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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS HIGH/LOW

HIGH/LOW FROM: 28/11/2019 TO 28/11/2019

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
28/11/2019	\$ / R 2019/11/29	14.25	P	Any day expiry	0.00005	0.00000			-99.61165	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	13.00	C	Any day expiry	1.72710	1.72710			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29			Any day expiry	14.72710	14.72710			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	14.20	C	Any day expiry	0.52711	0.52710			-0.00271	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	14.25	C	Any day expiry	0.47715	0.47710			-0.01075	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	13.00	P	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	14.20	P	Any day expiry	0.00001	0.00000			-100.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	17.26	P	Any day expiry	2.53290	2.53290			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	17.26	C	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	16.87	P	Any day expiry	2.14290	2.14290			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	16.87	C	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	16.03	P	Any day expiry	1.30290	1.30290			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/11/29	16.03	C	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/02	13.44	C	Any day expiry	1.29250	1.29250			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/02			Any day expiry	14.73250	14.73250			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/02	13.44	P	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/04	14.84	P	Any day expiry	0.18521	0.17635			-4.78554	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/04			Any day expiry	14.73620	14.73620			0.00000	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
28/11/2019	\$ / R 2019/12/04	14.84	C	Any day expiry	0.08141	0.07255			-10.88725	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.03	P	Foreign Exchange Future	0.00000	0.00000			-50.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.12	P	Foreign Exchange Future	0.01450	0.01262			-12.99488	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.55	P	Foreign Exchange Future	1.79761	1.79754			-0.00378	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.13	C	Foreign Exchange Future	0.00143	0.00108			-24.15849	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.37	C	Foreign Exchange Future	0.00049	0.00035			-28.72906	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.08	P	Foreign Exchange Future	0.01150	0.00989			-13.97926	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	12.87	C	Foreign Exchange Future	1.88260	1.88260			-0.00001	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.94	C	Foreign Exchange Future	0.81737	0.81653			-0.10359	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.41	P	Foreign Exchange Future	0.05929	0.05500			-7.24638	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.80	C	Foreign Exchange Future	0.95439	0.95399			-0.04106	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.00	P	Foreign Exchange Future	0.00000	0.00000			-40.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.85	P	Foreign Exchange Future	2.09745	2.09743			-0.00091	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	17.38	C	Foreign Exchange Future	0.00000	0.00000			-48.64865	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	15.81	C	Foreign Exchange Future	0.00544	0.00445			-18.22009	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	15.80	P	Foreign Exchange Future	1.05306	1.05204			-0.09702	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.55	C	Foreign Exchange Future	0.00021	0.00014			-32.19697	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.11	C	Foreign Exchange Future	0.65630	0.65448			-0.27622	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.11	P	Foreign Exchange Future	0.01370	0.01188			-13.23588	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.94	P	Foreign Exchange Future	0.00477	0.00393			-17.74123	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	17.02	P	Foreign Exchange Future	2.26742	2.26741			-0.00039	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	17.02	C	Foreign Exchange Future	0.00002	0.00001			-40.82569	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.00	C	Foreign Exchange Future	0.75960	0.75848			-0.14833	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.00	P	Foreign Exchange Future	0.00700	0.00588			-16.09043	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.25	P	Foreign Exchange Future	1.49825	1.49802			-0.01492	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.25	C	Foreign Exchange Future	0.00085	0.00062			-26.41777	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	11.89	C	Foreign Exchange Future	2.86260	2.86260			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	11.89	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.66	C	Foreign Exchange Future	1.09319	1.09303			-0.01425	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.66	P	Foreign Exchange Future	0.00059	0.00043			-26.61428	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	15.82	C	Foreign