ / R	On 28/09/2018	Foreign Exchange Future			18.58560	18.81040			0.0000		0.00	0	14
£ / R	On 15/10/2018	Foreign Exchange Future			18.64190	18.86720			0.0000		18,641.90	1	3
£ / R	On 14/12/2018	Foreign Exchange Future			18.84020	19.06760			0.0000		3,462,922,961.00	183,805	205,083
£ / R	On 18/03/2019	Foreign Exchange Future			19.16590	19.39780			0.0000		0.00	0	4,932
£ / R	On 14/06/2019	Foreign Exchange Future			19.47670	19.71330			0.0000		0.00	0	6,156
£ / R	On 16/09/2019	Foreign Exchange Future			19.82200	20.06160			0.0000		0.00	0	4,645
<b>Total £ / R Future</b>											<b>3,462,978,702.30</b>	<b>183,808</b>	<b>418,589</b>
£ / R	On 17/09/2018	Foreign Exchange Option	18.25	Call		751.59770	572.752	20.31	0.6265		0.00	0	0
£ / R	On 17/09/2018	Foreign Exchange Option	18.25	Put		227.89770	273.052	20.31	0.3735		0.00	0	0
£ / R	On 17/09/2018	Foreign Exchange Option	18.26	Call		745.15610	566.924	20.32	0.6227		0.00	0	0
£ / R	On 17/09/2018	Foreign Exchange Option	18.26	Put		231.45610	277.225	20.32	0.3773		0.00	0	0
£ / R	On 17/09/2018	Foreign Exchange Option	18.24	Call		758.07480	578.619	20.30	0.6303		0.00	0	0
£ / R	On 17/09/2018	Foreign Exchange Option	18.24	Put		224.37480	268.919	20.30	0.3697		0.00	0	0
£ / R	On 28/09/2018	Foreign Exchange Option	17.65	Call		1,273.22550	1,068.432	19.55	0.8024		0.00	0	0
£ / R	On 28/09/2018	Foreign Exchange Option	17.65	Put		112.82550	132.832	19.55	0.1976		0.00	0	0
£ / R	On 28/09/2018	Foreign Exchange Option	17.66	Call		1,265.17390	1,060.769	19.56	0.7998		0.00	0	0
£ / R	On 28/09/2018	Foreign Exchange Option	17.66	Put		114.77390	135.169	19.56	0.2002		0.00	0	0
£ / R	On 28/09/2018	Foreign Exchange Option	17.64	Call		1,281.30290	1,076.118	19.54	0.8050		0.00	0	0
£ / R	On 28/09/2018	Foreign Exchange Option	17.64	Put		110.90290	130.518	19.54	0.1950		0.00	0	0
£ / R	On 15/10/2018	Foreign Exchange Option	19.08	Put		755.18120	850.411	20.77	0.5979		0.00	0	0
£ / R	On 15/10/2018	Foreign Exchange Option	19.08	Call		542.38120	412.312	20.77	0.4021		0.00	0	0
£ / R	On 14/12/2018	Foreign Exchange Option	18.12	Call		1,379.46390	1,194.640	18.92	0.6628		0.00	0	0
£ / R	On 14/12/2018	Foreign Exchange Option	18.12	Put		431.86390	474.440	18.92	0.3372		0.00	0	0
£ / R	On 14/12/2018	Foreign Exchange Option	18.13	Call		1,373.25250	1,188.750	18.93	0.6609		0.00	0	0
£ / R	On 14/12/2018	Foreign Exchange Option	18.13	Put		435.65250	478.550	18.93	0.3391		0.00	0	0
£ / R	On 14/12/2018	Foreign Exchange Option	18.11	Call		1,385.69540	1,200.550	18.91	0.6648		0.00	0	0
£ / R	On 14/12/2018	Foreign Exchange Option	18.11	Put		428.09540	470.350	18.91	0.3352		0.00	0	0
£ / R	On 18/03/2019	Foreign Exchange Option	18.00	Call		1,915.20830	1,719.312	18.44	0.6983		0.00	0	0
£ / R	On 18/03/2019	Foreign Exchange Option	18.00	Put		517.40830	553.412	18.44	0.3017		0.00	0	500
£ / R	On 18/03/2019	Foreign Exchange Option	21.44	Put		2,609.44610	2,747.999	21.39	0.7296		0.00	0	0
£ / R	On 18/03/2019	Foreign Exchange Option	21.44	Call		567.24610	473.899	21.39	0.2704		0.00	0	500
£ / R	On 18/03/2019	Foreign Exchange Option	18.30	Call		1,723.97650	1,537.536	18.55	0.6552		0.00	0	0
£ / R	On 18/03/2019	Foreign Exchange Option	18.30	Put		626.17650	671.636	18.55	0.3448		0.00	0	0
£ / R	On 18/03/2019	Foreign Exchange Option	18.31	Call		1,717.83350	1,531.939	18.56	0.6538		0.00	0	0
£ / R	On 18/03/2019	Foreign Exchange Option	18.31	Put		630.03350	676.039	18.56	0.3462		0.00	0	0
£ / R	On 18/03/2019	Foreign Exchange Option	18.29	Call		1,730.13940	1,543.150	18.55	0.6567		0.00	0	0
£ / R	On 18/03/2019	Foreign Exchange Option	18.29	Put		622.33940	667.250	18.55	0.3433		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call			1,944.73090	1,765.076	18.96	0.6351	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put			861.43090	918.376	18.96	0.3649	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Call			1,939.01850	1,759.879	18.96	0.6339	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put			865.71850	923.179	18.96	0.3661	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call			1,950.44920	1,770.287	18.95	0.6363	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put			857.14920	913.587	18.95	0.3637	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Call			2,259.39420	2,075.330	19.19	0.6398	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Put			1,027.79420	1,083.329	19.19	0.3602	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Call			2,270.46910	2,085.574	19.18	0.6418	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Put			1,018.86910	1,073.574	19.18	0.3582	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Call			2,264.92620	2,080.446	19.18	0.6408	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Put			1,023.32620	1,078.446	19.18	0.3592	0.00	0	0
<b>Total £ / R Option</b>												<b>0.00</b>	<b>0</b>	<b>1,000</b>
<b>Total £ / R</b>												<b>3,462,978,702.30</b>	<b>183,808</b>	<b>419,589</b>
¥ / R	On	23/08/2018	Foreign Exchange Future			0.13000		0.13260			0.0000	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Future			0.13030		0.13300			0.0000	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Future			0.13060		0.13331			0.0000	0.00	0	6,873
¥ / R	On	14/12/2018	Foreign Exchange Future			0.13299		0.13575			0.0000	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Future			0.13569		0.13851			0.0000	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Future			0.13829		0.14118			0.0000	0.00	0	0
<b>Total ¥ / R Future</b>												<b>0.00</b>	<b>0</b>	<b>6,873</b>
¥ / R	On	23/08/2018	Foreign Exchange Option	0.12	Call			1,279.62270	1,031.360	80.82	0.9143	0.00	0	0
¥ / R	On	23/08/2018	Foreign Exchange Option	0.12	Put			19.62270	31.360	80.82	0.0857	0.00	0	0
¥ / R	On	23/08/2018	Foreign Exchange Option	0.13	Call			448.31670	282.166	73.51	0.5109	0.00	0	0
¥ / R	On	23/08/2018	Foreign Exchange Option	0.13	Put			188.31670	282.166	73.51	0.4891	0.00	0	0
