



Johannesburg
Stock Exchange

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

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

www.jse.co.za

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

CURRENCY DERIVATIVES

CURRENCY DERIVATIVES DAILY MTM REPORT

DAILY SUMMARY FOR: 30/08/2018

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 30/08/2018 Foreign Exchange Future			14.65530		14.43010			0.0000	109,914,750.00	7,500	0
\$ / R On 31/08/2018 Foreign Exchange Future			14.69080		14.43010			0.0000	0.00	0	3,299
\$ / R On 03/09/2018 Foreign Exchange Future			14.69080		14.43450			0.0000	0.00	0	197
\$ / R On 06/09/2018 Foreign Exchange Future			14.69210		14.43790			0.0000	0.00	0	300
\$ / R On 07/09/2018 Foreign Exchange Future			14.69360		14.43890			0.0000	0.00	0	0
\$ / R On 13/09/2018 Foreign Exchange Future			14.70350		14.44850			0.0000	0.00	0	0
\$ / R On 17/09/2018 Foreign Exchange Future			14.71140		14.45730			0.0000	1,779,476,232.60	120,959	487,631
\$ / R On 25/09/2018 Foreign Exchange Future			14.72730		14.47510			0.0000	0.00	0	0
\$ / R On 26/09/2018 Foreign Exchange Future			14.72930		14.47730			0.0000	0.00	0	0
\$ / R On 28/09/2018 Foreign Exchange Future			14.73330		14.48170			0.0000	0.00	0	2,569
\$ / R On 02/10/2018 Foreign Exchange Future			14.74120		14.48930			0.0000	0.00	0	55
\$ / R On 12/10/2018 Foreign Exchange Future			14.76090		14.50820			0.0000	0.00	0	0
\$ / R On 17/10/2018 Foreign Exchange Future			14.77060		14.51770			0.0000	0.00	0	235
\$ / R On 22/10/2018 Foreign Exchange Future			14.78040		14.52720			0.0000	0.00	0	0
\$ / R On 25/10/2018 Foreign Exchange Future			14.78630		14.53280			0.0000	0.00	0	70
\$ / R On 29/10/2018 Foreign Exchange Future			14.79410		14.54040			0.0000	0.00	0	225
\$ / R On 31/10/2018 Foreign Exchange Future			14.79800		14.54420			0.0000	0.00	0	3,847
\$ / R On 01/11/2018 Foreign Exchange Future			14.79990		14.54610			0.0000	0.00	0	55
\$ / R On 05/11/2018 Foreign Exchange Future			14.80780		14.55370			0.0000	0.00	0	0
\$ / R On 13/11/2018 Foreign Exchange Future			14.82250		14.56900			0.0000	0.00	0	70
\$ / R On 16/11/2018 Foreign Exchange Future			14.82800		14.57480			0.0000	0.00	0	420