Exchange Future	0.00522	0.00426			-18.40423	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	15.82	P	Foreign Exchange Future	1.07262	1.07166			-0.08963	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.03	C	Foreign Exchange Future	1.72260	1.72260			-0.00002	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.12	C	Foreign Exchange Future	0.64710	0.64522			-0.29121	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.99	P	Foreign Exchange Future	2.23743	2.23742			-0.00045	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.13	P	Foreign Exchange Future	1.37883	1.37848			-0.02499	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.37	P	Foreign Exchange Future	1.61789	1.61775			-0.00869	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.08	C	Foreign Exchange Future	0.68410	0.68249			-0.23491	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.35	P	Foreign Exchange Future	1.59794	1.59778			-0.00951	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	12.87	P	Foreign Exchange Future	0.00000	0.00000			-100.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.41	C	Foreign Exchange Future	0.40189	0.39760			-1.06911	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.80	P	Foreign Exchange Future	0.00179	0.00139			-21.94043	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	13.00	C	Foreign Exchange Future	1.75260	1.75260			-0.00001	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.85	C	Foreign Exchange Future	0.00005	0.00003			-37.92415	0.00000	0.00000	0

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28/11/2019	\$ / R 2019/12/13	17.38	P	Foreign Exchange Future	2.62740	2.62740			-0.00007	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	15.81	P	Foreign Exchange Future	1.06284	1.06185			-0.09325	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	15.80	C	Foreign Exchange Future	0.00566	0.00464			-18.03944	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.99	C	Foreign Exchange Future	0.00003	0.00002			-40.07937	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.10	C	Foreign Exchange Future	0.66553	0.66379			-0.26185	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.10	P	Foreign Exchange Future	0.01293	0.01119			-13.48036	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.35	C	Foreign Exchange Future	0.00054	0.00038			-28.33178	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.20	P	Foreign Exchange Future	1.44845	1.44818			-0.01852	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	16.20	C	Foreign Exchange Future	0.00105	0.00078			-25.47009	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.07	C	Foreign Exchange Future	0.69343	0.69189			-0.22227	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	14.07	P	Foreign Exchange Future	0.01083	0.00929			-14.23203	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	20.00	P	Foreign Exchange Future	5.24740	5.24740			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/13	20.00	C	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	17.44	P	Any day expiry	2.65530	2.65519			-0.00383	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	16.21	P	Any day expiry	1.43938	1.43827			-0.07720	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31			Any day expiry	14.78540	14.78540			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	14.20	P	Any day expiry	0.06389	0.06138			-3.92812	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	17.44	C	Any day expiry	0.00070	0.00059			-14.60820	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	17.05	C	Any day expiry	0.00186	0.00164			-12.31165	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	16.21	C	Any day expiry	0.01478	0.01367			-7.51847	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	14.20	C	Any day expiry	0.64929	0.64678			-0.38650	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	17.05	P	Any day expiry	2.26646	2.26624			-0.01013	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	14.25	C	Any day expiry	0.61013	0.60741			-0.44538	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	14.25	P	Any day expiry	0.07473	0.07201			-3.63640	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	13.00	P	Any day expiry	0.00018	0.00015			-16.55405	0.00000	0.00000	0
28/11/2019	\$ / R 2019/12/31	13.00	C	Any day expiry	1.78558	1.78555			-0.00165	0.00000	0.00000	0
28/11/2019	\$ / R 2020/01/02			Any day expiry	14.78910	14.78910			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/01/02	13.49	P	Any day expiry	0.00406	0.00369			-9.19192	0.00000	0.00000	0
28/11/2019	\$ / R 2020/01/02	13.49	C	Any day expiry	1.30316	1.30279			-0.02863	0.00000	0.00000	0
28/11/2019	\$ / R 2020/01/31	13.54	P	Any day expiry	0.02243	0.02165			-3.49358	0.00000	0.00000	0
28/11/2019	\$ / R 2020/01/31			Any day expiry	14.84240	14.84240			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/01/31	13.54	C	Any day expiry	1.32483	1.32405			-0.05915	0.00000	0.00000	0
28/11/2019	\$ / R 2020/02/28			Any day expiry	14.89510	14.89510			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/02/28	14.78	P	Any day expiry	0.40701	0.40453			-0.60895	0.00000	0.00000	0