¥ / R	On	23/08/2018	Foreign Exchange Option	0.11	Call			2,260.89500	2,001.293	88.14	0.9952	0.00	0	0
¥ / R	On	23/08/2018	Foreign Exchange Option	0.11	Put			0.89500	1.293	88.14	0.0048	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.11	Put			1.87830	3.097	34.99	0.0094	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.12	Call			1,333.57650	1,084.763	34.05	0.8831	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.12	Put			33.57650	54.763	34.05	0.1169	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.13	Call			538.17590	375.083	33.11	0.5271	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.13	Put			238.17590	345.083	33.11	0.4729	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.11	Call			2,301.87830	2,033.097	34.99	0.9906	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.13	Call			503.40280	339.618	21.83	0.5428	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.13	Put			172.80280	279.518	21.83	0.4572	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.14	Call			139.28950	83.804	26.17	0.1734	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.14	Put			808.68950	1,023.704	26.17	0.8266	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.12	Call			1,340.76610	1,074.015	19.05	0.9515	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.12	Put			10.16610	13.915	19.05	0.0485	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Call			1,631.40630	1,393.469	17.49	0.8635	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Put			56.40630	94.369	17.49	0.1365	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Call			945.96990	785.339	21.22	0.5989	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Put			370.96990	486.239	21.22	0.4011	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	0.11	Call			2,593.38260	2,320.249	19.31	0.9645	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Put			18.38260	21.149	19.31	0.0355	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Call			2,112.86010	1,877.959	22.85	0.7873	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Put			261.66010	309.059	22.85	0.2127	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Call			1,433.83330	1,247.563	23.37	0.6295	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Put			582.63330	678.663	23.37	0.3705	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Call			2,941.52970	2,674.980	22.34	0.9076	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Put			90.32970	106.080	22.34	0.0924	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Call			1,616.66900	1,441.363	20.14	0.6669	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			498.76900	611.863	20.14	0.3331	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			1,164.64060	1,028.407	22.24	0.5156	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			1,046.74060	1,198.907	22.24	0.4844	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			2,271.02620	2,035.833	17.57	0.8351	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			153.12620	206.333	17.57	0.1649	0.00	0	0
<b>Total ¥ / R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total ¥ / R</b>												<b>0.00</b>	<b>0</b>	<b>6,873</b>
€ / R	On	07/09/2018	Foreign Exchange Future			16.58490		16.79730			0.0000	0.00	0	34
€ / R	On	11/09/2018	Foreign Exchange Future			16.59840		16.81120			0.0000	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Future			16.61920		16.83240			0.0000	2,077,400.00	125	97,885
€ / R	On	25/09/2018	Foreign Exchange Future			16.64740		16.86110			0.0000	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Future			16.93060		17.14730			0.0000	0.00	0	37,475
€ / R	On	18/03/2019	Foreign Exchange Future			17.28120		17.50270			0.0000	0.00	0	4,711
€ / R	On	14/06/2019	Foreign Exchange Future			17.61960		17.84530			0.0000	0.00	0	5,256
€ / R	On	14/08/2019	Foreign Exchange Future			17.86010		18.08940			0.0000	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Future			17.97830		18.20780			0.0000	0.00	0	0
<b>Total € / R Future</b>												<b>2,077,400.00</b>	<b>125</b>	<b>145,361</b>
€ / R	On	07/09/2018	Foreign Exchange Option	15.62	Put			29.40020	27.922	20.34	0.0826	0.00	0	0
€ / R	On	07/09/2018	Foreign Exchange Option	15.62	Call			1,206.70020	992.822	20.34	0.9174	0.00	0	0
€ / R	On	11/09/2018	Foreign Exchange Option	15.62	Put			35.74590	37.213	19.92	0.0976	0.00	0	0
€ / R	On	11/09/2018	Foreign Exchange Option	15.62	Call			1,226.94590	1,015.613	19.92	0.9024	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.00	Put			102.61470	124.421	19.80	0.2321	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.76	Put			389.13030	462.429	21.43	0.5460	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.76	Call			461.53030	321.629	21.43	0.4540	0.00	0	29,734
€ / R	On	17/09/2018	Foreign Exchange Option	19.56	Call			20.20560	8.212	28.13	0.0182	0.00	0	86,824
€ / R	On	17/09/2018	Foreign Exchange Option	17.11	Call			324.21180	214.774	22.67	0.3296	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.11	Put			601.81180	705.574	22.67	0.6704	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	14.25	Call			2,586.95310	2,373.153	24.74	0.9898	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	14.25	Put			4.55310	3.953	24.74	0.0102	0.00	0	57,090
€ / R	On	17/09/2018	Foreign Exchange Option	16.00	Call			935.01470	743.621	19.80	0.7679	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.12	Put			608.55580	713.093	22.71	0.6736	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.10	Call			327.49750	217.281	22.64	0.3327	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.10	Put			595.09750	698.081	22.64	0.6673	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	15.85	Call			1,057.51660	857.137	19.54	0.8208	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	15.85	Put			75.11660	87.937	19.54	0.1792	0.00	0	86,824