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	19/11/2018	Foreign Exchange Future			14.83360		14.58050			0.0000	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Future			14.84100		14.58810			0.0000	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Future			14.85200		14.59960			0.0000	0.00	0	461
\$ / R	On	30/11/2018	Foreign Exchange Future			14.85390		14.60150			0.0000	0.00	0	5,449
\$ / R	On	11/12/2018	Foreign Exchange Future			14.87480		14.62250			0.0000	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Future			14.88060		14.62820			0.0000	398,115,572.40	26,754	272,828
\$ / R	On	21/12/2018	Foreign Exchange Future			14.89420		14.64150			0.0000	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Future			14.91350		14.66050			0.0000	0.00	0	2,387
\$ / R	On	02/01/2019	Foreign Exchange Future			14.91740		14.66430			0.0000	0.00	0	55
\$ / R	On	18/01/2019	Foreign Exchange Future			14.94840		14.69480			0.0000	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Future			14.97160		14.71760			0.0000	0.00	0	55
\$ / R	On	31/01/2019	Foreign Exchange Future			14.97350		14.71950			0.0000	0.00	0	1,225
\$ / R	On	13/02/2019	Foreign Exchange Future			14.99870		14.74430			0.0000	0.00	0	70
\$ / R	On	28/02/2019	Foreign Exchange Future			15.02770		14.77280			0.0000	0.00	0	4,725
\$ / R	On	18/03/2019	Foreign Exchange Future			15.06260		14.80720			0.0000	2,494,426,810.40	165,604	37,219
\$ / R	On	27/03/2019	Foreign Exchange Future			15.08010		14.82430			0.0000	0.00	0	4,414
\$ / R	On	29/03/2019	Foreign Exchange Future			15.08400		14.82820			0.0000	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Future			15.09180		14.83580			0.0000	0.00	0	55
\$ / R	On	30/04/2019	Foreign Exchange Future			15.14610		14.88920			0.0000	0.00	0	1,280
\$ / R	On	31/05/2019	Foreign Exchange Future			15.20630		14.94840			0.0000	0.00	0	55
\$ / R	On	03/06/2019	Foreign Exchange Future			15.21210		14.95430			0.0000	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Future			15.23580		14.97600			0.0000	27,424,440.00	1,800	19,610
\$ / R	On	28/06/2019	Foreign Exchange Future			15.26620		15.00350			0.0000	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Future			15.27280		15.00940			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			15.27710		15.01340			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			15.33800		15.06850			0.0000	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Future			15.34020		15.07050			0.0000	0.00	0	55
\$ / R	On	13/08/2019	Foreign Exchange Future			15.36620		15.09410			0.0000	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Future			15.40320		15.12750			0.0000	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Future			15.40970		15.13380			0.0000	0.00	0	55
\$ / R	On	16/09/2019	Foreign Exchange Future			15.44080		15.16290			0.0000	48,484,112.00	3,140	11,708
\$ / R	On	30/09/2019	Foreign Exchange Future			15.47190		15.19200			0.0000	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Future			15.47640		15.19620			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			15.54100		15.25650			0.0000	0.00	0	55
\$ / R	On	29/11/2019	Foreign Exchange Future			15.60550		15.31680			0.0000	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Future			15.61220		15.32300			0.0000	0.00	0	55
\$ / R	On	13/12/2019	Foreign Exchange Future			15.63670		15.34590			0.0000	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Future			15.67670		15.38330			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			15.68120		15.38750			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			15.74570		15.44780			0.0000	0.00	0	55
\$ / R	On	02/03/2020	Foreign Exchange Future			15.81480		15.51220			0.0000	0.00	0	55
\$ / R	On	16/03/2020	Foreign Exchange Future			15.81590		15.54130			0.0000	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Future			15.88380		15.57670			0.0000	0.00	0	55
\$ / R	On	29/04/2020	Foreign Exchange Future			15.94390		15.63280			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			16.01960		15.70350			0.0000	0.00	0	1,055
\$ / R	On	12/06/2020	Foreign Exchange Future			16.04180		15.72430			0.0000	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	28/07/2020	Foreign Exchange Future			16.14420		15.82000			0.0000	0.00	0	84,000
\$ / R	On	14/09/2020	Foreign Exchange Future			16.25560		15.92670			0.0000	0.00	0	0
Total \$ / R Future												4,857,841,917.40	325,757	946,229
\$ / R	On	30/08/2018	Foreign Exchange Option	14.74	Call			11.35230	0.000	26.09	0.0000	0.00	0	0
\$ / R	On	30/08/2018	Foreign Exchange Option	14.74	Put			321.25230	84.700	26.09	1.0000	0.00	0	0
\$ / R	On	30/08/2018	Foreign Exchange Option	14.59	Put			187.39170	0.000	26.09	0.0000	0.00	0	0
\$ / R	On	30/08/2018	Foreign Exchange Option	14.59	Call			27.49170	65.300	26.09	1.0000	0.00	0	0
\$ / R	On	30/08/2018	Foreign Exchange Option	14.57	Put			170.92590	0.000	26.09	0.0000	0.00	0	0
\$ / R	On	30/08/2018	Foreign Exchange Option	14.57	Call			31.02590	85.300	26.09	1.0000	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.65	Put			1.57310	0.001	33.76	0.0000	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.65	Call			781.67310	1,040.801	33.76	1.0000	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	14.25	Call			221.86420	444.286	32.32	0.9648	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	14.25	Put			41.76420	3.486	32.32	0.0352	0.00	0	250
\$ / R	On	31/08/2018	Foreign Exchange Option	16.05	Put			1,619.99540	1,359.226	48.76	0.9997	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.80	Call			633.82070	890.825	35.41	0.9996	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	16.57	Put			2,139.94770	1,879.212	61.94	0.9999	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	16.57	Call			0.04770	0.012	61.94	0.0001	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	16.05	Call			0.09540	0.026	48.76	0.0003	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	14.42	Put			94.80950	12.663	29.62	0.1136	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	14.42	Call			104.90950	283.463	29.62	0.8864	0.00	0	250
\$ / R	On	31/08/2018	Foreign Exchange Option	13.00	Call			1,430.13470	1,690.800	29.36	1.0000	0.00	0	0
\$ / R	On	31/08/2018	Foreign Exchange Option	13.00	Put			0.03470	0.000	29.36	0.0000	0.00	0	500
\$ / R	On	31/08/2018	Foreign Exchange Option	13.80	Put			3.72070	0.025	35.41	0.0004	0.00	0	1,000
\$ / R	On	03/09/2018	Foreign Exchange Option	12.47	Put			0.06050	0.000	27.71	0.0000	0.00	0	0
\$ / R	On	03/09/2018	Foreign Exchange Option	12.47	Call			1,964.56050	2,220.800	27.71	1.0000	0.00	0	0
\$ / R	On	06/09/2018	Foreign Exchange Option	13.44	Put			2.57750	1.504	26.99	0.0082	0.00	0	15,000
\$ / R	On	06/09/2018	Foreign Exchange Option	13.44	Call			1,000.47750	1,253.604	26.99	0.9918	0.00	0	0
\$ / R	On	06/09/2018	Foreign Exchange Option	13.43	Call			1,010.37430	1,263.542	27.05	0.9922	0.00	0	0
\$ / R	On	06/09/2018	Foreign Exchange Option	13.43	Put			2.47430	1.442	27.05	0.0078	0.00	0	10,000
\$ / R	On	07/09/2018	Foreign Exchange Option	13.09	Call			1,350.23300	1,604.648	30.52	0.9951	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.09	Put			1.33300	1.048	30.52	0.0049	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	13.45	Put			3.83380	2.944	27.39	0.0139	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.45	Call			992.73380	1,246.544	27.39	0.9861	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	13.32	Put			2.58420	2.023	28.54	0.0095	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.80	Call			652.37330	902.019	24.31	0.9609	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	12.90	Call			1,539.66950	1,794.215	32.13	0.9971	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	12.90	Put			0.76950	0.615	32.13	0.0029	0.00	0	100
\$ / R	On	07/09/2018	Foreign Exchange Option	13.32	Call			1,121.48420	1,375.624	28.54	0.9905	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	13.90	Put			22.99850	11.490	23.42	0.0528	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	13.90	Call			561.89850	805.089	23.42	0.9472	0.00	0	600
\$ / R	On	07/09/2018	Foreign Exchange Option	14.45	Put			189.32090	93.350	22.19	0.2997	0.00	0	0
\$ / R	On	07/09/2018	Foreign Exchange Option	14.45	Call			178.22090	336.950	22.19	0.7003	0.00	0	20,000
\$ / R	On	07/09/2018	Foreign Exchange Option	13.80	Put			13.47330	8.419	24.31	0.0391	0.00	0	0
\$ / R	On	13/09/2018	Foreign Exchange Option	13.30	Put			5.84390	5.313	25.16	0.0197	0.00	0	747
\$ / R	On	13/09/2018	Foreign Exchange Option	13.30	Call			1,154.34390	1,408.813	25.16	0.9803	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	17/09/2018	Foreign Exchange Option	14.86	Call			129.70750	217.354	21.80	0.4272	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.86	Put			532.40750	365.954	21.80	0.5728	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.87	Call			127.46360	213.898	21.85	0.4220	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.87	Put			540.16360	372.498	21.85	0.5780	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.85	Call			131.98890	220.863	21.75	0.4325	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.85	Put			524.68890	359.463	21.75	0.5675	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.14	Put			1,694.06970	1,453.196	27.05	0.9348	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.14	Call			11.36970	24.596	27.05	0.0652	0.00	0	750
\$ / R	On	17/09/2018	Foreign Exchange Option	12.85	Call			1,610.32050	1,863.875	25.89	0.9914	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.85	Put			3.02050	2.475	25.89	0.0086	0.00	0	750
\$ / R	On	17/09/2018	Foreign Exchange Option	11.00	Call			3,457.33430	3,711.425	35.32	0.9999	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.00	Put			0.03430	0.025	35.32	0.0001	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.96	Call			1,501.48530	1,754.770	25.45	0.9884	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.96	Put			4.18530	3.370	25.45	0.0116	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.14	Put			762.26370	566.478	23.11	0.7033	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.14	Call			79.56370	137.878	23.11	0.2967	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.50	Call			1,958.35200	2,212.309	27.30	0.9967	0.00	0	4,600
\$ / R	On	17/09/2018	Foreign Exchange Option	12.50	Put			1.05200	0.909	27.30	0.0033	0.00	0	44,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.61	Call			1,848.76920	2,102.650	26.86	0.9955	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.61	Put			1.46920	1.250	26.86	0.0045	0.00	0	13,231
\$ / R	On	17/09/2018	Foreign Exchange Option	15.97	Put			1,528.53820	1,291.731	26.44	0.9145	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	15.97	Call			15.83820	33.131	26.44	0.0855	0.00	0	5,300
\$ / R	On	17/09/2018	Foreign Exchange Option	16.04	Put			1,596.51300	1,357.898	26.69	0.9235	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.04	Call			13.81300	29.298	26.69	0.0765	0.00	0	1,550
\$ / R	On	17/09/2018	Foreign Exchange Option	12.65	Call			1,808.95810	2,062.802	26.70	0.9950	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.65	Put			1.65810	1.402	26.70	0.0050	0.00	0	1,550
\$ / R	On	17/09/2018	Foreign Exchange Option	13.65	Put			21.31780	15.511	21.10	0.0525	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.65	Call			828.61780	1,076.911	21.10	0.9475	0.00	0	1,464
\$ / R	On	17/09/2018	Foreign Exchange Option	13.73	Call			753.28070	999.529	20.47	0.9384	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.73	Put			25.98070	18.129	20.47	0.0616	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	17.02	Put			2,564.89540	2,313.400	29.57	0.9856	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	17.02	Call			2.19540	4.800	29.57	0.0144	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.36	Call			1,107.93660	1,360.474	23.41	0.9699	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.36	Put			10.63660	9.074	23.41	0.0301	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.08	Put			1,635.47680	1,395.914	26.84	0.9282	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.08	Call			12.77680	27.314	26.84	0.0718	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.75	Call			2,707.40250	2,961.497	30.32	0.9996	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.75	Put			0.10250	0.097	30.32	0.0004	0.00	0	93,314
\$ / R	On	17/09/2018	Foreign Exchange Option	13.25	Call			1,215.54650	1,468.882	24.28	0.9754	0.00	0	1,250
\$ / R	On	17/09/2018	Foreign Exchange Option	13.25	Put			8.24650	7.482	24.28	0.0246	0.00	0	74,064
\$ / R	On	17/09/2018	Foreign Exchange Option	16.29	Put			1,841.20930	1,597.193	27.49	0.9494	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.29	Call			8.50930	18.593	27.49	0.0506	0.00	0	73,314
\$ / R	On	17/09/2018	Foreign Exchange Option	13.30	Put			9.25200	8.165	23.88	0.0269	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.30	Call			1,166.55200	1,419.565	23.88	0.9731	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	11.50	Call			2,957.35210	3,211.462	31.99	0.9998	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.50	Put			0.05210	0.062	31.99	0.0002	0.00	0	45,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	17/09/2018	Foreign Exchange Option	11.85	Call			2,607.44050	2,861.532	29.92	0.9995	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.85	Put			0.14050	0.132	29.92	0.0005	0.00	0	48,200
\$ / R	On	17/09/2018	Foreign Exchange Option	12.00	Call			2,457.52480	2,711.608	29.32	0.9992	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.00	Put			0.22480	0.208	29.32	0.0008	0.00	0	13,300
\$ / R	On	17/09/2018	Foreign Exchange Option	11.70	Call			2,757.38750	3,011.489	30.66	0.9997	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.70	Put			0.08750	0.089	30.66	0.0003	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.60	Call			2,857.36370	3,111.474	31.32	0.9997	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.60	Put			0.06370	0.074	31.32	0.0003	0.00	0	2,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.30	Call			2,157.87010	2,411.907	28.11	0.9981	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.30	Put			0.57010	0.507	28.11	0.0019	0.00	0	100
\$ / R	On	17/09/2018	Foreign Exchange Option	11.48	Call			2,977.35120	3,231.459	32.12	0.9998	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.48	Put			0.05120	0.059	32.12	0.0002	0.00	0	5,200
\$ / R	On	17/09/2018	Foreign Exchange Option	12.77	Put			2.37860	1.974	26.21	0.0069	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.77	Call			1,689.67860	1,943.374	26.21	0.9931	0.00	0	5,200
\$ / R	On	17/09/2018	Foreign Exchange Option	13.50	Put			14.81400	11.690	22.30	0.0392	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.50	Call			972.11400	1,223.090	22.30	0.9608	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.80	Put			2.60190	2.149	26.09	0.0075	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.80	Call			1,659.90190	1,913.549	26.09	0.9925	0.00	0	50
\$ / R	On	17/09/2018	Foreign Exchange Option	12.25	Put			0.48860	0.437	28.31	0.0016	0.00	0	40,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.25	Call			2,207.78860	2,461.837	28.31	0.9984	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	11.90	Call			2,557.46440	2,811.554	29.72	0.9994	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	11.90	Put			0.16440	0.154	29.72	0.0006	0.00	0	3,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.48	Call			1,978.28980	2,232.258	27.38	0.9969	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.48	Put			0.98980	0.858	27.38	0.0031	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.68	Call			1,779.11510	2,032.927	26.58	0.9946	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.68	Put			1.81510	1.527	26.58	0.0054	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.20	Put			7.35810	6.532	24.48	0.0216	0.00	0	4,500
\$ / R	On	17/09/2018	Foreign Exchange Option	13.20	Call			1,264.65810	1,517.932	24.48	0.9784	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.38	Call			2,078.02900	2,332.041	27.78	0.9977	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.38	Put			0.72900	0.641	27.78	0.0023	0.00	0	60,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.00	Put			4.70890	3.767	25.29	0.0129	0.00	0	70,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.00	Call			1,462.00890	1,715.167	25.29	0.9871	0.00	0	7,500
\$ / R	On	17/09/2018	Foreign Exchange Option	12.88	Call			1,580.60240	1,834.094	25.77	0.9907	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.88	Put			3.30240	2.694	25.77	0.0093	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	8.17	Call			6,287.30000	6,541.400	39.98	1.0000	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	8.17	Put			0.00000	0.000	39.98	0.0000	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.58	Call			1,878.64160	2,132.546	26.98	0.9959	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.58	Put			1.34160	1.146	26.98	0.0041	0.00	0	8,000
\$ / R	On	17/09/2018	Foreign Exchange Option	12.40	Call			2,058.07510	2,312.080	27.70	0.9975	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	12.40	Put			0.77510	0.680	27.70	0.0025	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.22	Call			1,245.00040	1,498.297	24.40	0.9772	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.22	Put			7.70040	6.897	24.40	0.0228	0.00	0	10,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.60	Put			18.86320	14.096	21.50	0.0476	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	13.60	Call			876.16320	1,125.496	21.50	0.9524	0.00	0	26,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.00	Call			531.24630	746.361	18.87	0.8856	0.00	0	60,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.00	Put			73.94630	34.961	18.87	0.1144	0.00	0	22,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	17/09/2018	Foreign Exchange Option	15.00	Put			644.27110	461.947	22.46	0.6423	0.00	0	50
\$ / R	On	17/09/2018	Foreign Exchange Option	15.00	Call			101.57110	173.347	22.46	0.3577	0.00	0	4,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.70	Put			413.93610	268.558	21.05	0.4841	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.70	Call			171.23610	279.958	21.05	0.5159	0.00	0	63,000
\$ / R	On	17/09/2018	Foreign Exchange Option	14.25	Call			365.10630	547.132	19.65	0.7740	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.25	Put			157.80630	85.732	19.65	0.2260	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.76	Put			2,306.21310	2,056.338	28.83	0.9775	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	16.76	Call			3.51310	7.738	28.83	0.0225	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.10	Call			1,363.17590	1,616.368	24.88	0.9833	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.10	Put			5.87590	4.968	24.88	0.0167	0.00	0	2,500
\$ / R	On	17/09/2018	Foreign Exchange Option	14.20	Put			137.77090	72.948	19.50	0.2008	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.20	Call			395.07090	584.348	19.50	0.7992	0.00	0	500
\$ / R	On	17/09/2018	Foreign Exchange Option	13.66	Put			21.84860	15.813	21.02	0.0535	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	13.66	Call			819.14860	1,067.213	21.02	0.9465	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.50	Put			283.42410	171.946	20.43	0.3663	0.00	0	0
\$ / R	On	17/09/2018	Foreign Exchange Option	14.50	Call			240.72410	383.346	20.43	0.6337	0.00	0	500
\$ / R	On	25/09/2018	Foreign Exchange Option	16.09	Put			1,644.22530	1,416.307	26.32	0.8896	0.00	0	0
\$ / R	On	25/09/2018	Foreign Exchange Option	16.09	Call			29.32530	53.607	26.32	0.1104	0.00	0	0
\$ / R	On	26/09/2018	Foreign Exchange Option	14.48	Put			316.84470	217.263	20.63	0.3698	1,268,818.84	5,840	40,000
\$ / R	On	26/09/2018	Foreign Exchange Option	14.48	Call			314.14470	466.563	20.63	0.6302	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.00	Call			1,488.56950	1,740.140	21.95	0.9800	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.00	Put			6.86950	6.840	21.95	0.0200	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	13.78	Put			65.35270	45.182	19.86	0.1106	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	13.78	Call			767.05270	998.482	19.86	0.8894	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	14.25	Call			444.28920	626.178	20.24	0.7301	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	14.25	Put			212.58920	142.878	20.24	0.2699	0.00	0	250
\$ / R	On	28/09/2018	Foreign Exchange Option	16.80	Put			2,328.79220	2,089.337	27.50	0.9510	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.80	Call			10.49220	22.637	27.50	0.0490	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	16.25	Put			1,796.31220	1,570.738	26.87	0.8954	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	16.25	Call			28.01220	54.038	26.87	0.1046	0.00	0	500
\$ / R	On	28/09/2018	Foreign Exchange Option	14.54	Put			361.67040	255.774	20.89	0.3999	0.00	0	0
\$ / R	On	28/09/2018	Foreign Exchange Option	14.54	Call			303.37040	449.074	20.89	0.6001	0.00	0	250
\$ / R	On	28/09/2018	Foreign Exchange Option	13.80	Put			68.69700	47.532	19.84	0.1154	0.00	0	1,000
\$ / R	On	28/09/2018	Foreign Exchange Option	13.80	Call			750.39700	980.832	19.84	0.8846	0.00	0	0
\$ / R	On	02/10/2018	Foreign Exchange Option	12.76	Put			4.97370	5.445	22.49	0.0151	0.00	0	0
\$ / R	On	02/10/2018	Foreign Exchange Option	12.76	Call			1,734.27370	1,986.645	22.49	0.9849	0.00	0	0
\$ / R	On	12/10/2018	Foreign Exchange Option	13.51	Put			49.35410	34.051	18.61	0.0780	0.00	0	0
\$ / R	On	12/10/2018	Foreign Exchange Option	13.51	Call			1,047.55410	1,284.951	18.61	0.9220	0.00	0	0
\$ / R	On	17/10/2018	Foreign Exchange Option	13.35	Put			35.12220	26.428	18.39	0.0606	0.00	0	0
\$ / R	On	17/10/2018	Foreign Exchange Option	13.35	Call			1,202.82220	1,447.028	18.39	0.9394	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	14.00	Put			188.64920	138.040	19.08	0.2170	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	14.00	Call			715.84920	918.440	19.08	0.7830	0.00	0	1,630
\$ / R	On	22/10/2018	Foreign Exchange Option	13.20	Call			1,355.23710	1,604.777	18.79	0.9469	0.00	0	0
\$ / R	On	22/10/2018	Foreign Exchange Option	13.20	Put			28.03710	24.377	18.79	0.0531	0.00	0	1,630
\$ / R	On	25/10/2018	Foreign Exchange Option	14.49	Put			422.39000	326.101	20.08	0.3833	0.00	0	0
\$ / R	On	25/10/2018	Foreign Exchange Option	14.49	Call			465.19000	622.401	20.08	0.6167	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	29/10/2018	Foreign Exchange Option	15.06	Put			807.49190	658.388	21.32	0.5647	0.00	0	0
\$ / R	On	29/10/2018	Foreign Exchange Option	15.06	Call			287.89190	392.488	21.32	0.4353	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.25	Call			611.00300	789.839	19.50	0.6949	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.25	Put			316.80300	241.839	19.50	0.3051	0.00	0	250
\$ / R	On	31/10/2018	Foreign Exchange Option	14.67	Put			545.89820	431.141	20.34	0.4421	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.67	Call			420.09820	559.141	20.34	0.5579	0.00	0	250
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Call			1,569.73340	1,823.922	19.62	0.9498	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Put			25.53340	25.922	19.62	0.0502	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Put			187.87240	141.580	18.98	0.2085	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Call			802.07240	1,009.580	18.98	0.7915	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Put			146.77450	111.804	18.86	0.1743	0.00	0	1,000
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Call			890.97450	1,109.804	18.86	0.8257	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Put			2,530.46370	2,303.954	26.49	0.8901	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Call			54.66370	81.954	26.49	0.1099	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Put			2,012.95990	1,799.459	25.21	0.8360	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Call			87.15990	127.459	25.21	0.1640	0.00	0	500
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Put			20.29650	21.121	20.40	0.0404	0.00	0	0
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Call			1,756.39650	2,011.021	20.40	0.9596	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Put			2,331.71580	2,110.693	25.78	0.8628	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Call			75.41580	108.493	25.78	0.1372	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Put			6.75170	7.653	23.76	0.0140	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Call			2,660.45170	2,915.453	23.76	0.9860	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Call			868.94610	1,081.237	18.79	0.8056	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Put			175.24610	133.437	18.79	0.1944	0.00	0	1,880
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Put			702.36860	568.874	20.50	0.4923	0.00	0	0
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Call			411.36860	531.374	20.50	0.5077	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.72	Put			619.09860	498.384	20.22	0.4503	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.72	Call			473.89860	606.384	20.22	0.5497	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.89	Call			415.96860	533.820	20.60	0.5015	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.89	Put			731.16860	595.820	20.60	0.4985	0.00	0	15,000
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Call			3,746.73410	4,000.559	26.53	0.9956	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Put			1.93410	2.559	26.53	0.0044	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Put			59.06560	50.735	18.59	0.0840	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Call			1,413.86560	1,658.735	18.59	0.9160	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.74	Put			631.87780	509.336	20.26	0.4561	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.74	Call			466.67780	597.336	20.26	0.5439	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Put			7.01610	6.877	23.50	0.0119	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Call			2,911.81610	3,164.877	23.50	0.9881	0.00	0	0
\$ / R	On	19/11/2018	Foreign Exchange Option	14.84	Put			701.98820	570.742	20.36	0.4827	0.00	0	0
\$ / R	On	19/11/2018	Foreign Exchange Option	14.84	Call			442.48820	564.342	20.36	0.5173	0.00	0	10,000
\$ / R	On	23/11/2018	Foreign Exchange Option	14.62	Put			572.38240	460.541	19.90	0.4191	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Option	14.62	Call			540.48240	681.541	19.90	0.5809	0.00	0	20,400
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Put			116.54360	90.084	18.13	0.1288	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Call			1,256.14360	1,482.084	18.13	0.8712	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Put			310.91320	241.218	18.74	0.2690	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Call			832.41320	1,015.118	18.74	0.7310	0.00	0	500