28/11/2019	\$ / R 2020/02/28	14.78	C	Any day expiry	0.52211	0.51963			-0.47471	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/02			Any day expiry	14.90060	14.90060			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/02	13.59	P	Any day expiry	0.05108	0.05011			-1.89718	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/02	13.59	C	Any day expiry	1.36168	1.36071			-0.07117	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	13.19	P	Foreign Exchange Future	0.02326	0.02275			-2.20477	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	14.51	P	Foreign Exchange Future	0.30658	0.30449			-0.68154	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	16.81	C	Foreign Exchange Future	0.08997	0.08857			-1.56061	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	14.40	C	Foreign Exchange Future	0.78796	0.78598			-0.25192	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	16.60	P	Foreign Exchange Future	1.78413	1.78257			-0.08749	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	17.73	C	Foreign Exchange Future	0.03769	0.03686			-2.20181	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	15.61	C	Foreign Exchange Future	0.27762	0.27539			-0.80377	0.00000	0.00000	0

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28/11/2019	\$ / R 2020/03/16	14.01	P	Foreign Exchange Future	0.14041	0.13888			-1.08881	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	15.63	C	Foreign Exchange Future	0.27254	0.27032			-0.81515	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	14.51	C	Foreign Exchange Future	0.72248	0.72039			-0.28921	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	13.06	C	Foreign Exchange Future	1.88177	1.88138			-0.02075	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	13.06	P	Foreign Exchange Future	0.01587	0.01548			-2.45969	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	15.61	P	Foreign Exchange Future	0.96172	0.95949			-0.23202	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	11.91	C	Foreign Exchange Future	3.01602	3.01601			-0.00024	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	11.91	P	Foreign Exchange Future	0.00012	0.00011			-6.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	13.19	C	Foreign Exchange Future	1.75916	1.75865			-0.02916	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	16.81	P	Foreign Exchange Future	1.97407	1.97267			-0.07113	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	14.40	P	Foreign Exchange Future	0.26206	0.26008			-0.75745	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	16.60	C	Foreign Exchange Future	0.11003	0.10847			-1.41860	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	17.73	P	Foreign Exchange Future	2.84179	2.84096			-0.02920	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	14.01	C	Foreign Exchange Future	1.05631	1.05478			-0.14473	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	15.63	P	Foreign Exchange Future	0.97664	0.97442			-0.22747	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	14.66	C	Foreign Exchange Future	0.63989	0.63768			-0.34464	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	14.66	P	Foreign Exchange Future	0.37399	0.37178			-0.58967	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	17.04	P	Foreign Exchange Future	2.18631	2.18507			-0.05677	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	17.04	C	Foreign Exchange Future	0.07221	0.07097			-1.71878	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	17.88	P	Foreign Exchange Future	2.98691	2.98616			-0.02535	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	17.88	C	Foreign Exchange Future	0.03281	0.03206			-2.30752	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	13.78	C	Foreign Exchange Future	1.23815	1.23692			-0.09935	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	13.78	P	Foreign Exchange Future	0.09225	0.09102			-1.33344	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	12.96	C	Foreign Exchange Future	1.97748	1.97718			-0.01566	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	12.96	P	Foreign Exchange Future	0.01158	0.01128			-2.67331	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	15.62	C	Foreign Exchange Future	0.27507	0.27284			-0.80948	0.00000	0.00000	0
28/11/2019	\$ / R 2020/03/16	15.62	P	Foreign Exchange Future	0.96917	0.96694			-0.22974	0.00000	0.00000	0
28/11/2019	\$ / R 2020/04/02	13.64	C	Any day expiry	1.40159	1.40054			-0.07458	0.00000	0.00000	0
28/11/2019	\$ / R 2020/04/02			Any day expiry	14.95720	14.95720			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/04/02	13.64	P	Any day expiry	0.08439	0.08334			-1.23867	0.00000	0.00000	0
28/11/2019	\$ / R 2020/04/29			Any day expiry	15.00870	15.00870			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/04/29	13.69	P	Any day expiry	0.11553	0.11446			-0.92763	0.00000	0.00000	0