€ / R	On	17/09/2018	Foreign Exchange Option	19.56	Put			2,747.80560	2,949.012	28.13	0.9818	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	21.63	Put			4,803.60330	5,014.220	38.08	0.9937	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	21.63	Call			6.00330	3.421	38.08	0.0063	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	13.50	Call			3,334.61310	3,120.585	28.67	0.9966	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	13.50	Put			2.21310	1.385	28.67	0.0034	0.00	0	29,734
€ / R	On	17/09/2018	Foreign Exchange Option	17.12	Call			320.95580	212.293	22.71	0.3264	0.00	0	0
€ / R	On	25/09/2018	Foreign Exchange Option	16.09	Put			152.55610	181.342	19.77	0.2787	0.00	0	0
€ / R	On	25/09/2018	Foreign Exchange Option	16.09	Call			923.65610	738.742	19.77	0.7213	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Call			563.21930	450.703	21.70	0.3476	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Put			1,305.91930	1,410.103	21.70	0.6524	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Call			560.49020	448.377	21.72	0.3461	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Put			1,313.19020	1,417.777	21.72	0.6539	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Call			565.96300	453.039	21.68	0.3492	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Put			1,298.66300	1,402.439	21.68	0.6508	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			1,772.35380	1,578.466	17.60	0.7205	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			399.65380	427.266	17.60	0.2795	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			356.42390	381.444	17.48	0.2584	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			1,859.12390	1,662.644	17.48	0.7416	0.00	0	650
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call			1,765.80620	1,572.122	17.61	0.7188	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put			403.10620	430.922	17.61	0.2812	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call			1,759.27670	1,565.801	17.62	0.7172	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Put			406.57670	434.601	17.62	0.2828	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call			1,699.32620	1,520.155	17.83	0.6371	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put			724.02620	770.555	17.83	0.3629	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Call			1,693.92330	1,515.317	17.85	0.6357	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put			728.62330	775.717	17.85	0.3643	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call			1,704.73890	1,525.004	17.81	0.6385	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put			719.43890	765.404	17.81	0.3615	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Put			416.80740	432.521	16.72	0.2310	0.00	0	31,200
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Call			2,476.20740	2,262.621	16.72	0.7690	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Put			2,499.54240	2,611.166	21.04	0.6384	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Call			938.94240	821.266	21.04	0.3616	0.00	0	62,400
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Call			2,326.89180	2,125.306	16.90	0.7428	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Put			477.49180	505.206	16.90	0.2572	0.00	0	31,200
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Put			1,212.81820	1,276.714	18.64	0.4388	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Call			1,636.50910	1,471.210	18.65	0.5600	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Put			1,218.70910	1,282.911	18.65	0.4400	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Call			1,644.74000	1,478.831	18.62	0.5623	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Put			1,206.94000	1,270.531	18.62	0.4377	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Call			1,640.61820	1,475.015	18.64	0.5612	0.00	0	0
<b>Total € / R Option</b>												<b>0.00</b>	<b>0</b>	<b>415,656</b>
<b>Total € / R</b>												<b>2,077,400.00</b>	<b>125</b>	<b>561,017</b>
AU\$ / R	On	17/09/2018	Foreign Exchange Future			10.58520		10.74320			0.0000	0.00	0	11,333

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 Future			10.71240		10.87240			0.0000	0.00	0	11,820
AU\$ / R	On	18/03/2019	Foreign Exchange Future			10.85240		11.01520			0.0000	0.00	0	510
AU\$ / R	On	14/06/2019	Foreign Exchange Future			10.99070		11.15680			0.0000	0.00	0	4,929
<b>Total AU\$ / R Future</b>												<b>0.00</b>	<b>0</b>	<b>28,592</b>
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.11	Call			114.22080	62.884	20.32	0.1982	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.11	Put			481.02080	587.684	20.32	0.8018	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.12	Call			111.98680	61.443	20.36	0.1943	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.12	Put			488.78680	596.243	20.36	0.8057	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.13	Call			109.79520	60.036	20.41	0.1904	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.13	Put			496.59520	604.836	20.41	0.8096	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Put			854.67670	954.028	18.74	0.7302	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Call			241.67360	180.085	18.69	0.2746	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Put			839.27360	937.685	18.69	0.7254	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Call			239.36350	178.245	18.72	0.2722	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Put			846.96350	945.845	18.72	0.7278	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Call			237.07670	176.428	18.74	0.2698	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			247.40400	281.218	15.39	0.3209	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Call			905.95620	777.733	15.41	0.6760	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Put			250.75620	285.333	15.41	0.3240	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Call			899.33540	771.883	15.42	0.6729	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Put			254.13540	289.483	15.42	0.3271	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			912.60400	783.618	15.39	0.6791	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Put			588.92280	653.147	16.27	0.4755	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Call			731.32270	629.866	16.29	0.5221	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Put			594.52270	659.166	16.29	0.4779	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Call			740.14850	637.856	16.25	0.5269	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Put			583.34850	647.156	16.25	0.4731	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Call			735.72280	633.847	16.27	0.5245	0.00	0	0