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Call			739.53830	908.829	19.07	0.6849	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Put			388.03830	304.929	19.07	0.3151	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Put			2,239.65220	2,030.745	24.91	0.8090	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Call			1,007.42080	1,215.138	18.47	0.7996	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Put			2,805.38580	2,583.855	26.23	0.8635	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Call			96.88580	127.755	26.23	0.1365	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Call			141.15220	184.645	24.91	0.1910	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Put			713.03100	584.476	20.24	0.4708	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Call			494.53100	618.376	20.24	0.5292	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Call			1,654.49460	1,901.538	18.89	0.9269	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Put			52.99460	47.638	18.89	0.0731	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Put			205.92080	161.238	18.47	0.2004	0.00	0	1,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Call			1,004.43120	1,205.760	18.32	0.7807	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Put			241.93120	190.960	18.32	0.2193	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Put			906.92450	762.823	20.65	0.5279	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Call			449.42450	557.623	20.65	0.4721	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Put			177.98320	139.347	18.11	0.1733	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Call			1,150.48320	1,364.147	18.11	0.8267	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Put			1,372.31070	1,196.713	22.14	0.6535	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Call			304.81070	381.513	22.14	0.3465	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Put			1,751.83270	1,561.084	23.23	0.7212	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Call			240.03270	301.684	23.23	0.2788	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Put			1,507.07990	1,326.036	22.51	0.6771	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Call			285.27990	356.636	22.51	0.3229	0.00	0	20,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Put			1,295.94160	1,125.632	21.87	0.6317	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Call			334.14160	416.232	21.87	0.3683	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Call			1,414.65990	1,646.665	18.00	0.8831	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Put			106.45990	86.065	18.00	0.1169	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Call			843.32710	1,017.643	18.62	0.7095	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Put			365.12710	287.043	18.62	0.2905	0.00	0	236,970
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Put			1,557.03450	1,373.751	22.66	0.6868	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Call			275.23450	344.352	22.66	0.3132	0.00	0	121,970
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Call			837.89470	1,011.479	18.64	0.7069	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Put			369.69470	290.879	18.64	0.2931	0.00	0	36,200
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Put			1,193.98740	1,029.875	21.55	0.6067	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Call			362.18740	450.475	21.55	0.3933	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Call			790.37070	957.510	18.83	0.6835	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Put			412.17070	326.910	18.83	0.3165	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Call			1,090.36290	1,297.637	18.21	0.8035	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Put			212.16290	167.037	18.21	0.1965	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Call			1,197.83290	1,413.278	18.05	0.8349	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Put			169.63290	132.678	18.05	0.1651	0.00	0	66,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Put			723.17850	598.082	19.99	0.4585	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Call			551.37850	678.682	19.99	0.5415	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Call			870.95550	1,050.286	18.57	0.7219	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Put			342.75550	269.686	18.57	0.2781	0.00	0	1,867

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	14.38	Put			477.81250	383.210	19.11	0.3505	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Call			726.01250	883.810	19.11	0.6495	0.00	0	30
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Call			1,739.55210	1,984.221	18.70	0.9236	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Put			61.35210	53.621	18.70	0.0764	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Put			462.22310	369.776	19.04	0.3427	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Call			740.42310	900.376	19.04	0.6573	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Put			660.09950	542.530	19.78	0.4334	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Call			588.29950	723.130	19.78	0.5666	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Call			2,401.25820	2,651.178	20.01	0.9684	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Put			23.05820	20.578	20.01	0.0316	0.00	0	3,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Call			1,118.40190	1,327.935	18.17	0.8121	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Put			200.20190	157.335	18.17	0.1879	0.00	0	30
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Put			1,632.75270	1,446.250	22.88	0.7007	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Call			260.95270	326.850	22.88	0.2993	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Call			2,449.63650	2,699.757	20.11	0.9704	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Put			21.43650	19.157	20.11	0.0296	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Call			1,125.48440	1,335.571	18.16	0.8143	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Put			197.28440	154.971	18.16	0.1857	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Put			863.34450	724.089	20.47	0.5093	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Call			481.54450	594.689	20.47	0.4907	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Put			1,209.50140	1,044.411	21.60	0.6107	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Call			357.70140	445.011	21.60	0.3893	0.00	0	29,600
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Put			1,225.07890	1,059.019	21.65	0.6146	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Call			353.27890	439.619	21.65	0.3854	0.00	0	4,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Put			451.97410	360.965	19.00	0.3375	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Call			750.17410	911.565	19.00	0.6625	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Call			1,990.66160	2,238.018	19.20	0.9450	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Put			42.46160	37.418	19.20	0.0550	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Call			1,062.78100	1,267.745	18.25	0.7948	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Put			224.58100	177.145	18.25	0.2052	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Call			1,311.46370	1,534.235	17.90	0.8635	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Put			133.26370	103.635	17.90	0.1365	0.00	0	4,080
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Put			1,384.15650	1,209.041	22.14	0.6516	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Call			312.35650	389.641	22.14	0.3484	77,928.16	200	11,580
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Put			221.43280	174.580	18.24	0.2030	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Call			1,069.63280	1,275.180	18.24	0.7970	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Call			2,546.70490	2,797.183	20.30	0.9742	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Put			18.50490	16.583	20.30	0.0258	0.00	0	8,580
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Put			962.10780	814.587	20.81	0.5414	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Call			440.30780	545.187	20.81	0.4586	0.00	0	27,030
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Put			1,359.92930	1,186.056	22.06	0.6463	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Call			318.12930	396.656	22.06	0.3537	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Call			2,624.63240	2,875.358	20.45	0.9768	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Put			16.43240	14.758	20.45	0.0232	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			1,496.83600	1,736.506	18.19	0.8955	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			88.63600	75.906	18.19	0.1045	0.00	0	5,500

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Put			611.67320	500.016	19.61	0.4129	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Call			619.87320	760.616	19.61	0.5871	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Put			691.32930	569.978	19.89	0.4460	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Call			569.52930	700.578	19.89	0.5540	0.00	0	127,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Put			599.91820	489.660	19.57	0.4078	1,224,150.25	2,500	3,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Call			628.11820	770.260	19.57	0.5922	0.00	0	84,900
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Put			605.78090	494.823	19.59	0.4104	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Call			623.98090	765.423	19.59	0.5896	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Put			509.77030	410.866	19.23	0.3662	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Call			697.97030	851.466	19.23	0.6338	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Put			356.08730	280.017	18.60	0.2855	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Call			854.28730	1,030.617	18.60	0.7145	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Call			2,644.14860	2,894.931	20.49	0.9775	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Put			15.94860	14.331	20.49	0.0225	0.00	0	174,530
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Call			1,924.96610	2,171.724	19.07	0.9400	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Put			46.76610	41.124	19.07	0.0600	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Call			2,741.92370	2,992.968	20.68	0.9804	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Put			13.72370	12.368	20.68	0.0196	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Call			1,603.07600	1,845.740	18.41	0.9089	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Put			74.87600	65.140	18.41	0.0911	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Call			2,889.12080	3,141.452	21.25	0.9830	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Put			10.92080	10.852	21.25	0.0170	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Put			144.72260	112.749	17.95	0.1457	78,924.37	700	29,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Call			1,272.92260	1,493.349	17.95	0.8543	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Put			749.09430	621.036	20.08	0.4684	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Call			537.29430	661.636	20.08	0.5316	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Call			2,037.81210	2,285.560	19.30	0.9483	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Put			39.61210	34.960	19.30	0.0517	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Put			300.35910	237.024	18.47	0.2537	9,066,164.18	38,250	72,750
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Call			928.55910	1,117.624	18.47	0.7463	0.00	0	20,400
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Put			93.73760	78.836	18.13	0.1081	0.00	0	17,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Call			1,471.93760	1,709.436	18.13	0.8919	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Put			856.44460	717.799	20.45	0.5070	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Call			484.64460	598.399	20.45	0.4930	0.00	0	10,100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Call			2,276.01960	2,525.335	19.77	0.9625	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Put			27.81960	24.735	19.77	0.0375	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Put			280.34030	221.708	18.41	0.2418	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Call			958.54030	1,152.308	18.41	0.7582	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Put			227.75800	179.734	18.26	0.2074	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Call			1,055.95800	1,260.334	18.26	0.7926	0.00	0	3,264
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Put			65.59090	57.239	18.60	0.0811	2,189,372.63	38,250	177,520
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Call			1,693.79090	1,937.839	18.60	0.9189	0.00	0	7,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			85.34760	74.009	18.22	0.1022	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			1,513.54760	1,754.609	18.22	0.8978	0.00	0	7,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Put			782.01750	650.299	20.18	0.4806	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Call			520.21750	640.899	20.18	0.5194	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	12.50	Put			33.00360	29.242	19.54	0.0438	0.00	0	26,500
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Call			2,161.20360	2,409.842	19.54	0.9562	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Call			2,997.72080	3,250.466	21.68	0.9846	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Put			9.52080	9.866	21.68	0.0154	0.00	0	2,764
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Put			2,736.59430	2,520.832	25.59	0.8409	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Call			124.79430	161.432	25.59	0.1591	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Call			1,730.37940	1,974.927	18.68	0.9227	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Put			62.17940	54.327	18.68	0.0773	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Put			1,590.57520	1,405.841	22.76	0.6931	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Call			268.77520	336.441	22.76	0.3069	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Call			460.42340	569.378	20.64	0.4745	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Put			912.22340	768.778	20.64	0.5255	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Call			457.48780	565.855	20.66	0.4722	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Put			919.28780	775.255	20.66	0.5278	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Call			463.37630	572.924	20.61	0.4768	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Put			905.17630	762.324	20.61	0.5232	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Put			1,726.38450	1,536.276	23.16	0.7169	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Call			244.58450	306.876	23.16	0.2831	11,738,018.48	38,250	38,250
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Put			2,514.82210	2,303.814	25.10	0.8203	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Call			143.02210	184.414	25.10	0.1797	0.00	0	3,700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Call			859.81230	1,037.145	18.59	0.7170	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Put			351.61230	276.545	18.59	0.2830	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Put			1,124.96100	965.393	21.34	0.5886	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Call			383.16100	475.993	21.34	0.4114	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Call			1,648.29470	1,891.675	18.51	0.9140	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Put			70.09470	61.075	18.51	0.0860	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Call			670.94850	820.161	19.36	0.6181	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Put			542.74850	439.562	19.36	0.3819	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Call			1,406.57160	1,637.745	17.98	0.8818	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Put			108.37160	87.145	17.98	0.1182	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Put			1,408.50890	1,232.165	22.21	0.6569	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Call			306.70890	382.765	22.21	0.3431	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Call			795.52870	963.388	18.81	0.6861	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Put			407.32870	322.788	18.81	0.3139	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Put			1,232.89400	1,066.350	21.67	0.6165	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Call			351.09400	436.950	21.67	0.3835	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Call			426.53100	528.568	20.93	0.4475	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Put			998.33100	847.968	20.93	0.5525	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Call			599.86590	736.984	19.72	0.5743	0.00	0	5,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Put			641.66590	526.384	19.72	0.4257	0.00	0	3,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Put			926.37580	781.754	20.69	0.5301	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Call			454.57580	562.354	20.69	0.4699	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Put			1,311.85240	1,140.626	21.92	0.6354	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Call			330.05240	411.226	21.92	0.3646	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Call			816.46640	987.196	18.73	0.6965	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Put			388.26640	306.595	18.73	0.3035	0.00	0	13,650