28/11/2019	\$ / R 2020/04/29	13.69	C	Any day expiry	1.43423	1.43316			-0.07472	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/02	13.74	P	Any day expiry	0.15356	0.15248			-0.69760	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/02			Any day expiry	15.07600	15.07600			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/02	13.74	C	Any day expiry	1.48956	1.48848			-0.07191	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	11.90	C	Foreign Exchange Future	3.19979	3.19970			-0.00253	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	14.25	C	Foreign Exchange Future	1.15302	1.15160			-0.12285	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	15.17	P	Foreign Exchange Future	0.75260	0.75079			-0.23969	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12			Foreign Exchange Future	15.09580	15.09580			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	14.25	P	Foreign Exchange Future	0.30722	0.30580			-0.46107	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	17.26	P	Foreign Exchange Future	2.35483	2.35346			-0.05826	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	17.26	C	Foreign Exchange Future	0.19063	0.18926			-0.71971	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	15.17	C	Foreign Exchange Future	0.67840	0.67659			-0.26591	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
28/11/2019	\$ / R 2020/06/12	11.90	P	Foreign Exchange Future	0.00399	0.00390			-2.02971	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	15.18	C	Foreign Exchange Future	0.67433	0.67252			-0.26773	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	15.16	P	Foreign Exchange Future	0.74669	0.74488			-0.24139	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	15.18	P	Foreign Exchange Future	0.75853	0.75672			-0.23801	0.00000	0.00000	0
28/11/2019	\$ / R 2020/06/12	15.16	C	Foreign Exchange Future	0.68249	0.68068			-0.26409	0.00000	0.00000	0
28/11/2019	\$ / R 2020/07/28			Any day expiry	15.18680	15.18680			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/07/28	15.37	P	Any day expiry	0.91038	0.90872			-0.18274	0.00000	0.00000	0
28/11/2019	\$ / R 2020/07/28	15.37	C	Any day expiry	0.72718	0.72552			-0.22877	0.00000	0.00000	0
28/11/2019	\$ / R 2020/09/14	15.35	P	Foreign Exchange Future	0.93014	0.92861			-0.16451	0.00000	0.00000	0
28/11/2019	\$ / R 2020/09/14	15.34	C	Foreign Exchange Future	0.86456	0.86303			-0.17684	0.00000	0.00000	0
28/11/2019	\$ / R 2020/09/14			Foreign Exchange Future	15.28040	15.28040			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R 2020/09/14	15.35	C	Foreign Exchange Future	0.86054	0.85901			-0.17782	0.00000	0.00000	0
28/11/2019	\$ / R 2020/09/14	15.34	P	Foreign Exchange Future	0.92416	0.92263			-0.16544	0.00000	0.00000	0
28/11/2019	\$ / R 2020/09/14	15.36	C	Foreign Exchange Future	0.85655	0.85501			-0.17879	0.00000	0.00000	0
28/11/2019	\$ / R 2020/09/14	15.36	P	Foreign Exchange Future	0.93615	0.93461			-0.16359	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2019/12/13	14.02	P	Foreign Exchange Future	0.00796	0.00672			-15.54547	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2019/12/13	14.01	C	Foreign Exchange Future	0.75007	0.74889			-0.15745	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2019/12/13	14.02	C	Foreign Exchange Future	0.74056	0.73932			-0.16704	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2019/12/13	14.01	P	Foreign Exchange Future	0.00747	0.00629			-15.81733	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2019/12/13	14.03	C	Foreign Exchange Future	0.73107	0.72978			-0.17709	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2019/12/13	14.03	P	Foreign Exchange Future	0.00847	0.00718			-15.27679	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2020/03/16	14.68	C	Foreign Exchange Future	0.62945	0.62724			-0.35243	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2020/03/16	14.69	P	Foreign Exchange Future	0.38839	0.38616			-0.57280	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2020/03/16	14.68	P	Foreign Exchange Future	0.38355	0.38134			-0.57837	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2020/03/16	14.69	C	Foreign Exchange Future	0.62429	0.62206			-0.35635	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2020/03/16	14.67	C	Foreign Exchange Future	0.63465	0.63244			-0.34853	0.00000	0.00000	0
28/11/2019	\$ / R MAXI 2020/03/16	14.67	P	Foreign Exchange Future	0.37875	0.37654			-0.58400	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	19.96	C	Foreign Exchange Future	0.04044	0.03637			-10.05945	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	19.95	P	Foreign Exchange Future	0.72057	0.71643			-0.57420	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13			Foreign Exchange Future	19.27110	19.27110			0.00000	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	19.97	C	Foreign Exchange Future	0.03924	0.03524			-10.18927	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	19.97	P	Foreign Exchange Future	0.73814	0.73414			-0.54167	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	19.96	P	Foreign Exchange Future	0.72934	0.72527			-0.55774	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	19.95	C	Foreign Exchange Future	0.04167	0.03753			-9.93016	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	18.75	C	Foreign Exchange Future	0.57593	0.57130			-0.80473	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	18.75	P	Foreign Exchange Future	0.05483	0.05020			-8.45231	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	22.13	P	Foreign Exchange Future	2.85891	2.85890			-0.00010	0.00000	0.00000	0
28/11/2019	£ / R 2019/12/13	22.13	C	Foreign Exchange Future	0.00001	0.00000			-46.15385	0.00000	0.00000	0