<b>Total AU\$ / R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total AU\$ / R</b>												<b>0.00</b>	<b>0</b>	<b>28,592</b>
CAD/ R	On	14/12/2018	Foreign Exchange Future			11.18930		11.39510			0.0000	0.00	0	590
CAD/ R	On	18/03/2019	Foreign Exchange Future			11.34410		11.55370			0.0000	0.00	0	0
<b>Total CAD/ R Future</b>												<b>0.00</b>	<b>0</b>	<b>590</b>
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Call			1,934.77870	1,732.671	18.24	0.9526	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Put			19.67870	23.371	18.24	0.0474	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Call			1,925.13950	1,723.079	18.21	0.9518	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Put			20.03950	23.779	18.21	0.0482	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Call			1,944.42400	1,742.268	18.26	0.9534	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Put			19.32400	22.968	18.26	0.0466	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Call			1,073.71950	908.973	16.46	0.6946	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Put			250.01950	294.873	16.46	0.3054	0.00	0	0



Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Call			1,066.99180	902.668	16.47	0.6920	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Put			253.29180	298.568	16.47	0.3080	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Call			1,080.47760	915.306	16.46	0.6973	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Put			246.77760	291.206	16.46	0.3027	0.00	0	0
<b>Total CAD/ R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total CAD/ R</b>												<b>0.00</b>	<b>0</b>	<b>590</b>
CF CANDCO	On	15/10/2018	Foreign Exchange Future			530.11300		553.00110			0.0000	0.00	0	25,000
<b>Total CF CANDCO CC01 Future</b>												<b>0.00</b>	<b>0</b>	<b>25,000</b>
<b>Total CF CANDCO CC01</b>												<b>0.00</b>	<b>0</b>	<b>25,000</b>
CHF / R	On	17/09/2018	Foreign Exchange Future			14.59640		14.81040			0.0000	0.00	0	1,975
CHF / R	On	14/12/2018	Foreign Exchange Future			14.88350		15.10160			0.0000	0.00	0	770
CHF / R	On	18/03/2019	Foreign Exchange Future			15.20860		15.43180			0.0000	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Future			15.52180		15.75010			0.0000	3,104,360.00	200	150
<b>Total CHF / R Future</b>												<b>3,104,360.00</b>	<b>200</b>	<b>2,895</b>
CHF / R	On	17/09/2018	Foreign Exchange Option	15.05	Call			292.61720	183.871	22.82	0.3220	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.05	Put			532.21720	637.471	22.82	0.6780	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.03	Call			299.17270	188.721	22.73	0.3291	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.03	Put			518.77270	622.321	22.73	0.6709	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.04	Call			295.87720	186.280	22.78	0.3255	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.04	Put			525.47720	629.880	22.78	0.6745	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Call			1,992.87120	1,780.328	19.47	0.8741	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Put			101.27120	106.828	19.47	0.1259	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			1,983.95150	1,771.365	19.44	0.8730	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			102.35150	107.865	19.44	0.1270	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			2,001.80090	1,789.300	19.50	0.8753	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			100.20090	105.800	19.50	0.1247	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			1,430.95720	1,243.471	18.51	0.6629	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			479.15720	514.871	18.51	0.3371	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			1,443.42210	1,254.587	18.48	0.6667	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			471.62210	505.987	18.48	0.3333	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Call			1,437.18240	1,249.018	18.50	0.6648	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Put			475.38240	510.418	18.50	0.3352	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			1,636.06870	1,446.345	18.30	0.6568	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			605.96870	644.545	18.30	0.3432	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			1,630.20930	1,440.637	18.30	0.6553	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			610.10930	648.837	18.30	0.3447	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			1,624.37130	1,434.950	18.31	0.6538	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			614.27130	653.150	18.31	0.3462	0.00	0	0
<b>Total CHF / R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
<b>Total CHF / R</b>												<b>3,104,360.00</b>	<b>200</b>	<b>2,895</b>
CNH / R	On	17/09/2018	Foreign Exchange Future			2.10530		2.14390			0.0000	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Future			2.12540		2.16470			0.0000	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Future			2.14670		2.18670			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.16710		2.20790			0.0000	0.00	0	0
<b>Total CNH / R Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