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Put			2,117.20940	1,916.805	24.21	0.7747	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Call			185.40940	237.405	24.21	0.2253	0.00	0	13,650
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Put			646.26990	531.892	19.59	0.4208	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Call			627.76990	766.092	19.59	0.5792	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Put			91.75900	78.966	18.08	0.1055	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Call			1,533.25900	1,773.165	18.08	0.8945	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Put			701.75400	580.791	19.78	0.4430	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Call			593.25400	724.991	19.78	0.5570	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Call			1,451.25600	1,683.672	17.91	0.8822	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Put			109.75600	89.472	17.91	0.1178	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Call			1,737.54650	1,979.544	18.13	0.9126	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Put			77.04650	66.044	18.13	0.0874	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Put			421.61510	337.044	18.49	0.3095	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Call			862.11510	1,030.544	18.49	0.6905	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Call			846.59470	1,012.998	18.55	0.6831	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Put			436.09470	349.498	18.55	0.3169	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Put			3,047.74300	2,830.130	25.65	0.8485	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Call			128.24300	163.630	25.65	0.1515	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Put			2,449.37860	2,243.998	24.40	0.7952	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Call			179.87860	227.498	24.40	0.2048	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Call			550.28560	669.206	20.02	0.5125	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Put			849.78560	715.706	20.02	0.4875	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Put			249.36800	198.488	17.98	0.2131	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Call			1,109.86800	1,311.988	17.98	0.7869	0.00	0	0
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Put			68.77690	58.928	18.23	0.0785	0.00	0	0
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Call			1,833.07690	2,076.328	18.23	0.9215	0.00	0	0
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Put			57.09950	47.907	18.12	0.0628	0.00	0	263
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Call			2,091.89950	2,336.307	18.12	0.9372	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Put			93.21000	77.311	17.66	0.0924	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Call			1,860.81000	2,098.910	17.66	0.9076	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Call			1,820.02070	2,056.849	17.62	0.9018	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Put			100.52070	83.349	17.62	0.0982	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Put			545.37180	448.610	18.58	0.3462	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Call			884.87180	1,042.110	18.58	0.6538	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Call			948.90410	1,114.012	18.32	0.6829	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Put			479.40410	390.512	18.32	0.3171	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Put			1,003.13370	863.780	20.09	0.5058	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Call			592.63370	707.280	20.09	0.4942	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Put			75.31710	62.478	17.73	0.0769	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Call			2,004.81710	2,245.978	17.73	0.9231	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Put			996.44060	860.160	19.92	0.4930	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Call			640.74060	758.860	19.92	0.5070	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call			1,891.76290	2,123.115	17.15	0.8957	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put			118.96290	95.415	17.15	0.1043	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Put			1,127.79540	985.297	20.14	0.5165	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Call			630.59540	742.997	20.14	0.4835	0.00	0	250

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Put		654.55350	548.405	18.66	0.3719	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call		907.35350	1,056.105	18.66	0.6281	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put		93.56750	74.118	17.06	0.0850	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call		2,036.36750	2,271.818	17.06	0.9150	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Call		1,035.64770	1,200.842	18.17	0.6838	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Put		512.84770	423.142	18.17	0.3162	0.00	0	250
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call		665.22120	777.982	20.10	0.4842	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put		1,178.02120	1,035.382	20.10	0.5158	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Call		1,194.26470	1,377.204	17.86	0.7232	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put		437.06470	364.604	17.86	0.2768	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call		3,023.58180	3,280.050	17.13	0.9766	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put		16.38180	17.450	17.13	0.0234	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call		2,773.55950	3,023.255	16.28	0.9716	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put		26.35950	20.655	16.28	0.0284	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put		229.59640	187.005	17.26	0.1710	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call		1,586.79640	1,799.605	17.26	0.8290	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call		3,320.73280	3,577.242	18.15	0.9810	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put		13.53280	14.642	18.15	0.0190	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call		4,483.57670	4,738.258	21.39	0.9931	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put		6.37670	5.658	21.39	0.0069	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call		3,082.96230	3,339.445	17.33	0.9776	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put		15.76230	16.845	17.33	0.0224	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put		651.08380	547.351	18.48	0.3606	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call		978.28380	1,129.951	18.48	0.6394	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call		2,137.74270	2,375.016	16.77	0.9190	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put		90.54270	72.416	16.77	0.0810	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call		1,380.31340	1,578.315	17.54	0.7785	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put		323.11340	265.715	17.54	0.2215	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put		936.72010	809.840	19.42	0.4525	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call		783.92010	912.440	19.42	0.5475	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put		1,095.17630	957.736	19.88	0.4953	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call		702.37630	820.336	19.88	0.5047	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call		1,579.59190	1,791.870	17.27	0.8274	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put		232.39190	189.270	17.27	0.1726	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put		1,270.30150	1,122.239	20.34	0.5372	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call		627.50150	734.839	20.34	0.4628	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put		556.27410	462.035	18.13	0.3248	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Call		1,063.47410	1,224.635	18.13	0.6752	0.00	0	500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put		1,335.64700	1,183.969	20.51	0.5516	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call		602.84700	706.569	20.51	0.4484	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call		2,393.82090	2,637.454	16.57	0.9454	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put		56.62090	44.854	16.57	0.0546	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call		1,309.70860	1,502.307	17.66	0.7586	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put		362.50860	299.707	17.66	0.2414	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Call		2,357.80680	2,600.671	16.60	0.9421	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Put		60.60680	48.071	16.60	0.0579	0.00	0	720

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	Call			1,284.71580	1,475.316	17.70	0.7513	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Put			377.51580	312.716	17.70	0.2487	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Put			1,074.82830	938.721	19.82	0.4901	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Call			712.02830	831.321	19.82	0.5099	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Put			2,587.04810	2,393.591	23.32	0.7395	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Call			314.24810	376.191	23.32	0.2605	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Call			996.58760	1,150.343	18.40	0.6473	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Put			629.38760	527.743	18.40	0.3527	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Call			1,935.63610	2,166.215	16.94	0.8920	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Put			128.43610	103.615	16.94	0.1080	0.00	0	14,028
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Call			2,018.67200	2,252.200	16.87	0.9038	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Put			111.47200	89.600	16.87	0.0962	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Call			1,223.83750	1,409.363	17.81	0.7327	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Put			416.63750	346.763	17.81	0.2673	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Call			1,073.39220	1,236.336	18.11	0.6791	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Put			546.19220	453.736	18.11	0.3209	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Call			955.89690	1,104.975	18.58	0.6295	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Put			678.69690	572.375	18.58	0.3705	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Put			1,277.50350	1,129.034	20.36	0.5388	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Call			624.70350	731.634	20.36	0.4612	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Put			2,595.77180	2,402.115	23.33	0.7405	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Call			312.97180	374.715	23.33	0.2595	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Call			836.27960	970.895	19.15	0.5736	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Put			849.07960	728.295	19.15	0.4264	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Put			1,600.91990	1,435.701	21.17	0.6037	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Call			518.11990	608.301	21.17	0.3963	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Put			2,958.62640	2,757.471	24.01	0.7749	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Call			265.82640	320.071	24.01	0.2251	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Call			1,039.07350	1,197.566	18.22	0.6652	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Put			581.87350	484.967	18.22	0.3348	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Put			1,424.79880	1,268.205	20.73	0.5701	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Call			571.99880	670.805	20.73	0.4299	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Put			2,176.67680	1,993.794	22.53	0.6913	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Call			383.87680	456.394	22.53	0.3087	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Call			0.00000	1,090.255	18.64	0.6236	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Put			0.00000	587.655	18.64	0.3764	81,096,445.20	138,000	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			0.00000	1,618.274	21.63	0.6359	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			0.00000	550.874	21.63	0.3641	152,041,168.80	276,000	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Call			2,001.92630	2,234.883	16.88	0.9015	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Put			114.72630	92.283	16.88	0.0985	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Call			0.00000	1,119.895	18.52	0.6354	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Put			0.00000	557.295	18.52	0.3646	5,572,953.00	10,000	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			0.00000	1,518.502	21.38	0.6188	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			0.00000	581.102	21.38	0.3812	11,622,042.00	20,000	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Call			0.00000	2,065.084	17.03	0.8767	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Put			0.00000	122.484	17.03	0.1233	33,805,611.60	276,000	138,000