28/11/2019	£ / R 2020/03/16	19.00	P	Foreign Exchange Future	0.36881	0.36621			-0.70672	0.00000	0.00000	0
28/11/2019	£ / R 2020/03/16	20.31	C	Foreign Exchange Future	0.36179	0.35904			-0.75999	0.00000	0.00000	0
28/11/2019	£ / R 2020/03/16			Foreign Exchange Future	19.57520	19.57520			0.00000	0.00000	0.00000	0
28/11/2019	£ / R 2020/03/16	20.29	C	Foreign Exchange Future	0.36763	0.36487			-0.75067	0.00000	0.00000	0
28/11/2019	£ / R 2020/03/16	20.29	P	Foreign Exchange Future	1.08243	1.07967			-0.25495	0.00000	0.00000	0

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28/11/2019	£ / R 2020/03/16	19.00	C	Foreign Exchange Future	0.94401	0.94141			-0.27611	0.00000	0.00000	0
28/11/2019	£ / R 2020/03/16	20.31	P	Foreign Exchange Future	1.09659	1.09384			-0.25074	0.00000	0.00000	0
28/11/2019	£ / R 2020/03/16	20.30	C	Foreign Exchange Future	0.36470	0.36195			-0.75533	0.00000	0.00000	0
28/11/2019	£ / R 2020/03/16	20.30	P	Foreign Exchange Future	1.08950	1.08675			-0.25284	0.00000	0.00000	0
28/11/2019	£ / R 2020/06/12	20.01	P	Foreign Exchange Future	0.97410	0.97184			-0.23251	0.00000	0.00000	0
28/11/2019	£ / R 2020/06/12			Foreign Exchange Future	19.86290	19.86290			0.00000	0.00000	0.00000	0
28/11/2019	£ / R 2020/06/12	20.00	C	Foreign Exchange Future	0.83122	0.82896			-0.27239	0.00000	0.00000	0
28/11/2019	£ / R 2020/06/12	20.00	P	Foreign Exchange Future	0.96832	0.96606			-0.23383	0.00000	0.00000	0
28/11/2019	£ / R 2020/06/12	20.01	C	Foreign Exchange Future	0.82701	0.82474			-0.27387	0.00000	0.00000	0
28/11/2019	£ / R 2020/06/12	19.99	C	Foreign Exchange Future	0.83545	0.83319			-0.27093	0.00000	0.00000	0
28/11/2019	£ / R 2020/06/12	19.99	P	Foreign Exchange Future	0.96255	0.96029			-0.23516	0.00000	0.00000	0
28/11/2019	£ / R 2020/09/14	20.30	C	Foreign Exchange Future	1.07863	1.07668			-0.18101	0.00000	0.00000	0
28/11/2019	£ / R 2020/09/14	20.29	P	Foreign Exchange Future	1.20244	1.20049			-0.16230	0.00000	0.00000	0
28/11/2019	£ / R 2020/09/14			Foreign Exchange Future	20.17040	20.17040			0.00000	0.00000	0.00000	0
28/11/2019	£ / R 2020/09/14	20.31	C	Foreign Exchange Future	1.07442	1.07247			-0.18178	0.00000	0.00000	0
28/11/2019	£ / R 2020/09/14	20.31	P	Foreign Exchange Future	1.21402	1.21207			-0.16088	0.00000	0.00000	0
28/11/2019	£ / R 2020/09/14	20.30	P	Foreign Exchange Future	1.20823	1.20628			-0.16159	0.00000	0.00000	0
28/11/2019	£ / R 2020/09/14	20.29	C	Foreign Exchange Future	1.08284	1.08089			-0.18023	0.00000	0.00000	0
28/11/2019	¥ / R 2019/12/13	0.13	P	Foreign Exchange Future	0.00036	0.00033			-9.23392	0.00000	0.00000	0
28/11/2019	¥ / R 2019/12/13	0.12	C	Foreign Exchange Future	0.01460	0.01460			-0.00015	0.00000	0.00000	0
28/11/2019	¥ / R 2019/12/13			Foreign Exchange Future	0.13460	0.13460			0.00000	0.00000	0.00000	0
28/11/2019	¥ / R 2019/12/13	0.13	C	Foreign Exchange Future	0.00496	0.00493			-0.67235	0.00000	0.00000	0
28/11/2019	¥ / R 2019/12/13	0.12	P	Foreign Exchange Future	0.00000	0.00000			-44.00000	0.00000	0.00000	0
28/11/2019	¥ / R 2019/12/13	0.14	C	Foreign Exchange Future	0.00039	0.00035			-9.48639	0.00000	0.00000	0
28/11/2019	¥ / R 2019/12/13	0.14	P	Foreign Exchange Future	0.00579	0.00575			-0.63476	0.00000	0.00000	0
28/11/2019	¥ / R 2020/03/16	0.15	P	Foreign Exchange Future	0.01441	0.01439			-0.12944	0.00000	0.00000	0
28/11/2019	¥ / R 2020/03/16			Foreign Exchange Future	0.13720	0.13720			0.00000	0.00000	0.00000	0
28/11/2019	¥ / R 2020/03/16	0.14	C	Foreign Exchange Future	0.00411	0.00409			-0.58469	0.00000	0.00000	0
28/11/2019	¥ / R 2020/03/16	0.14	P	Foreign Exchange Future	0.00691	0.00689			-0.34791	0.00000	0.00000	0
28/11/2019	¥ / R 2020/03/16	0.15	C	Foreign Exchange Future	0.00161	0.00159			-1.15932	0.00000	0.00000	0
28/11/2019	¥ / R 2020/03/16	0.13	C	Foreign Exchange Future	0.00919	0.00917			-0.19575	0.00000	0.00000	0
28/11/2019	¥ / R 2020/03/16	0.13	P	Foreign Exchange Future	0.00199	0.00197			-0.90312	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	18.03	P	Foreign Exchange Future	1.26447	1.26378			-0.05502	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	19.80	P	Foreign Exchange Future	3.03110	3.03110			-0.00002	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	14.09	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	15.70	P	Foreign Exchange Future	0.00134	0.00102			-23.46335	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	13.73	C	Foreign Exchange Future	3.03890	3.03890			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	16.15	C	Foreign Exchange Future	0.63962	0.63718			-0.38124	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13			Foreign Exchange Future	16.76890	16.76890			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	18.02	C	Foreign Exchange Future	0.00351	0.00279			-20.44859	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	18.02	P	Foreign Exchange Future	1.25461	1.25389			-0.05719	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	14.09	C	Foreign Exchange Future	2.67890	2.67890			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	20.62	P	Foreign Exchange Future	3.85110	3.85110			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	20.62	C	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	18.03	C	Foreign Exchange Future	0.00337	0.00268			-20.62433	0.00000	0.00000	0