CNH / R	On	17/09/2018	Foreign Exchange Option	2.13	Put			428.14860	596.799	20.15	0.5736	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.14	Call			519.23370	316.211	20.39	0.3947	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.14	Put			480.23370	663.211	20.39	0.6053	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.15	Call			474.53730	285.582	20.63	0.3645	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.15	Put			535.53730	732.582	20.63	0.6355	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.13	Call			567.14860	349.799	20.15	0.4264	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Call			2,670.66360	2,304.313	17.95	0.8667	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Put			123.66360	150.313	17.95	0.1333	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Call			2,580.95280	2,217.278	17.83	0.8567	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Put			133.95280	163.278	17.83	0.1433	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Call			2,761.08690	2,392.254	18.07	0.8762	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Put			114.08690	138.254	18.07	0.1238	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Call			1,695.65990	1,422.818	17.47	0.6059	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Put			728.65990	855.818	17.47	0.3941	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Call			1,638.81040	1,373.605	17.56	0.5917	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Put			771.81040	906.604	17.56	0.4083	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Call			1,753.99340	1,473.575	17.39	0.6201	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Put			686.99340	806.575	17.39	0.3799	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			2,747.09800	2,411.969	16.94	0.7477	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			468.09800	540.969	16.94	0.2523	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			2,671.87070	2,344.310	16.96	0.7369	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			492.87070	573.310	16.96	0.2631	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			2,823.26780	2,480.845	16.92	0.7584	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			444.26780	509.845	16.92	0.2416	0.00	0	0
<b>Total CNH / R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total CNH / R</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
CURRENCO	On	06/11/2018	Foreign Exchange Future			567.64930		713.52650			0.0000	0.00	0	0
<b>Total CURRENCY CANDO CX05 Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total CURRENCY CANDO CX05</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
DKK / R	On	17/09/2018	Foreign Exchange Future			2.23560		2.26460			0.0000	0.00	0	245
DKK / R	On	14/12/2018	Foreign Exchange Future			2.27980		2.30920			0.0000	0.00	0	235
DKK / R	On	18/03/2019	Foreign Exchange Future			2.32750		2.35780			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.37360		2.40440			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
<b>Total DKK / R Future</b>												<b>0.00</b>	<b>0</b>	<b>480</b>
DKK / R	On	17/09/2018	Foreign Exchange Option	2.35	Call			268.27390	160.826	22.32	0.2143	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.35	Put			1,122.27390	1,304.826	22.32	0.7857	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.36	Call			243.76950	144.924	22.49	0.1964	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.36	Put			1,197.76950	1,388.924	22.49	0.8036	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.37	Call			221.19340	130.517	22.66	0.1797	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.37	Put			1,275.19340	1,474.517	22.66	0.8203	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Put			182.57610	200.981	17.48	0.1626	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Call			2,393.37690	2,120.007	17.52	0.8246	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Put			201.37690	222.007	17.52	0.1754	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Call			2,313.53770	2,042.549	17.57	0.8112	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Put			221.53770	244.549	17.57	0.1888	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Call			2,474.57610	2,198.981	17.48	0.8374	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Call			1,824.69760	1,597.842	17.79	0.6125	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Put			846.69760	922.842	17.79	0.3875	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Call			1,937.92600	1,704.171	17.67	0.6381	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Put			759.92600	829.171	17.67	0.3619	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Call			1,879.01860	1,648.747	17.71	0.6254	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Put			801.01860	873.747	17.71	0.3746	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			3,127.61670	2,866.154	17.25	0.7714	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			483.61670	530.154	17.25	0.2286	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			3,055.38890	2,796.276	17.28	0.7620	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			511.38890	560.276	17.28	0.2380	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			2,985.26470	2,727.493	17.31	0.7524	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			541.26470	591.493	17.31	0.2476	0.00	0	0
<b>Total DKK / R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total DKK / R</b>												<b>0.00</b>	<b>0</b>	<b>480</b>
HK\$/R	On	17/09/2018	Foreign Exchange Future			1.83570		1.87300			0.0000	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Future			1.86000		1.89780			0.0000	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Future			1.88540		1.92390			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			1.90950		1.94860			0.0000	0.00	0	0