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call		662.22720	774.563	20.12	0.4826	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put		1,185.02720	1,041.963	20.12	0.5174	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call		668.23080	781.417	20.08	0.4859	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put		1,171.03080	1,028.817	20.08	0.5141	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Call		0.00000	1,958.208	17.12	0.8589	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Put		0.00000	145.608	17.12	0.1411	2,912,166.00	20,000	10,000
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put		37.06520	26.894	15.99	0.0355	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call		2,651.36520	2,896.994	15.99	0.9645	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put		134.00200	107.047	16.76	0.1093	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call		1,962.20200	2,191.047	16.76	0.8907	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put		770.03040	656.593	18.80	0.3951	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Call		928.23040	1,070.593	18.80	0.6049	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Call		1,120.51650	1,287.764	18.06	0.6854	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Put		542.31650	453.764	18.06	0.3146	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Put		1,265.15870	1,119.018	20.24	0.5281	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Call		663.35870	773.018	20.24	0.4719	0.00	0	250
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put		145.75090	116.630	16.76	0.1162	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call		1,931.55090	2,158.430	16.76	0.8838	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Put		1,414.98100	1,265.204	20.33	0.5394	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Call		694.18100	801.304	20.33	0.4606	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put		276.85160	227.110	17.10	0.1842	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call		1,676.05160	1,883.210	17.10	0.8158	0.00	0	2,500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put		899.39850	778.589	18.94	0.4171	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call		948.59850	1,084.689	18.94	0.5829	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Call		1,209.54540	1,378.806	17.94	0.6879	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Put		570.34540	482.706	17.94	0.3121	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put		134.88010	107.171	16.39	0.1046	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call		2,104.08010	2,333.271	16.39	0.8954	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call		2,040.14580	2,266.537	16.49	0.8855	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put		150.94580	120.437	16.49	0.1145	0.00	0	3,000
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put		1,028.41480	903.164	19.14	0.4359	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call		966.81480	1,099.464	19.14	0.5641	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Call		1,293.75150	1,465.920	17.88	0.6903	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Put		595.35150	509.620	17.88	0.3097	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Put		1,562.80210	1,411.005	20.46	0.5493	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Call		721.20210	827.305	20.46	0.4507	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put		197.90670	158.450	16.40	0.1359	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call		2,006.30670	2,224.750	16.40	0.8641	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call		2,112.33670	2,336.407	16.18	0.8827	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put		163.93670	130.107	16.18	0.1173	0.00	0	500
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Put		36.94310	28.178	14.79	0.0347	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call		2,851.24310	3,100.278	14.79	0.9653	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put		1,446.20400	1,300.748	20.11	0.5200	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Call		802.20400	916.548	20.11	0.4800	0.00	0	6,250
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call		1,272.49420	1,437.919	17.99	0.6722	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put		666.49420	572.119	17.99	0.3278	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call			1,267.71530	1,432.310	18.00	0.6706	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call			721.40110	825.453	20.59	0.4409	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call			1,574.33940	1,768.869	17.43	0.7589	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put			428.33940	363.069	17.43	0.2411	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Put			692.79620	594.261	18.04	0.3360	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Call			1,248.79620	1,410.061	18.04	0.6640	0.00	0	30
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call			1,543.59950	1,735.898	17.48	0.7511	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put			230.50970	184.371	16.40	0.1500	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put			920.14280	801.596	18.72	0.4015	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call			1,076.14280	1,217.396	18.72	0.5985	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Put			487.61060	415.576	17.58	0.2647	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Call			1,483.61060	1,671.376	17.58	0.7353	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put			1,665.40110	1,509.653	20.59	0.5591	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Call			2,045.90940	2,264.487	16.20	0.8656	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call			2,340.44320	2,574.141	15.50	0.9135	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put			114.44320	88.341	15.50	0.0865	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put			1,396.72530	1,253.719	20.00	0.5104	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call			822.72530	939.519	20.00	0.4896	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call			1,966.50970	2,180.171	16.40	0.8500	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put			18.16820	20.376	20.14	0.0192	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call			2,744.11060	2,991.571	14.63	0.9577	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put			48.11060	35.771	14.63	0.0423	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call			2,158.48560	2,383.406	15.92	0.8856	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put			162.48560	127.606	15.92	0.1144	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put			199.90940	158.687	16.20	0.1344	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put			780.19730	671.560	18.27	0.3623	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call			1,176.19730	1,327.360	18.27	0.6377	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put			1,576.34000	1,424.708	20.40	0.5438	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call			752.34000	860.508	20.40	0.4562	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Call			4,304.16820	4,566.176	20.14	0.9808	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put			671.71530	576.510	18.00	0.3294	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call			1,277.29290	1,443.546	17.98	0.6738	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put			661.29290	567.746	17.98	0.3262	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put			447.59950	380.098	17.48	0.2489	0.00	0	6,250
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Put			1,700.78520	1,543.859	20.58	0.5572	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Call			744.28520	850.059	20.58	0.4428	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put			173.59770	136.274	15.89	0.1182	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call			2,177.09770	2,402.474	15.89	0.8818	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put			1,148.62160	1,018.546	19.33	0.4507	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call			982.12160	1,114.746	19.33	0.5493	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Call			1,369.33880	1,546.944	17.84	0.6934	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Put			615.83880	530.744	17.84	0.3066	0.00	0	250
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put			225.10370	179.107	16.23	0.1440	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call			2,044.50370	2,261.907	16.23	0.8560	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put			2,072.64210	1,902.285	21.32	0.6093	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Call			646.04210	739.385	21.32	0.3907	0.00	0	39,250

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call			1,872.58520	2,075.423	16.68	0.8184	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put			309.18520	248.323	16.68	0.1816	0.00	0	39,250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Call			1,457.90020	1,641.576	17.81	0.6973	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Put			639.40020	553.576	17.81	0.3027	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Put			1,846.53170	1,684.219	20.69	0.5628	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Call			775.03170	882.219	20.69	0.4372	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			182.86000	137.949	15.44	0.1166	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			2,251.36000	2,475.949	15.44	0.8834	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,277.78330	1,142.011	19.49	0.4631	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			1,006.28330	1,140.011	19.49	0.5369	0.00	0	500
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			252.67670	196.999	16.01	0.1503	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			2,083.17670	2,297.199	16.01	0.8497	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Put			2,009.97500	1,841.989	20.94	0.5798	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Call			754.07500	858.189	20.94	0.4202	0.00	0	3,950
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Put			764.36710	661.655	18.01	0.3352	0.00	0	3,950
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Call			1,378.46710	1,547.855	18.01	0.6648	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put			1,412.73340	1,270.291	19.66	0.4761	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call			1,020.23340	1,153.491	19.66	0.5239	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Call			1,538.28320	1,724.937	17.77	0.7008	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Put			660.78320	571.737	17.77	0.2992	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Put			1,998.89640	1,830.983	20.83	0.5700	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Call			796.39640	904.183	20.83	0.4300	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put			187.42240	145.644	15.30	0.1179	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call			2,314.92240	2,548.844	15.30	0.8821	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put			276.63640	220.901	15.98	0.1580	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call			2,120.43640	2,340.601	15.98	0.8420	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put			1,664.87600	1,511.939	20.16	0.5119	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call			957.77600	1,082.739	20.16	0.4881	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Put			2,718.86070	2,533.452	22.10	0.6450	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Call			651.76070	744.252	22.10	0.3550	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			4,440.37880	4,719.765	18.85	0.9758	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			27.47880	28.965	18.85	0.0242	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Call			2,746.19520	2,997.165	13.72	0.9424	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put			83.29520	56.365	13.72	0.0576	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Put			0.00000	3,045.223	22.94	0.6916	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Call			0.00000	636.023	22.94	0.3084	1,717,260.75	2,700	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Put			1,442.59320	1,299.880	19.71	0.4737	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Call			1,055.49320	1,190.680	19.71	0.5263	0.00	0	30,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Call			1,741.30060	1,942.031	17.47	0.7420	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Put			548.40060	471.231	17.47	0.2580	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call			2,048.72060	2,254.975	16.24	0.8184	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put			345.82060	274.175	16.24	0.1816	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call			2,061.01180	2,268.262	16.19	0.8214	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put			338.11180	267.462	16.19	0.1786	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Call			0.00000	1,796.960	17.73	0.7084	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Put			0.00000	566.160	17.73	0.2916	1,528,631.73	2,700	2,700

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call			2,054.85450	2,261.609	16.21	0.8199	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put			341.95450	270.809	16.21	0.1801	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Call			831.52610	941.676	21.06	0.4272	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Put			2,139.52610	1,969.775	21.06	0.5728	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Put			191.14010	147.140	14.99	0.1164	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Call			2,383.14010	2,619.040	14.99	0.8836	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Put			1,539.09090	1,393.517	19.92	0.4843	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Call			1,051.09090	1,185.417	19.92	0.5157	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Call			1,624.71060	1,814.688	17.80	0.7041	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Put			682.71060	592.788	17.80	0.2959	0.00	0	250
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Put			299.47210	231.940	15.71	0.1606	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Call			2,165.67210	2,378.340	15.71	0.8394	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Put			1,686.65720	1,537.920	20.21	0.4946	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Call			1,073.15720	1,208.919	20.21	0.5054	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Call			1,710.47370	1,903.697	17.84	0.7074	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Put			703.97370	612.697	17.84	0.2926	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Put			2,303.33710	2,131.311	21.34	0.5778	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Call			859.83710	972.311	21.34	0.4222	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put			335.66850	256.595	15.72	0.1682	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Call			2,202.16850	2,407.595	15.72	0.8318	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Call			2,461.42550	2,683.943	14.55	0.8875	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Put			204.92550	142.943	14.55	0.1125	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Call			1,789.18150	1,985.685	17.87	0.7105	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Put			722.38150	630.184	17.87	0.2895	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Put			2,441.91300	2,268.270	21.54	0.5805	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Call			888.71300	1,003.771	21.54	0.4195	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put			227.63200	168.862	15.06	0.1211	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call			2,544.43200	2,774.362	15.06	0.8789	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put			1,811.82710	1,660.548	20.44	0.5013	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call			1,098.62710	1,236.048	20.44	0.4987	0.00	0	500
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put			377.07920	299.402	16.14	0.1793	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call			2,260.07920	2,471.602	16.14	0.8207	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Call			3,522.10150	3,803.465	15.24	0.9526	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Put			66.20150	56.765	15.24	0.0474	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Call			2,156.93980	2,360.196	16.65	0.7910	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Put			471.03980	383.496	16.65	0.2090	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call			1,202.83080	1,350.241	20.15	0.5274	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put			1,663.76780	1,520.085	20.16	0.4736	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call			1,196.51530	1,343.334	20.17	0.5253	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put			1,670.61530	1,526.634	20.17	0.4747	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put			1,656.93080	1,513.541	20.15	0.4726	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Put			2,850.31510	2,667.618	22.18	0.6157	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Call			816.21510	924.318	22.18	0.3843	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put			5,184.04220	4,962.386	26.23	0.7512	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call			529.94220	599.086	26.23	0.2488	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call			1,199.66780	1,346.785	20.16	0.5264	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	31/12/2019	Foreign Exchange Option	16.21	Put			1,951.14630	1,797.285	20.66	0.5082	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call			1,124.44630	1,263.985	20.66	0.4918	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Call			1,873.47160	2,073.238	17.87	0.7140	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Put			740.17160	646.538	17.87	0.2860	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Put			2,587.13790	2,412.378	21.73	0.5826	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Call			920.43790	1,039.078	21.73	0.4174	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put			245.92070	189.608	15.35	0.1264	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call			2,629.22070	2,866.308	15.35	0.8736	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put			411.10590	334.981	16.38	0.1873	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call			2,308.60590	2,526.181	16.38	0.8127	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put			445.81510	370.278	16.61	0.1946	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call			2,353.61510	2,575.978	16.61	0.8054	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put			480.24460	406.230	16.81	0.2011	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call			2,402.44460	2,631.030	16.81	0.7989	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Call			1,498.73330	1,648.773	19.86	0.5701	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Put			1,567.43330	1,442.873	19.86	0.4299	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Call			1,495.18340	1,645.226	19.88	0.5691	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Put			1,573.88340	1,449.326	19.88	0.4309	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Call			1,491.65180	1,641.689	19.89	0.5681	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Put			1,580.35180	1,455.789	19.89	0.4319	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put			514.82270	438.554	16.94	0.2063	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call			2,451.52270	2,682.355	16.94	0.7937	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put			544.82410	469.282	17.06	0.2112	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call			2,487.62410	2,723.182	17.06	0.7888	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put			579.42280	503.259	17.18	0.2155	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call			2,542.92280	2,782.859	17.18	0.7845	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put			1,323.98880	1,200.350	19.21	0.3656	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Call			1,876.20770	2,070.495	19.18	0.6363	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Put			1,311.90770	1,188.695	19.18	0.3637	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			1,872.24240	2,066.317	19.20	0.6354	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,317.94240	1,194.517	19.20	0.3646	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			1,868.28880	2,062.150	19.21	0.6344	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,454.01200	1,328.774	19.48	0.3756	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			1,904.01200	2,102.974	19.48	0.6244	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Call			2,038.27970	2,240.749	19.43	0.6359	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Put			1,451.57970	1,325.149	19.43	0.3641	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			2,034.29100	2,236.812	19.45	0.6350	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,457.59100	1,331.212	19.45	0.3650	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			2,030.31290	2,232.895	19.46	0.6341	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,463.61290	1,337.295	19.46	0.3659	0.00	0	0
Total \$ / R Option												315,939,655.98	869,390	5,478,331
Total \$ / R												5,173,781,573.38	1,195,147	6,424,560
\$ / R	MAXI	On	17/09/2018	Foreign Exchange Future		14.71140		14.45730		0.0000		73,557.00	5	340
\$ / R	MAXI	On	14/12/2018	Foreign Exchange Future		14.88060		14.62820		0.0000		74,403.00	5	79