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28/11/2019	€ / R 2019/12/13	15.85	P	Foreign Exchange Future	0.00370	0.00299			-19.11618	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	19.80	C	Foreign Exchange Future	0.00000	0.00000			-45.45455	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	15.70	C	Foreign Exchange Future	1.07024	1.06992			-0.02928	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	19.79	P	Foreign Exchange Future	3.02110	3.02110			-0.00002	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	13.73	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	16.15	P	Foreign Exchange Future	0.02072	0.01828			-11.76871	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	18.01	C	Foreign Exchange Future	0.00365	0.00291			-20.27564	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	18.01	P	Foreign Exchange Future	1.24475	1.24401			-0.05945	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	14.23	C	Foreign Exchange Future	2.53890	2.53890			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	14.23	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	15.85	C	Foreign Exchange Future	0.92260	0.92189			-0.07671	0.00000	0.00000	0
28/11/2019	€ / R 2019/12/13	19.79	C	Foreign Exchange Future	0.00000	0.00000			-50.00000	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10	16.65	C	Any day expiry	0.61584	0.61308			-0.44861	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10	17.00	P	Any day expiry	0.46141	0.45840			-0.65203	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10			Any day expiry	16.97740	16.97740			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10	17.07	P	Any day expiry	0.50137	0.49835			-0.60289	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10	17.07	C	Any day expiry	0.40877	0.40575			-0.73946	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10	16.65	P	Any day expiry	0.28844	0.28568			-0.95780	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10	16.91	P	Any day expiry	0.41262	0.40964			-0.72064	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10	17.00	C	Any day expiry	0.43881	0.43580			-0.68561	0.00000	0.00000	0
28/11/2019	€ / R 2020/02/10	16.91	C	Any day expiry	0.48002	0.47704			-0.61946	0.00000	0.00000	0
28/11/2019	€ / R 2020/03/16	18.46	C	Foreign Exchange Future	0.17283	0.17083			-1.15651	0.00000	0.00000	0
28/11/2019	€ / R 2020/03/16	18.45	P	Foreign Exchange Future	1.52805	1.52605			-0.13128	0.00000	0.00000	0
28/11/2019	€ / R 2020/03/16			Foreign Exchange Future	17.09630	17.09630			0.00000	0.00000	0.00000	0
28/11/2019	€ / R 2020/03/16	18.47	C	Foreign Exchange Future	0.17132	0.16933			-1.16243	0.00000	0.00000	0
28/11/2019	€ / R 2020/03/16	18.47	P	Foreign Exchange Future	1.54502	1.54303			-0.12890	0.00000	0.00000	0
28/11/2019	€ / R 2020/03/16	18.46	P	Foreign Exchange Future	1.53653	1.53453			-0.13009	0.00000	0.00000	0
28/11/2019	€ / R 2020/03/16	18.45	C	Foreign Exchange Future	0.17435	0.17235			-1.15060	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13	10.91	P	Foreign Exchange Future	0.45967	0.45879			-0.19331	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13	11.00	P	Foreign Exchange Future	0.54666	0.54612			-0.09743	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13			Foreign Exchange Future	10.45630	10.45630			0.00000	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13	10.90	C	Foreign Exchange Future	0.00644	0.00551			-14.53626	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13	10.90	P	Foreign Exchange Future	0.45014	0.44921			-0.20807	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13	10.91	C	Foreign Exchange Future	0.00597	0.00509			-14.87470	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13	11.00	C	Foreign Exchange Future	0.00296	0.00242			-18.01942	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13	10.89	C	Foreign Exchange Future	0.00695	0.00596			-14.20159	0.00000	0.00000	0
28/11/2019	AU\$ / R 2019/12/13	10.89	P	Foreign Exchange Future	0.44065	0.43966			-0.22385	0.00000	0.00000	0
28/11/2019	AU\$ / R 2020/03/16	11.06	C	Foreign Exchange Future	0.12312	0.12199			-0.91085	0.00000	0.00000	0
28/11/2019	AU\$ / R 2020/03/16	11.05	P	Foreign Exchange Future	0.57220	0.57107			-0.19710	0.00000	0.00000	0
28/11/2019	AU\$ / R 2020/03/16			Foreign Exchange Future	10.60320	10.60320			0.00000	0.00000	0.00000	0
28/11/2019	AU\$ / R 2020/03/16	11.07	C	Foreign Exchange Future	0.12087	0.11975			-0.92233	0.00000	0.00000	0
28/11/2019	AU\$ / R 2020/03/16	11.07	P	Foreign Exchange Future	0.58767	0.58655			-0.18970	0.00000	0.00000	0
28/11/2019	AU\$ / R 2020/03/16	11.06	P	Foreign Exchange Future	0.57992	0.57879			-0.19337	0.00000	0.00000	0
28/11/2019	AU\$ / R 2020/03/16	11.05	C	Foreign Exchange Future	0.12540	0.12427			-0.89936	0.00000	0.00000	0
28/11/2019	CAD/ R 2019/12/13	11.54	C	Foreign Exchange Future	0.00746	0.00637			-14.64235	0.00000	0.00000	0

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28/11/2019	CAD/ R 2019/12/13	11.55	P	Foreign Exchange Future	0.54670	0.54565			-0.19106	0.00000	0.00000	0
28/11/2019	CAD/ R 2019/12/13	11.53	P	Foreign Exchange Future	0.52765	0.52651			-0.21626	0.00000	0.00000	0