<b>Total HK\$/R Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.85	Call			606.22860	384.103	22.61	0.4620	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.85	Put			376.22860	527.103	22.61	0.5380	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.86	Call			557.06420	347.120	22.87	0.4284	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.86	Put			427.06420	590.120	22.87	0.5716	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.84	Call			661.42420	426.197	22.44	0.4969	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.84	Put			331.42420	469.197	22.44	0.5031	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Call			3,419.34280	3,044.655	19.70	0.9501	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Put			41.34280	44.655	19.70	0.0499	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Call			3,324.41990	2,950.450	19.63	0.9445	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Put			46.41990	50.451	19.63	0.0555	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Call			3,230.01830	2,856.875	19.56	0.9383	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Put			52.01830	56.875	19.56	0.0617	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Call			1,900.19230	1,613.669	19.30	0.6659	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Put			561.19230	659.669	19.30	0.3341	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Call			1,837.69880	1,557.028	19.37	0.6515	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Put			598.69880	703.028	19.37	0.3485	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Call			1,964.17580	1,671.899	19.23	0.6801	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Put			525.17580	617.899	19.23	0.3199	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			2,419.05630	2,120.673	18.68	0.7150	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			533.05630	625.673	18.68	0.2850	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			2,355.21540	2,059.676	18.75	0.7030	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			569.21540	664.676	18.75	0.2970	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			2,484.29660	2,183.066	18.62	0.7269	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			498.29660	588.066	18.62	0.2731	0.00	0	0
<b>Total HK\$/R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total HK\$/R</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
KES / R	On	17/09/2018	Foreign Exchange Future			0.14210		0.14510			0.0000	0.00	0	562
KES / R	On	14/12/2018	Foreign Exchange Future			0.14120		0.14500			0.0000	0.00	0	0
KES / R	On	18/03/2019	Foreign Exchange Future			0.14180		0.14470			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.14150		0.14440			0.0000	0.00	0	1,628
<b>Total KES / R Future</b>												<b>0.00</b>	<b>0</b>	<b>2,190</b>
<b>Total KES / R</b>												<b>0.00</b>	<b>0</b>	<b>2,190</b>
NOK/R	On	17/09/2018	Foreign Exchange Future			1.71220		1.73710			0.0000	0.00	0	0
NOK/R	On	14/12/2018	Foreign Exchange Future			1.73870		1.76390			0.0000	0.00	0	0
NOK/R	On	18/03/2019	Foreign Exchange Future			1.76710		1.79300			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.79460		1.82060			0.0000	0.00	0	0
<b>Total NOK/R Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total NOK/R</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
NZ\$ / R	On	17/09/2018	Foreign Exchange Future			9.60970		9.72810			0.0000	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Future			9.72430		9.84400			0.0000	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Future			9.85310		9.97440			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			9.98140		10.10430			0.0000	0.00	0	0
<b>Total NZ\$ / R Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.93	Call			151.91000	97.412	20.92	0.2919	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.93	Put			353.81000	417.712	20.92	0.7081	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.94	Call			148.87840	95.141	20.97	0.2864	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.94	Put			360.77840	425.441	20.97	0.7136	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.92	Call			154.99700	99.733	20.87	0.2976	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.92	Put			346.89700	410.033	20.87	0.7024	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Call			998.69210	887.424	17.19	0.8241	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Put			84.69210	93.124	17.19	0.1759	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Call			990.59610	879.521	17.20	0.8210	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Put			86.59610	95.221	17.20	0.1790	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Call			1,006.81910	895.360	17.19	0.8272	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Put			82.81910	91.060	17.19	0.1728	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Put			327.49280	357.181	17.18	0.3739	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Call			766.33540	675.013	17.20	0.6229	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Put			331.93540	361.913	17.20	0.3771	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Call			777.48640	685.582	17.16	0.6292	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Put			323.08640	352.482	17.16	0.3708	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Call			771.89280	680.281	17.18	0.6261	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			742.18410	660.636	17.60	0.5471	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			557.88410	599.236	17.60	0.4529	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			737.68140	656.396	17.61	0.5446	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			563.38140	604.996	17.61	0.4554	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			746.71320	664.906	17.58	0.5496	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			552.41320	593.506	17.58	0.4504	0.00	0	0
<b>Total NZ\$ / R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total NZ\$ / R</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