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R MAXI On	18/03/2019	Foreign Exchange Future			15.06260		14.80720			0.0000	0.00	0	5
\$ / R MAXI On	14/06/2019	Foreign Exchange Future			15.23590		14.97600			0.0000	0.00	0	0
Total \$ / R MAXI Future											147,960.00	10	424
\$ / R MAXI On	17/09/2018	Foreign Exchange Option	14.01	Call			52,383.66520	73,780.573	18.90	0.8819	0.00	0	0
\$ / R MAXI On	17/09/2018	Foreign Exchange Option	14.01	Put			7,653.66520	3,640.573	18.90	0.1181	0.00	0	0
\$ / R MAXI On	17/09/2018	Foreign Exchange Option	14.02	Call			51,648.79940	72,929.458	18.94	0.8782	0.00	0	0
\$ / R MAXI On	17/09/2018	Foreign Exchange Option	14.02	Put			7,918.79940	3,789.458	18.94	0.1218	0.00	0	0
\$ / R MAXI On	17/09/2018	Foreign Exchange Option	14.00	Call			53,124.63100	74,636.073	18.87	0.8856	0.00	0	0
\$ / R MAXI On	17/09/2018	Foreign Exchange Option	14.00	Put			7,394.63100	3,496.073	18.87	0.1144	0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.67	Put			135,992.93030	118,605.574	22.06	0.6463	0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.67	Call			31,812.93030	39,665.574	22.06	0.3537	0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.20	Call			42,653.10310	52,856.789	20.93	0.4475	0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.20	Put			99,833.10310	84,796.789	20.93	0.5525	0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.21	Call			42,383.20620	52,530.950	20.95	0.4453	0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.21	Put			100,563.20620	85,470.949	20.95	0.5547	0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.19	Call			42,924.60000	53,184.773	20.90	0.4497	0.00	0	0
\$ / R MAXI On	14/12/2018	Foreign Exchange Option	15.19	Put			99,104.60000	84,124.773	20.90	0.5503	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.04	Call			120,012.59360	138,359.316	17.85	0.7251	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.04	Put			43,292.59360	36,099.316	17.85	0.2749	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.02	Call			121,193.62040	139,643.258	17.83	0.7289	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.02	Put			42,473.62040	35,383.258	17.83	0.2711	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.03	Call			120,601.77410	139,000.377	17.84	0.7270	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.03	Put			42,881.77410	35,740.377	17.84	0.2730	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.37	Call			127,249.42110	143,798.608	17.99	0.6722	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.37	Put			66,649.42110	57,208.608	17.99	0.3278	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Call			126,771.53160	143,237.711	18.00	0.6706	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Put			67,171.53160	57,647.711	18.00	0.3294	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Call			127,729.28610	144,361.373	17.98	0.6739	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Put			66,129.28610	56,771.373	17.98	0.3261	0.00	0	0
Total \$ / R MAXI Option											0.00	0	0
Total \$ / R MAXI											147,960.00	10	424
£ / R	On 17/09/2018	Foreign Exchange Future			19.14680		18.79930			0.0000	71,915,380.80	3,756	195,687
£ / R	On 28/09/2018	Foreign Exchange Future			19.18380		18.84130			0.0000	0.00	0	14
£ / R	On 15/10/2018	Foreign Exchange Future			19.24210		18.89780			0.0000	0.00	0	48
£ / R	On 14/12/2018	Foreign Exchange Future			19.44390		19.09740			0.0000	839,140,392.30	43,157	247,950
£ / R	On 18/03/2019	Foreign Exchange Future			19.77390		19.42290			0.0000	0.00	0	4,932
£ / R	On 14/06/2019	Foreign Exchange Future			20.08880		19.73150			0.0000	0.00	0	6,156
£ / R	On 16/09/2019	Foreign Exchange Future			20.45430		20.07490			0.0000	0.00	0	4,645
Total £ / R Future											911,055,773.10	46,913	459,432
£ / R	On 17/09/2018	Foreign Exchange Option	18.25	Call			636.88010	934.939	17.52	0.8948	0.00	0	0
£ / R	On 17/09/2018	Foreign Exchange Option	18.25	Put			87.58010	38.139	17.52	0.1052	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	18.26	Call			629.37050	926.254	17.55	0.8919	0.00	0	0
£ / R	On	17/09/2018	Foreign Exchange Option	18.26	Put			90.07050	39.454	17.55	0.1081	0.00	0	0
£ / R	On	17/09/2018	Foreign Exchange Option	18.24	Call			644.43700	943.658	17.50	0.8976	0.00	0	0
£ / R	On	17/09/2018	Foreign Exchange Option	18.24	Put			85.13700	36.858	17.50	0.1024	0.00	0	0
£ / R	On	28/09/2018	Foreign Exchange Option	17.65	Call			1,232.56570	1,565.652	19.99	0.9341	0.00	0	0
£ / R	On	28/09/2018	Foreign Exchange Option	17.65	Put			41.26570	31.852	19.99	0.0659	0.00	0	0
£ / R	On	28/09/2018	Foreign Exchange Option	17.66	Call			1,223.32780	1,556.224	19.96	0.9331	0.00	0	0
£ / R	On	28/09/2018	Foreign Exchange Option	17.66	Put			42.02780	32.423	19.96	0.0669	0.00	0	0
£ / R	On	28/09/2018	Foreign Exchange Option	17.64	Call			1,241.81660	1,575.090	20.01	0.9352	0.00	0	0
£ / R	On	28/09/2018	Foreign Exchange Option	17.64	Put			40.51660	31.290	20.01	0.0648	0.00	0	0
£ / R	On	15/10/2018	Foreign Exchange Option	19.08	Put			586.58160	437.240	18.95	0.4367	0.00	0	0
£ / R	On	15/10/2018	Foreign Exchange Option	19.08	Call			404.38160	599.340	18.95	0.5633	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Call			1,271.92210	1,563.686	17.72	0.7841	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.12	Put			294.52210	239.786	17.72	0.2159	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Call			1,264.95900	1,556.194	17.73	0.7824	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.13	Put			297.55900	242.294	17.73	0.2176	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Call			1,278.90320	1,571.197	17.72	0.7858	0.00	0	0
£ / R	On	14/12/2018	Foreign Exchange Option	18.11	Put			291.50320	237.297	17.72	0.2142	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			1,811.48880	2,102.516	17.38	0.7867	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			388.58880	328.616	17.38	0.2133	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Put			2,468.88470	2,233.898	20.16	0.6800	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Call			451.78470	567.798	20.16	0.3200	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Call			1,608.02130	1,886.420	17.41	0.7471	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Put			485.12130	412.520	17.41	0.2529	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Call			1,601.48870	1,879.447	17.42	0.7457	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Put			488.58870	415.547	17.42	0.2543	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Call			1,614.57010	1,893.409	17.41	0.7485	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Put			481.67010	409.508	17.41	0.2515	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call			1,825.66620	2,091.859	17.91	0.7100	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put			724.16620	633.059	17.91	0.2900	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Call			1,819.69380	2,085.485	17.91	0.7088	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put			728.19380	636.685	17.91	0.2912	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call			1,831.65220	2,098.246	17.91	0.7112	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put			720.15220	629.446	17.91	0.2888	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Call			2,136.74540	2,410.792	18.21	0.7045	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Put			891.84540	786.492	18.21	0.2955	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Call			2,148.28910	2,423.053	18.20	0.7065	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Put			883.38910	778.753	18.20	0.2935	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Call			2,142.51140	2,416.917	18.21	0.7055	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Put			887.61140	782.617	18.21	0.2945	0.00	0	0
Total £ / R Option												0.00	0	1,000
Total £ / R												911,055,773.10	46,913	460,432
¥ / R	On	06/09/2018	Foreign Exchange Future			0.13190		0.12940			0.0000	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Future			0.13218		0.12962			0.0000	2,775.78	21	6,894

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 Future			0.13458		0.13201			0.0000	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Future			0.13730		0.13471			0.0000	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Future			0.13992		0.13727			0.0000	0.00	0	0
Total ¥ / R Future												2,775.78	21	6,894
¥ / R	On	06/09/2018	Foreign Exchange Option	0.11	Put			1.95600	1.555	51.74	0.0051	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.12	Call			986.64160	1,218.822	47.86	0.9278	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.12	Put			46.64160	28.822	47.86	0.0722	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.13	Call			287.36660	422.149	43.99	0.6059	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.13	Put			347.36660	232.150	43.99	0.3941	0.00	0	0
¥ / R	On	06/09/2018	Foreign Exchange Option	0.11	Call			1,941.95600	2,191.555	51.74	0.9949	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.13	Call			227.87500	352.921	19.59	0.6569	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.13	Put			265.47500	134.921	19.59	0.3431	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.14	Call			35.34060	58.230	24.92	0.1560	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.14	Put			1,072.94060	840.230	24.92	0.8440	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.12	Call			972.25510	1,228.285	24.47	0.9646	0.00	0	0
¥ / R	On	17/09/2018	Foreign Exchange Option	0.12	Put			9.85510	10.285	24.47	0.0354	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Call			1,282.50510	1,499.790	15.53	0.9211	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Put			81.50510	41.590	15.53	0.0789	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Call			673.88280	803.426	19.13	0.6508	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Put			472.88280	345.226	19.13	0.3492	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Call			2,219.00010	2,477.943	20.85	0.9679	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Put			18.00010	19.743	20.85	0.0321	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Call			1,765.85110	1,980.690	22.42	0.8145	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Put			294.65110	250.490	22.42	0.1855	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Call			1,136.18210	1,298.486	22.48	0.6597	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Put			664.98210	568.286	22.48	0.3403	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Call			2,568.23780	2,815.263	22.37	0.9224	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Put			97.03780	85.064	22.37	0.0776	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Call			1,317.52790	1,463.808	18.44	0.7021	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			590.22790	472.308	18.44	0.2979	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			910.35080	1,020.202	20.68	0.5353	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			1,183.05080	1,028.702	20.68	0.4647	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			1,911.56920	2,124.718	16.08	0.8742	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			184.26920	133.218	16.08	0.1258	0.00	0	0
Total ¥ / R Option												0.00	0	0
Total ¥ / R												2,775.78	21	6,894
€ / R	On	07/09/2018	Foreign Exchange Future			17.13520		16.88670			0.0000	0.00	0	34
€ / R	On	11/09/2018	Foreign Exchange Future			17.14680		16.89560			0.0000	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Future			17.16790		16.91830			0.0000	1,115,913.50	65	97,925
€ / R	On	25/09/2018	Foreign Exchange Future			17.19620		16.94960			0.0000	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Future			17.48760		17.23960			0.0000	52,462.80	3	37,781
€ / R	On	18/03/2019	Foreign Exchange Future			17.84550		17.59530			0.0000	71,382.00	4	4,720
€ / R	On	14/06/2019	Foreign Exchange Future			18.19080		17.93510			0.0000	0.00	0	5,256