28/11/2019	CAD/ R 2019/12/13			Foreign Exchange Future	11.01030	11.01030			0.00000	0.00000	0.00000	0
28/11/2019	CAD/ R 2019/12/13	11.54	P	Foreign Exchange Future	0.53716	0.53607			-0.20331	0.00000	0.00000	0
28/11/2019	CAD/ R 2019/12/13	11.55	C	Foreign Exchange Future	0.00700	0.00595			-14.92783	0.00000	0.00000	0
28/11/2019	CAD/ R 2019/12/13	11.53	C	Foreign Exchange Future	0.00795	0.00681			-14.35852	0.00000	0.00000	0
28/11/2019	CAD/ R 2020/03/16	11.70	C	Foreign Exchange Future	0.14353	0.14222			-0.91449	0.00000	0.00000	0
28/11/2019	CAD/ R 2020/03/16			Foreign Exchange Future	11.16030	11.16030			0.00000	0.00000	0.00000	0
28/11/2019	CAD/ R 2020/03/16	11.68	C	Foreign Exchange Future	0.14810	0.14677			-0.89509	0.00000	0.00000	0
28/11/2019	CAD/ R 2020/03/16	11.68	P	Foreign Exchange Future	0.66780	0.66647			-0.19850	0.00000	0.00000	0
28/11/2019	CAD/ R 2020/03/16	11.70	P	Foreign Exchange Future	0.68323	0.68192			-0.19212	0.00000	0.00000	0
28/11/2019	CAD/ R 2020/03/16	11.69	C	Foreign Exchange Future	0.14580	0.14448			-0.90474	0.00000	0.00000	0
28/11/2019	CAD/ R 2020/03/16	11.69	P	Foreign Exchange Future	0.67550	0.67418			-0.19528	0.00000	0.00000	0
28/11/2019	CHF / R 2019/12/13	15.96	P	Foreign Exchange Future	1.18959	1.18902			-0.04802	0.00000	0.00000	0
28/11/2019	CHF / R 2019/12/13	15.95	C	Foreign Exchange Future	0.00281	0.00222			-21.04907	0.00000	0.00000	0
28/11/2019	CHF / R 2019/12/13			Foreign Exchange Future	14.77310	14.77310			0.00000	0.00000	0.00000	0
28/11/2019	CHF / R 2019/12/13	15.96	C	Foreign Exchange Future	0.00269	0.00212			-21.24289	0.00000	0.00000	0
28/11/2019	CHF / R 2019/12/13	15.95	P	Foreign Exchange Future	1.17971	1.17912			-0.05011	0.00000	0.00000	0
28/11/2019	CHF / R 2019/12/13	15.97	C	Foreign Exchange Future	0.00257	0.00202			-21.43329	0.00000	0.00000	0
28/11/2019	CHF / R 2019/12/13	15.97	P	Foreign Exchange Future	1.19947	1.19892			-0.04600	0.00000	0.00000	0
28/11/2019	CHF / R 2020/03/16	16.64	P	Foreign Exchange Future	1.68493	1.68328			-0.09762	0.00000	0.00000	0
28/11/2019	CHF / R 2020/03/16			Foreign Exchange Future	15.07740	15.07740			0.00000	0.00000	0.00000	0
28/11/2019	CHF / R 2020/03/16	16.63	C	Foreign Exchange Future	0.12353	0.12187			-1.33803	0.00000	0.00000	0
28/11/2019	CHF / R 2020/03/16	16.63	P	Foreign Exchange Future	1.67613	1.67447			-0.09861	0.00000	0.00000	0
28/11/2019	CHF / R 2020/03/16	16.64	C	Foreign Exchange Future	0.12233	0.12068			-1.34469	0.00000	0.00000	0
28/11/2019	CHF / R 2020/03/16	16.62	C	Foreign Exchange Future	0.12474	0.12308			-1.33137	0.00000	0.00000	0
28/11/2019	CHF / R 2020/03/16	16.62	P	Foreign Exchange Future	1.66734	1.66568			-0.09960	0.00000	0.00000	0
28/11/2019	CNH / R 2019/12/13	2.11	P	Foreign Exchange Future	0.00101	0.00085			-15.97095	0.00000	0.00000	0
28/11/2019	CNH / R 2019/12/13	2.10	C	Foreign Exchange Future	0.11534	0.11522			-0.09919	0.00000	0.00000	0
28/11/2019	CNH / R 2019/12/13			Foreign Exchange Future	2.21470	2.21470			0.00000	0.00000	0.00000	0
28/11/2019	CNH / R 2019/12/13	2.11	C	Foreign Exchange Future	0.10571	0.10555			-0.15227	0.00000	0.00000	0
28/11/2019	CNH / R 2019/12/13	2.10	P	Foreign Exchange Future	0.00064	0.00052			-17.93834	0.00000	0.00000	0
28/11/2019	CNH / R 2019/12/13	2.12	C	Foreign Exchange Future	0.09624	0.09603			-0.22693	0.00000	0.00000	0
28/11/2019	CNH / R 2019/12/13	2.12	P	Foreign Exchange Future	0.00154	0.00133			-14.13721	0.00000	0.00000	0
28/11/2019	DKK / R 2019/12/13	2.54	P	Foreign Exchange Future	0.29050	0.29050			-0.00017	0.00000	0.00000	0
28/11/2019	DKK / R 2019/12/13			Foreign Exchange Future	2.24950	2.24950			0.00000	0.00000	0.00000	0
28/11/2019	DKK / R 2019/12/13	2.54	C	Foreign Exchange Future	0.00000	0.00000			-43.47826	0.00000	0.00000	0
28/11/2019	DKK / R 2019/12/13	2.55	C	Foreign Exchange Future	0.00000	0.00000			-45.71429	0.00000	0.00000	0
28/11/2019	DKK / R 2019/12/13	2.53	P	Foreign Exchange Future	0.28050	0.28050			-0.00028	0.00000	0.00000	0
28/11/2019	DKK / R 2019/12/13	2.55	P	Foreign Exchange Future	0.30050	0.30050			-0.00011	0.00000	0.00000	0
28/11/2019	DKK / R 2019/12/13	2.53	C	Foreign Exchange Future	0.00000	0.00000			-42.24599	0.00000	0.00000	0
28/11/2019	DKK / R 2020/03/16	2.61	C	Foreign Exchange Future	0.00610	0.00598			-2.00640	0.00000	0.00000	0
28/11/2019	DKK / R 2020/03/16	2.60	P	Foreign Exchange Future	0.31164	0.31151			-0.04144	0.00000	0.00000	0
28/11/2019	DKK / R 2020/03/16			Foreign Exchange Future	2.29500	2.29500			0.00000	0.00000	0.00000	0
28/11/2019	DKK / R 2020/03/16	2.62	C	Foreign Exchange Future	0.00560	0.00549			-2.06787	0.00000	0.00000	0



Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
28/11/2019	DKK / R 2020/03/16	2.62	P	Foreign Exchange Future	0.33060	0.33049			-0.03505	0.00000	0.00000	0
28/11/2019	DKK / R 2020/03/16	2.61	P	Foreign Exchange Future	0.32110	0.32098			-0.03811	0.00000	0.00000	0
28/11/2019	DKK / R 2020/03/16	2.60	C	Foreign Exchange Future	0.00664	0.00651			-1.94559	0.00000	0.00000	0
28/11/2019	HK\$/R 2019/12/13	1.84	C	Foreign Exchange Future	0.05467	0.05416			-0.93720	0.00000	0.00000	0
28/11/2019	HK\$/R 2019/12/13	1.83	P	Foreign Exchange Future	0.00464	0.00421			-9.18930	0.00000	0.00000	0