PULA / R	On	17/09/2018	Foreign Exchange Future			1.34390		1.36320			0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Future			1.35290		1.37220			0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Future			1.36330		1.38280			0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Future			1.37320		1.39290			0.0000	0.00	0	0
<b>Total PULA / R Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
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			68.00000	261.000		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			168.00000	361.000		1.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.36	Call			32.00000	0.000		0.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.36	Put			0.00000	161.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Call			1,122.00000	929.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.27	Call			1,022.00000	829.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.27	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.25	Call			1,222.00000	1,029.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.25	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Call			428.00000	233.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Call			328.00000	133.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.33	Call			528.00000	333.000		1.0000	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
PULA / R	On	18/03/2019		Foreign Exchange Option	1.33	Put		0.00000		0.0000	0.00	0	0
PULA / R	On	14/06/2019		Foreign Exchange Option	1.32	Call	729.00000	532.000		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	629.00000	432.000		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	829.00000	632.000		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
<b>Total PULA / R Option</b>											<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total PULA / R</b>											<b>0.00</b>	<b>0</b>	<b>0</b>
QUANTO £	On	17/09/2018		Foreign Exchange Future	1.28800		1.27750			0.0000	0.00	0	20
<b>Total QUANTO £ / \$ Future</b>											<b>0.00</b>	<b>0</b>	<b>20</b>
<b>Total QUANTO £ / \$</b>											<b>0.00</b>	<b>0</b>	<b>20</b>
QUANTO €	On	17/09/2018		Foreign Exchange Future	1.15390		1.14540			0.0000	0.00	0	240
<b>Total QUANTO € / \$ Future</b>											<b>0.00</b>	<b>0</b>	<b>240</b>
<b>Total QUANTO € / \$</b>											<b>0.00</b>	<b>0</b>	<b>240</b>
R / ¥	On	23/08/2018		Foreign Exchange Future	7.69340	0.12995	7.53900			0.0000	0.00	0	0
R / ¥	On	06/09/2018		Foreign Exchange Future	7.67370	0.12995	7.51820			0.0000	0.00	0	0
<b>Total R / ¥ Future</b>											<b>0.00</b>	<b>0</b>	<b>0</b>
R / ¥	On	23/08/2018		Foreign Exchange Option	8.70	Put	0.12995	11,610.29070	10,066.381	50.27	0.9995	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.70	Call	0.12995	0.29070	0.381	50.27	0.0005	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.27	Put	0.12995	7,311.33100	5,770.034	38.46	0.9942	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.27	Call	0.12995	1.33100	4.034	38.46	0.0058	0.00	13,000
R / ¥	On	23/08/2018		Foreign Exchange Option	8.07	Call	0.12995	10.02640	26.782	35.18	0.0342	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.07	Put	0.12995	5,320.02640	3,792.782	35.18	0.9658	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.30	Call	0.12995	0.97780	2.984	38.87	0.0044	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.30	Put	0.12995	7,610.97780	6,068.984	38.87	0.9956	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.35	Put	0.12995	8,110.80040	6,567.805	39.56	0.9973	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.35	Call	0.12995	0.80040	1.805	39.56	0.0027	0.00	20,000
R / ¥	On	23/08/2018		Foreign Exchange Option	8.31	Call	0.12995	0.93810	2.699	39.01	0.0040	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.31	Put	0.12995	7,710.93810	6,168.699	39.01	0.9960	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.32	Call	0.12995	0.90070	2.441	39.15	0.0036	0.00	0
R / ¥	On	23/08/2018		Foreign Exchange Option	8.32	Put	0.12995	7,810.90070	6,268.441	39.15	0.9964	0.00	0
R / ¥	On	06/09/2018		Foreign Exchange Option	8.26	Put	0.12995	7,465.97800	5,934.533	21.21	0.9491	0.00	0
R / ¥	On	06/09/2018		Foreign Exchange Option	8.26	Call	0.12995	47.97800	71.533	21.21	0.0509	0.00	25,000
<b>Total R / ¥ Option</b>											<b>0.00</b>	<b>0</b>	<b>58,000</b>
<b>Total R / ¥</b>											<b>0.00</b>	<b>0</b>	<b>58,000</b>

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 Future			7.65690	0.12995	7.50150			0.0000	0.00	0	0
<b>Total R / ¥EN Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.61	Call		0.12995	29.57400	25.349	20.11	0.0171	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.61	Put		0.12995	11,114.57400	9,556.349	20.11	0.9829	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.62	Call		0.12995	29.06540	23.958	20.12	0.0163	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.62	Put		0.12995	11,214.06540	9,654.958	20.12	0.9837	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.60	Call		0.12995	30.09630	26.816	20.10	0.0180	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.60	Put		0.12995	11,015.09630	9,457.816	20.10	0.9820	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.17	Call		0.12995	102.92720	220.206	19.40	0.1145	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.17	Put		0.12995	6,787.92720	5,351.206	19.40	0.8855	0.00	0	0
<b>Total R / ¥EN Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total R / ¥EN</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
SGD / R	On	17/09/2018	Foreign Exchange Future			10.53310		10.71930			0.0000	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Future			10.67850		10.86660			0.0000	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Future			10.83840		11.03090			0.0000	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Future			10.99430		11.18800			0.0000	0.00	0	0
<b>Total SGD / R Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