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
€ / R	On	14/08/2019	Foreign Exchange Future			18.45020		18.18090			0.0000	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Future			18.58340		18.30200			0.0000	0.00	0	0
Total € / R Future												1,239,758.30	72	145,716
€ / R	On	07/09/2018	Foreign Exchange Option	15.62	Put			2.39480	2.211	26.89	0.0095	0.00	0	0
€ / R	On	07/09/2018	Foreign Exchange Option	15.62	Call			1,269.09480	1,517.411	26.89	0.9905	0.00	0	0
€ / R	On	11/09/2018	Foreign Exchange Option	15.62	Put			4.53500	4.739	24.52	0.0170	0.00	0	0
€ / R	On	11/09/2018	Foreign Exchange Option	15.62	Call			1,280.13500	1,531.539	24.52	0.9830	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.00	Put			19.12310	17.664	20.00	0.0539	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.76	Put			201.23630	124.063	18.79	0.2752	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	16.76	Call			359.53630	531.963	18.79	0.7248	0.00	0	29,734
€ / R	On	17/09/2018	Foreign Exchange Option	19.56	Call			3.22760	7.204	27.88	0.0190	0.00	0	86,824
€ / R	On	17/09/2018	Foreign Exchange Option	17.11	Call			208.15500	325.398	19.47	0.5397	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.11	Put			399.85500	267.498	19.47	0.4603	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	14.25	Call			2,668.63820	2,918.225	27.65	0.9989	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	14.25	Put			0.33820	0.325	27.65	0.0011	0.00	0	57,090
€ / R	On	17/09/2018	Foreign Exchange Option	16.00	Call			937.42310	1,185.564	20.00	0.9461	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.12	Put			406.59870	272.592	19.49	0.4657	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.10	Call			211.45930	330.358	19.45	0.5451	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	17.10	Put			393.15930	262.458	19.45	0.4549	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	15.85	Call			1,082.52290	1,331.702	21.05	0.9584	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	15.85	Put			14.22290	13.802	21.05	0.0416	0.00	0	86,824
€ / R	On	17/09/2018	Foreign Exchange Option	19.56	Put			2,644.92760	2,399.304	27.88	0.9810	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	21.63	Put			4,713.11180	4,463.588	37.92	0.9965	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	21.63	Call			1.41180	1.488	37.92	0.0035	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	13.50	Call			3,418.33910	3,667.955	30.69	0.9998	0.00	0	0
€ / R	On	17/09/2018	Foreign Exchange Option	13.50	Put			0.03910	0.055	30.69	0.0002	0.00	0	29,734
€ / R	On	17/09/2018	Foreign Exchange Option	17.12	Call			204.89870	320.492	19.49	0.5343	0.00	0	0
€ / R	On	25/09/2018	Foreign Exchange Option	16.09	Put			47.03990	36.297	18.84	0.0889	0.00	0	0
€ / R	On	25/09/2018	Foreign Exchange Option	16.09	Call			906.63990	1,142.497	18.84	0.9111	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Call			460.82000	567.843	19.78	0.4364	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Put			1,111.22000	970.243	19.78	0.5636	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Call			458.15940	564.691	19.81	0.4345	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Put			1,118.55940	977.091	19.81	0.5655	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Call			463.49760	571.011	19.76	0.4384	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Put			1,103.89760	963.411	19.76	0.5616	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			1,733.14850	1,946.620	16.33	0.8150	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			267.84850	231.120	16.33	0.1850	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			232.76610	201.781	16.27	0.1669	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			1,828.06610	2,047.281	16.27	0.8331	0.00	0	650
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call			1,725.98020	1,939.108	16.34	0.8135	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put			270.68020	233.608	16.34	0.1865	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call			1,718.83510	1,931.618	16.35	0.8120	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Put			273.53510	236.118	16.35	0.1880	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call			1,629.45150	1,821.246	16.58	0.7209	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put			564.35150	500.446	16.58	0.2791	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	16.88	Call			1,623.60610	1,815.018	16.59	0.7194	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put			568.50610	504.218	16.59	0.2806	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call			1,635.31990	1,827.497	16.57	0.7223	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put			560.21990	496.697	16.57	0.2777	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Put			307.68130	280.704	16.23	0.1672	0.00	0	31,200
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Call			2,458.58130	2,700.904	16.23	0.8328	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Put			2,310.29350	2,150.547	19.87	0.5899	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Call			841.19350	950.747	19.87	0.4101	0.00	0	62,400
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Call			2,299.24270	2,536.054	16.20	0.8118	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Put			358.34270	325.853	16.20	0.1882	0.00	0	31,200
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Call			1,547.34920	1,716.132	17.20	0.6328	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Put			1,025.34920	912.732	17.20	0.3672	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Call			1,543.09860	1,711.536	17.21	0.6315	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Put			1,031.09860	918.136	17.21	0.3685	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Call			1,551.61420	1,720.742	17.18	0.6340	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Put			1,019.61420	907.342	17.18	0.3660	0.00	0	0
Total € / R Option												0.00	0	415,656
Total € / R												1,239,758.30	72	561,372
AU\$ / R	On	17/09/2018	Foreign Exchange Future			10.71550		10.53540			0.0000	2,678,875.00	250	10,927
AU\$ / R	On	14/12/2018	Foreign Exchange Future			10.84180		10.66410			0.0000	8,131,350.00	750	11,819
AU\$ / R	On	18/03/2019	Foreign Exchange Future			10.98420		10.80430			0.0000	0.00	0	515
AU\$ / R	On	14/06/2019	Foreign Exchange Future			11.12370		10.94060			0.0000	0.00	0	4,929
Total AU\$ / R Future												10,810,225.00	1,000	28,190
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.11	Call			20.30820	48.331	18.75	0.1984	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.11	Put			594.90820	442.831	18.75	0.8016	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.12	Call			19.70050	46.835	18.80	0.1931	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.12	Put			604.30050	451.335	18.80	0.8069	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.13	Call			19.11310	45.383	18.86	0.1880	0.00	0	0
AU\$ / R	On	17/09/2018	Foreign Exchange Option	11.13	Put			613.71310	459.883	18.86	0.8120	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Put			954.77100	822.357	17.56	0.7144	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Call			131.89470	178.095	17.50	0.2911	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Put			937.79470	806.294	17.50	0.7089	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Call			130.37310	176.113	17.53	0.2884	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Put			946.27310	814.313	17.53	0.7116	0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Call			128.87100	174.157	17.56	0.2856	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			702.30110	835.176	14.25	0.7312	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			248.00110	200.976	14.25	0.2688	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Call			696.38570	828.255	14.25	0.7282	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Put			252.08570	204.055	14.25	0.2718	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Call			690.51220	821.366	14.25	0.7251	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Put			256.21220	207.166	14.25	0.2749	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Put			627.33030	541.935	15.24	0.4429	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Call			554.12880	651.240	15.25	0.5544	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Put			633.52880	547.540	15.25	0.4456	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Call			561.75850	660.061	15.22	0.5597	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Put			621.15850	536.361	15.22	0.4403	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Call			557.93030	655.635	15.24	0.5571	0.00	0	0
Total AU\$ / R Option												0.00	0	0
Total AU\$ / R												10,810,225.00	1,000	28,190
CAD/ R	On	14/12/2018	Foreign Exchange Future			11.49080		11.31810			0.0000	0.00	0	595
CAD/ R	On	18/03/2019	Foreign Exchange Future			11.64970		11.47430			0.0000	0.00	0	0
Total CAD/ R Future												0.00	0	595
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Call			1,849.77750	2,022.630	18.83	0.9742	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Put			11.67750	11.830	18.83	0.0258	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Call			1,839.94710	2,012.811	18.79	0.9738	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Put			11.84710	12.011	18.79	0.0262	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Call			1,859.61020	2,032.452	18.87	0.9746	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Put			11.51020	11.652	18.87	0.0254	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Call			950.46660	1,092.277	15.29	0.7833	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Put			206.16660	172.577	15.29	0.2167	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Call			943.53730	1,084.914	15.29	0.7808	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Put			209.23730	175.214	15.29	0.2192	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Call			957.42900	1,099.671	15.28	0.7857	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Put			203.12900	169.971	15.28	0.2143	0.00	0	0
Total CAD/ R Option												0.00	0	0
Total CAD/ R												0.00	0	595
CF CANDCO	On	15/10/2018	Foreign Exchange Future			549.21720		560.15150			0.0000	0.00	0	25,000
Total CF CANDCO CC01 Future												0.00	0	25,000
Total CF CANDCO CC01												0.00	0	25,000
CHF / R	On	17/09/2018	Foreign Exchange Future			15.16520		14.86690			0.0000	0.00	0	1,875
CHF / R	On	14/12/2018	Foreign Exchange Future			15.46220		15.16420			0.0000	0.00	0	765
CHF / R	On	18/03/2019	Foreign Exchange Future			15.79680		15.49340			0.0000	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Future			16.11880		15.80830			0.0000	0.00	0	150
Total CHF / R Future												0.00	0	2,790
CHF / R	On	17/09/2018	Foreign Exchange Option	15.05	Call			187.16390	330.109	20.07	0.5767	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.05	Put			370.26390	214.909	20.07	0.4233	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.03	Call			193.53250	341.605	20.08	0.5883	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.03	Put			356.63250	206.405	20.08	0.4117	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.04	Call			190.32290	335.827	20.08	0.5825	0.00	0	0
CHF / R	On	17/09/2018	Foreign Exchange Option	15.04	Put			363.42290	210.627	20.08	0.4175	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Call			2,012.73380	2,309.154	20.70	0.9288	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Put			58.53380	56.954	20.70	0.0712	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			2,003.25550	2,299.646	20.66	0.9282	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			59.05550	57.446	20.66	0.0718	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			2,022.21830	2,318.667	20.73	0.9294	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			58.01830	56.467	20.73	0.0706	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			1,371.83870	1,621.799	17.83	0.7659	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			358.43870	304.999	17.83	0.2341	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			1,385.34920	1,636.273	17.83	0.7691	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			351.94920	299.473	17.83	0.2309	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Call			1,378.58400	1,629.025	17.83	0.7675	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Put			355.18400	302.225	17.83	0.2325	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			1,573.74910	1,817.101	17.60	0.7450	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			485.44910	418.301	17.60	0.2550	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			1,567.45880	1,810.364	17.60	0.7436	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			489.15880	421.564	17.60	0.2564	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			1,561.18610	1,803.649	17.61	0.7422	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			492.88610	424.849	17.61	0.2578	0.00	0	0
Total CHF / R Option												0.00	0	0
Total CHF / R												0.00	0	2,790
CNH / R	On	17/09/2018	Foreign Exchange Future			2.14760		2.12010			0.0000	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Future			2.16860		2.14220			0.0000	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Future			2.19030		2.16420			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.21110		2.18480			0.0000	0.00	0	0
Total CNH / R Future												0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.13	Call			290.89680	444.814	18.46	0.5875	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.13	Put			389.89680	268.814	18.46	0.4125	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.14	Call			253.85420	392.662	18.61	0.5424	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.14	Put			452.85420	316.662	18.61	0.4576	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.15	Call			221.02080	345.074	18.75	0.4976	0.00	0	0
CNH / R	On	17/09/2018	Foreign Exchange Option	2.15	Put			520.02080	369.074	18.75	0.5024	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Put			81.95200	76.552	17.90	0.0780	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Call			2,410.96330	2,668.455	17.69	0.9161	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Put			88.96330	82.455	17.69	0.0839	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Call			2,318.56720	2,574.821	17.48	0.9098	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Put			96.56720	88.821	17.48	0.0902	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Call			2,503.95200	2,762.552	17.90	0.9220	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Call			1,375.88500	1,546.125	16.31	0.6588	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Put			733.88500	643.125	16.31	0.3412	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Call			1,483.57690	1,669.934	16.28	0.6876	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Put			641.57690	566.934	16.28	0.3124	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Call			1,428.87600	1,607.236	16.29	0.6733	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Put			686.87600	604.236	16.29	0.3267	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			2,470.91720	2,696.610	16.25	0.7987	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			422.91720	385.610	16.25	0.2013	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			2,395.55470	2,618.754	16.20	0.7893	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			447.55470	407.754	16.20	0.2107	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			2,547.31270	2,775.407	16.30	0.8078	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			399.31270	364.407	16.30	0.1922	0.00	0	0
Total CNH / R Option												0.00	0	0
Total CNH / R												0.00	0	0
CURRENCO	On	06/11/2018	Foreign Exchange Future			599.63080		468.87690			0.0000	0.00	0	0
Total CURRENCY CANDO CX05 Future												0.00	0	0
Total CURRENCY CANDO CX05												0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Future			2.31240		2.27940			0.0000	0.00	0	245
DKK / R	On	14/12/2018	Foreign Exchange Future			2.35750		2.32480			0.0000	0.00	0	240
DKK / R	On	18/03/2019	Foreign Exchange Future			2.40690		2.37310			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.45420		2.42050			0.0000	0.00	0	0
Total DKK / R Future												0.00	0	485
DKK / R	On	17/09/2018	Foreign Exchange Option	2.35	Call			132.49950	245.116	19.65	0.3640	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.35	Put			838.49950	621.116	19.65	0.6360	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.36	Call			113.12060	216.185	19.86	0.3300	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.36	Put			919.12060	692.185	19.86	0.6700	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.37	Call			96.25490	190.329	20.08	0.2983	0.00	0	0
DKK / R	On	17/09/2018	Foreign Exchange Option	2.37	Put			1,002.25490	766.329	20.08	0.7017	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Call			2,529.81460	2,836.713	15.97	0.9330	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Put			81.81460	61.713	15.97	0.0670	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Call			2,440.98120	2,739.214	15.63	0.9294	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Put			92.98120	64.214	15.63	0.0706	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Call			2,353.29910	2,641.908	15.31	0.9256	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Put			105.29910	66.908	15.31	0.0744	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Call			1,749.92040	2,003.849	16.26	0.7202	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Put			618.92040	534.849	16.26	0.2798	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Call			1,873.55350	2,139.113	16.21	0.7451	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Put			542.55350	470.113	16.21	0.2549	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Call			1,809.28690	2,070.797	16.23	0.7327	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Put			578.28690	501.797	16.23	0.2673	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			389.24640	355.193	16.48	0.1721	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			3,151.43540	3,460.431	16.55	0.8427	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			346.43540	318.431	16.55	0.1573	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			3,069.89530	3,378.426	16.51	0.8354	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			364.89530	336.426	16.51	0.1646	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			2,994.24640	3,297.193	16.48	0.8279	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total DKK / R Option												0.00	0	0
Total DKK / R												0.00	0	485
HK\$/R	On	17/09/2018	Foreign Exchange Future			1.87470		1.84240			0.0000	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Future			1.89910		1.86710			0.0000	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Future			1.92490		1.89240			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			1.94910		1.91600			0.0000	0.00	0	0
Total HK\$/R Future												0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.85	Call			296.79510	476.901	20.56	0.6230	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.85	Put			372.79510	229.901	20.56	0.3770	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.86	Call			258.35380	423.537	20.86	0.5766	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.86	Put			434.35380	276.537	20.86	0.4234	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.84	Call			341.13370	539.763	20.56	0.6671	0.00	0	0
HK\$/R	On	17/09/2018	Foreign Exchange Option	1.84	Put			317.13370	192.763	20.56	0.3329	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Call			2,907.02100	3,228.471	20.44	0.9578	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Put			36.02100	37.471	20.44	0.0422	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Call			3,100.83410	3,421.916	20.81	0.9648	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Put			29.83410	30.916	20.81	0.0352	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Call			3,003.78450	3,325.046	20.63	0.9614	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Put			32.78450	34.046	20.63	0.0386	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Call			1,569.64230	1,805.628	18.03	0.7294	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Put			545.64230	456.628	18.03	0.2706	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Call			1,509.71390	1,738.940	18.05	0.7153	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Put			585.71390	489.940	18.05	0.2847	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Call			1,631.27470	1,873.851	18.02	0.7433	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Put			507.27470	424.851	18.02	0.2567	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			2,086.08800	2,339.812	17.63	0.7673	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			526.08800	448.812	17.63	0.2327	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			2,021.80400	2,272.367	17.70	0.7554	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			561.80400	481.367	17.70	0.2446	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			2,151.81440	2,408.677	17.57	0.7789	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			491.81440	417.677	17.57	0.2211	0.00	0	0
Total HK\$/R Option												0.00	0	0
Total HK\$/R												0.00	0	0
KES / R	On	17/09/2018	Foreign Exchange Future			0.14590		0.14320			0.0000	0.00	0	562
KES / R	On	14/12/2018	Foreign Exchange Future			0.14440		0.14280			0.0000	0.00	0	0
KES / R	On	18/03/2019	Foreign Exchange Future			0.14160		0.14240			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.14040		0.14180			0.0000	0.00	0	1,628
Total KES / R Future												0.00	0	2,190
Total KES / R												0.00	0	2,190