28/11/2019	HK\$/R 2019/12/13			Foreign Exchange Future	1.88810	1.88810			0.00000	0.00000	0.00000	0
28/11/2019	HK\$/R 2019/12/13	1.85	C	Foreign Exchange Future	0.04713	0.04654			-1.25945	0.00000	0.00000	0
28/11/2019	HK\$/R 2019/12/13	1.85	P	Foreign Exchange Future	0.00903	0.00844			-6.57110	0.00000	0.00000	0
28/11/2019	HK\$/R 2019/12/13	1.84	P	Foreign Exchange Future	0.00657	0.00606			-7.80064	0.00000	0.00000	0
28/11/2019	HK\$/R 2019/12/13	1.83	C	Foreign Exchange Future	0.06274	0.06231			-0.67922	0.00000	0.00000	0
28/11/2019	KES / R 2019/12/13			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
28/11/2019	KES / R 2020/03/16			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
28/11/2019	NOK/R 2019/12/13			Foreign Exchange Future	1.71570	1.71570			0.00000	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2019/12/13	10.35	P	Foreign Exchange Future	0.47392	0.47299			-0.19472	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2019/12/13			Foreign Exchange Future	9.88230	9.88230			0.00000	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2019/12/13	10.35	C	Foreign Exchange Future	0.00622	0.00529			-14.84174	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2019/12/13	10.34	P	Foreign Exchange Future	0.46439	0.46342			-0.20911	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2019/12/13	10.36	C	Foreign Exchange Future	0.00577	0.00490			-15.17120	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2019/12/13	10.36	P	Foreign Exchange Future	0.48347	0.48260			-0.18119	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2019/12/13	10.34	C	Foreign Exchange Future	0.00669	0.00572			-14.51244	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2020/03/16	10.52	C	Foreign Exchange Future	0.11796	0.11684			-0.95311	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2020/03/16	10.53	P	Foreign Exchange Future	0.63178	0.63066			-0.17690	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2020/03/16			Foreign Exchange Future	10.01410	10.01410			0.00000	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2020/03/16	10.52	P	Foreign Exchange Future	0.62386	0.62274			-0.18022	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2020/03/16	10.53	C	Foreign Exchange Future	0.11588	0.11476			-0.96446	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2020/03/16	10.51	C	Foreign Exchange Future	0.12008	0.11895			-0.94178	0.00000	0.00000	0
28/11/2019	NZ\$ / R 2020/03/16	10.51	P	Foreign Exchange Future	0.61598	0.61485			-0.18359	0.00000	0.00000	0
28/11/2019	PULA / R 2019/12/13	1.35	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	PULA / R 2019/12/13			Foreign Exchange Future	1.35080	1.35080			0.00000	0.00000	0.00000	0
28/11/2019	PULA / R 2019/12/13	1.34	C	Foreign Exchange Future	0.01080	0.01080			0.00000	0.00000	0.00000	0
28/11/2019	PULA / R 2019/12/13	1.34	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	PULA / R 2019/12/13	1.35	C	Foreign Exchange Future	0.00080	0.00080			0.00000	0.00000	0.00000	0
28/11/2019	PULA / R 2019/12/13	1.33	C	Foreign Exchange Future	0.02080	0.02080			0.00000	0.00000	0.00000	0
28/11/2019	PULA / R 2019/12/13	1.33	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
28/11/2019	QUANTO £ / \$ 2019/12/13			Foreign Exchange Future	1.30630	1.30630			0.00000	0.00000	0.00000	0
28/11/2019	QUANTO £ / \$ 2020/03/16			Foreign Exchange Future	1.31150	1.31150			0.00000	0.00000	0.00000	0
28/11/2019	QUANTO € / \$ 2019/12/13			Foreign Exchange Future	1.13670	1.13670			0.00000	0.00000	0.00000	0
28/11/2019	QUANTO € / \$ 2020/03/16			Foreign Exchange Future	1.14540	1.14540			0.00000	0.00000	0.00000	0
28/11/2019	SGD / R 2019/12/13	10.67	P	Foreign Exchange Future	0.03779	0.03507			-7.19840	0.00000	0.00000	0
28/11/2019	SGD / R 2019/12/13	10.66	C	Foreign Exchange Future	0.25914	0.25650			-1.01862	0.00000	0.00000	0
28/11/2019	SGD / R 2019/12/13			Foreign Exchange Future	10.88370	10.88370			0.00000	0.00000	0.00000	0
28/11/2019	SGD / R 2019/12/13	10.67	C	Foreign Exchange Future	0.25149	0.24877			-1.08157	0.00000	0.00000	0
28/11/2019	SGD / R 2019/12/13	10.66	P	Foreign Exchange Future	0.03544	0.03280			-7.44907	0.00000	0.00000	0
28/11/2019	SGD / R 2019/12/13	10.68	C	Foreign Exchange Future	0.24395	0.24115			-1.14729	0.00000	0.00000	0
28/11/2019	SGD / R 2019/12/13	10.68	P	Foreign Exchange Future	0.04025	0.03745			-6.95373	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
28/11/2019	TRY / R 2019/12/13	2.30	C	Foreign Exchange Future	0.00333	0.00290			-13.10363	0.00000	0.00000	0
28/11/2019	TRY / R 2019/12/13	2.28	P	Foreign Exchange Future	0.13528	0.13472			-0.41816	0.00000	0.00000	0
28/11/2019	TRY / R 2019/12/13			Foreign Exchange Future	2.14970	2.14970			0.00000	0.00000	0.00000	0
28/11/2019	TRY / R 2019/12/13	2.30	P	Foreign Exchange Future	0.15363	0.15320			-0.28419	0.00000	0.00000	0
28/11/2019	TRY / R 2019/12/13	2.28	C	Foreign Exchange Future	0.00498	0.00442			-11.34964	0.00000	0.00000	0
28/11/2019	TRY / R 2019/12/13	2.29	P	Foreign Exchange Future	0.14439	0.14389			-0.34560	0.00000	0.00000	0
28/11/2019	TRY / R 2019/12/13	2.29	C	Foreign Exchange Future	0.00409	0.00359			-12.21004	0.00000	0.00000	0

**Future Open Interest**

**0**

**Option Open Interest**

**0**

**Total**

**0**