SGD / R	On	17/09/2018	Foreign Exchange Option	10.00	Call			748.45500	572.690	18.37	0.8565	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.00	Put			29.15500	39.590	18.37	0.1435	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.01	Call			739.44830	564.416	18.39	0.8516	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.01	Put			30.14830	41.316	18.39	0.1484	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	9.99	Call			757.49010	581.509	18.42	0.8603	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	9.99	Put			28.19010	38.409	18.42	0.1397	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Call			1,535.17570	1,353.742	17.86	0.9121	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Put			38.57570	45.242	17.86	0.0879	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Call			1,525.86600	1,344.523	17.83	0.9107	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Put			39.26600	46.023	17.83	0.0893	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Call			1,544.49620	1,362.973	17.89	0.9135	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Put			37.89620	44.473	17.89	0.0865	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Call			976.25060	828.400	17.01	0.6664	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Put			285.35060	330.000	17.01	0.3336	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			969.87610	822.759	17.03	0.6636	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			288.97610	334.359	17.03	0.3364	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			982.65100	834.069	16.99	0.6693	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			281.75100	325.669	16.99	0.3307	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Call			1,403.37340	1,242.056	16.51	0.7614	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Put			215.37340	247.756	16.51	0.2386	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Call			1,395.95470	1,235.157	16.52	0.7593	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Put			217.95470	250.857	16.52	0.2407	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Call			1,410.81640	1,248.980	16.50	0.7636	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Put			212.81640	244.680	16.50	0.2364	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
<b>Total SGD / R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total SGD / R</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
TRY / R	On	17/09/2018	Foreign Exchange Future			2.33690		2.33760			0.0000	0.00	0	5,270
TRY / R	On	14/12/2018	Foreign Exchange Future			2.21610		2.21810			0.0000	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Future			2.10520		2.10420			0.0000	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Future			2.00890		2.01160			0.0000	0.00	0	0
<b>Total TRY / R Future</b>												<b>0.00</b>	<b>0</b>	<b>5,270</b>
TRY / R	On	17/09/2018	Foreign Exchange Option	3.36	Call			1.59400	2.464	61.44	0.0183	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.36	Put			1,023.99400	1,025.564	61.44	0.9817	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.37	Call			1.51020	2.347	61.44	0.0176	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.37	Put			1,033.91020	1,035.447	61.44	0.9824	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.35	Call			1.68220	2.587	61.44	0.0192	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.35	Put			1,014.08220	1,015.687	61.44	0.9808	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Call			20.16140	15.498	35.24	0.0836	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Put			772.06140	769.398	35.24	0.9164	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Call			19.49650	14.936	35.24	0.0810	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Put			781.39650	778.836	35.24	0.9190	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Call			20.84720	16.079	35.24	0.0862	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Put			762.74720	759.979	35.24	0.9138	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Call			51.75920	45.464	32.90	0.1789	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Put			677.55920	670.264	32.90	0.8211	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Call			50.85510	44.635	32.99	0.1759	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Put			686.65510	679.435	32.99	0.8241	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Call			52.68470	46.314	32.81	0.1820	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Put			668.48470	661.114	32.81	0.8180	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Call			8.32690	6.497	31.38	0.0322	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Put			1,526.72690	1,527.597	31.38	0.9678	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Call			8.13180	6.334	31.38	0.0314	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Put			1,536.53180	1,537.434	31.38	0.9686	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Call			8.52670	6.664	31.38	0.0329	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Put			1,516.92670	1,517.764	31.38	0.9671	0.00	0	0
<b>Total TRY / R Option</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total TRY / R</b>												<b>0.00</b>	<b>0</b>	<b>5,270</b>
ZMW / R	On	17/09/2018	Foreign Exchange Future			1.39100		1.40480			0.0000	0.00	0	0
ZMW / R	On	14/12/2018	Foreign Exchange Future			1.33550		1.34900			0.0000	0.00	0	0
ZMW / R	On	18/03/2019	Foreign Exchange Future			1.27830		1.29250			0.0000	0.00	0	0
ZMW / R	On	14/06/2019	Foreign Exchange Future			1.23180		1.24610			0.0000	0.00	0	0
<b>Total ZMW / R Future</b>												<b>0.00</b>	<b>0</b>	<b>0</b>
<b>Total ZMW / R</b>												<b>0.00</b>	<b>0</b>	<b>0</b>



Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total Futures									7 224 668 926.70	443,074	1,599,845
Total Options									28 628 696.41	52,844	4,947,411
Grand Total:									7,253,297,623.11	495,918	6,547,256