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
NOK/R	On	17/09/2018	Foreign Exchange Future			1.76940		1.73520			0.0000	0.00	0	0
NOK/R	On	14/12/2018	Foreign Exchange Future			1.79670		1.76230			0.0000	0.00	0	0
NOK/R	On	18/03/2019	Foreign Exchange Future			1.82590		1.79110			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.85410		1.81860			0.0000	0.00	0	0
Total NOK/R Future												0.00	0	0
Total NOK/R												0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Future			9.78880		9.68660			0.0000	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Future			9.90450		9.80440			0.0000	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Future			10.03530		9.93380			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			10.16570		10.06060			0.0000	0.00	0	0
Total NZ\$ / R Future												0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.93	Call			66.19580	103.799	18.88	0.3742	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.93	Put			309.59580	244.999	18.88	0.6258	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.94	Call			63.97740	100.711	18.93	0.3656	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.94	Put			317.37740	251.911	18.93	0.6344	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.92	Call			68.48360	106.970	18.82	0.3830	0.00	0	0
NZ\$ / R	On	17/09/2018	Foreign Exchange Option	9.92	Put			301.88360	238.170	18.82	0.6170	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Call			922.50830	1,019.070	15.92	0.8944	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Put			48.10830	44.570	15.92	0.1056	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Call			913.95060	1,010.357	15.93	0.8919	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Put			49.55060	45.857	15.93	0.1081	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Call			931.09930	1,027.811	15.91	0.8968	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Put			46.69930	43.311	15.91	0.1032	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Put			271.15950	246.155	15.76	0.3081	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Call			669.28870	745.045	15.76	0.6887	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Put			275.48870	249.745	15.76	0.3113	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Call			680.66920	757.898	15.75	0.6951	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Put			266.86920	242.598	15.75	0.3049	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Call			674.95950	751.454	15.76	0.6919	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			649.40430	715.973	16.45	0.5950	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			508.80430	470.273	16.45	0.4050	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			644.92540	711.220	16.47	0.5923	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			514.32540	475.520	16.47	0.4077	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			653.91240	720.751	16.43	0.5977	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			503.31240	465.051	16.43	0.4023	0.00	0	0
Total NZ\$ / R Option												0.00	0	0
Total NZ\$ / R												0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Future			1.36860		1.35070			0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Future			1.37740		1.36220			0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Future			1.38780		1.37200			0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Future			1.39800		1.38220			0.0000	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total PULA / R Future												0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.37	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.37	Put			193.00000	14.000		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			293.00000	114.000		1.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.36	Call			0.00000	86.000		1.0000	0.00	0	0
PULA / R	On	17/09/2018	Foreign Exchange Option	1.36	Put			93.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Call			1,022.00000	1,174.000		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			922.00000	1,074.000		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			1,122.00000	1,274.000		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			320.00000	478.000		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			220.00000	378.000		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			420.00000	578.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.33	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.32	Call			622.00000	780.000		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			522.00000	680.000		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			722.00000	880.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.31	Put			0.00000	0.000		0.0000	0.00	0	0
Total PULA / R Option												0.00	0	0
Total PULA / R												0.00	0	0
QUANTO £	On	17/09/2018	Foreign Exchange Future			1.30150		1.30030			0.0000	0.00	0	25
Total QUANTO £ / \$ Future												0.00	0	25
Total QUANTO £ / \$												0.00	0	25
QUANTO €	On	17/09/2018	Foreign Exchange Future			1.16700		1.17020			0.0000	0.00	0	7,138
Total QUANTO € / \$ Future												0.00	0	7,138
Total QUANTO € / \$												0.00	0	7,138
R / ¥	On	06/09/2018	Foreign Exchange Future			7.58050	0.13184	7.72890			0.0000	0.00	0	0
Total R / ¥ Future												0.00	0	0
R / ¥	On	06/09/2018	Foreign Exchange Option	8.26	Put		0.13184	5,343.36960	6,820.371	30.39	0.9783	0.00	0	0
R / ¥	On	06/09/2018	Foreign Exchange Option	8.26	Call		0.13184	32.36960	25.371	30.39	0.0217	0.00	0	25,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total R / ¥ Option												0.00	0	25,000
Total R / ¥												0.00	0	25,000
R / ¥EN	On	17/09/2018	Foreign Exchange Future			7.56540	0.13184	7.71460			0.0000	0.00	0	0
Total R / ¥EN Future												0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.61	Call		0.13184	22.35160	20.528	26.04	0.0136	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.61	Put		0.13184	8,976.35160	10,466.528	26.04	0.9864	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.62	Call		0.13184	21.33010	19.824	26.12	0.0132	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.62	Put		0.13184	9,075.33010	10,565.824	26.12	0.9868	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.60	Call		0.13184	23.42320	21.260	25.96	0.0141	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.60	Put		0.13184	8,877.42320	10,367.260	25.96	0.9859	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.17	Call		0.13184	136.06350	87.213	21.61	0.0573	0.00	0	0
R / ¥EN	On	17/09/2018	Foreign Exchange Option	8.17	Put		0.13184	4,690.06350	6,133.213	21.61	0.9427	0.00	0	0
Total R / ¥EN Option												0.00	0	0
Total R / ¥EN												0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Future			10.76050		10.59300			0.0000	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Future			10.90430		10.73930			0.0000	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Future			11.00610		10.89900			0.0000	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Future			11.21990		11.05030			0.0000	0.00	0	0
Total SGD / R Future												0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.00	Call			603.54110	770.541	20.23	0.9510	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.00	Put			10.54110	10.041	20.23	0.0490	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.01	Call			593.83510	760.767	20.10	0.9497	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	10.01	Put			10.83510	10.267	20.10	0.0503	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	9.99	Call			613.25770	780.323	20.36	0.9522	0.00	0	0
SGD / R	On	17/09/2018	Foreign Exchange Option	9.99	Put			10.25770	9.823	20.36	0.0478	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Call			1,394.27450	1,557.951	17.82	0.9482	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.37	Put			24.97450	23.651	17.82	0.0518	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Call			1,384.66990	1,548.287	17.77	0.9474	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Put			25.36990	23.987	17.77	0.0526	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Call			1,403.88620	1,567.620	17.86	0.9489	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Put			24.58620	23.321	17.86	0.0511	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Call			815.71130	899.950	15.80	0.7232	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Put			256.71130	233.850	15.80	0.2768	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			809.36070	893.278	15.81	0.7203	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			260.36070	237.178	15.81	0.2797	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			822.11150	906.651	15.80	0.7260	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			253.11150	230.551	15.80	0.2740	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Call			1,243.51540	1,388.018	15.65	0.8153	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Put			193.21540	168.118	15.65	0.1847	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
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Call			1,236.25270	1,380.250	15.65	0.8134	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Put			195.95270	170.350	15.65	0.1866	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Call			1,250.80110	1,395.809	15.65	0.8172	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Put			190.50110	165.909	15.65	0.1828	0.00	0	0
Total SGD / R Option												0.00	0	0
Total SGD / R												0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Future			2.16420		2.23230			0.0000	0.00	0	5,270
TRY / R	On	14/12/2018	Foreign Exchange Future			2.08360		2.15320			0.0000	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Future			1.98840		2.05680			0.0000	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Future			1.90340		1.96550			0.0000	0.00	0	0
Total TRY / R Future												0.00	0	5,270
TRY / R	On	17/09/2018	Foreign Exchange Option	3.36	Call			0.32450	0.231	68.58	0.0025	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.36	Put			1,128.02450	1,196.031	68.58	0.9975	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.37	Call			0.30370	0.216	68.58	0.0023	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.37	Put			1,138.00370	1,206.016	68.58	0.9977	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.35	Call			0.34670	0.247	68.58	0.0026	0.00	0	0
TRY / R	On	17/09/2018	Foreign Exchange Option	3.35	Put			1,118.04670	1,186.047	68.58	0.9974	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Call			8.48010	7.753	37.26	0.0480	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Put			825.28010	894.153	37.26	0.9520	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Call			8.13030	7.448	37.26	0.0463	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Put			834.93030	903.848	37.26	0.9537	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Call			8.84390	8.069	37.26	0.0497	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Put			815.64390	884.469	37.26	0.9503	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Call			34.26890	30.607	34.54	0.1331	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Put			707.46890	772.207	34.54	0.8669	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Call			33.29480	29.761	34.54	0.1300	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Put			716.49480	781.361	34.54	0.8700	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Call			35.26930	31.476	34.54	0.1362	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Put			698.46930	763.076	34.54	0.8638	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Call			4.82570	4.400	32.61	0.0234	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Put			1,569.32570	1,631.000	32.61	0.9766	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Call			4.69940	4.287	32.61	0.0229	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Put			1,579.19940	1,640.887	32.61	0.9771	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Call			4.95520	4.515	32.61	0.0240	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Put			1,559.45520	1,621.115	32.61	0.9760	0.00	0	0
Total TRY / R Option												0.00	0	0
Total TRY / R												0.00	0	5,270
ZMW / R	On	17/09/2018	Foreign Exchange Future			1.42730		1.39720			0.0000	0.00	0	0
ZMW / R	On	14/12/2018	Foreign Exchange Future			1.36060		1.34010			0.0000	0.00	0	0
ZMW / R	On	18/03/2019	Foreign Exchange Future			1.30660		1.29010			0.0000	0.00	0	0
ZMW / R	On	14/06/2019	Foreign Exchange Future			1.23800		1.23380			0.0000	0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total ZMW / R Future									0.00	0	0
Total ZMW / R									0.00	0	0
Total Futures									5 781 098 409.58	373,773	1,630,378
Total Options									315 939 655.98	869,390	5,919,987
Grand Total:									6,097,038,065.56	1,243,163	7,550,365