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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS HIGH/LOW

HIGH/LOW FROM: 22/11/2019 TO 22/11/2019

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
22/11/2019	\$ / R 2019/11/29	14.25	P	Any day expiry	0.00875	0.00641			-26.81988	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	13.00	C	Any day expiry	1.72710	1.72710			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29			Any day expiry	14.72710	14.72710			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	14.20	C	Any day expiry	0.53291	0.53117			-0.32657	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	14.25	C	Any day expiry	0.48585	0.48351			-0.48327	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	13.00	P	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	14.20	P	Any day expiry	0.00581	0.00407			-29.96333	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	17.26	P	Any day expiry	2.53290	2.53290			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	17.26	C	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	16.87	P	Any day expiry	2.14290	2.14290			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	16.87	C	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	16.03	P	Any day expiry	1.30295	1.30292			-0.00252	0.00000	0.00000	0
22/11/2019	\$ / R 2019/11/29	16.03	C	Any day expiry	0.00005	0.00002			-61.19403	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/02	13.44	C	Any day expiry	1.29251	1.29250			-0.00023	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/02			Any day expiry	14.73250	14.73250			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/02	13.44	P	Any day expiry	0.00001	0.00000			-57.69231	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/04	14.84	P	Any day expiry	0.22937	0.22280			-2.86342	0.00000	0.00000	0
22/11/2019	\$ / 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
22/11/2019	\$ / R 2019/12/04	14.84	C	Any day expiry	0.12557	0.11900			-5.23049	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.03	P	Foreign Exchange Future	0.00001	0.00001			-31.50685	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.12	P	Foreign Exchange Future	0.02690	0.02474			-8.03701	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.55	P	Foreign Exchange Future	1.79850	1.79829			-0.01193	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.13	C	Foreign Exchange Future	0.00469	0.00400			-14.56986	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.37	C	Foreign Exchange Future	0.00208	0.00172			-17.33359	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.08	P	Foreign Exchange Future	0.02237	0.02044			-8.60455	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	12.87	C	Foreign Exchange Future	1.88260	1.88260			-0.00006	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.94	C	Foreign Exchange Future	0.82379	0.82259			-0.14654	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.41	P	Foreign Exchange Future	0.08388	0.07992			-4.71989	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.80	C	Foreign Exchange Future	0.95781	0.95712			-0.07208	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.00	P	Foreign Exchange Future	0.00001	0.00001			-32.72727	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.85	P	Foreign Exchange Future	2.09777	2.09769			-0.00410	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	17.38	C	Foreign Exchange Future	0.00005	0.00004			-29.35606	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	15.81	C	Foreign Exchange Future	0.01307	0.01163			-11.06437	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	15.80	P	Foreign Exchange Future	1.06089	1.05941			-0.13932	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.55	C	Foreign Exchange Future	0.00110	0.00089			-19.47899	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.11	C	Foreign Exchange Future	0.66831	0.66620			-0.31450	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.11	P	Foreign Exchange Future	0.02571	0.02360			-8.17608	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.94	P	Foreign Exchange Future	0.01119	0.00999			-10.78464	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	17.02	P	Foreign Exchange Future	2.26760	2.26755			-0.00221	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	17.02	C	Foreign Exchange Future	0.00020	0.00015			-25.08746	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.00	C	Foreign Exchange Future	0.76772	0.76623			-0.19351	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.00	P	Foreign Exchange Future	0.01512	0.01363			-9.82618	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.25	P	Foreign Exchange Future	1.50055	1.50005			-0.03345	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.25	C	Foreign Exchange Future	0.00315	0.00265			-15.92777	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	11.89	C	Foreign Exchange Future	2.86260	2.86260			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	11.89	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.66	C	Foreign Exchange Future	1.09480	1.09445			-0.03231	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.66	P	Foreign Exchange Future	0.00220	0.00185			-16.04809	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	15.82	C	Foreign Exchange Future	0.01267	0.01126			-11.17074	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	15.82	P	Foreign Exchange Future	1.08007	1.07866			-0.13106	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.03	C	Foreign Exchange Future	1.72261	1.72261			-0.00027	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.12	C	Foreign Exchange Future	0.65950	0.65734			-0.32784	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.99	P	Foreign Exchange Future	2.23762	2.23757			-0.00247	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.13	P	Foreign Exchange Future	1.38209	1.38140			-0.04940	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.37	P	Foreign Exchange Future	1.61948	1.61912			-0.02225	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.08	C	Foreign Exchange Future	0.69497	0.69304			-0.27695	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.35	P	Foreign Exchange Future	1.59963	1.59925			-0.02384	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	12.87	P	Foreign Exchange Future	0.00000	0.00000			-35.48387	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.41	C	Foreign Exchange Future	0.42648	0.42252			-0.92830	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.80	P	Foreign Exchange Future	0.00521	0.00452			-13.25169	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	13.00	C	Foreign Exchange Future	1.75261	1.75261			-0.00021	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.85	C	Foreign Exchange Future	0.00037	0.00029			-23.05012	0.00000	0.00000	0

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22/11/2019	\$ / R 2019/12/13	17.38	P	Foreign Exchange Future	2.62745	2.62744			-0.00059	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	15.81	P	Foreign Exchange Future	1.07047	1.06903			-0.13513	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	15.80	C	Foreign Exchange Future	0.01349	0.01201			-10.95870	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.99	C	Foreign Exchange Future	0.00022	0.00017			-24.74273	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.10	C	Foreign Exchange Future	0.67715	0.67511			-0.30157	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.10	P	Foreign Exchange Future	0.02455	0.02251			-8.31694	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.35	C	Foreign Exchange Future	0.00223	0.00185			-17.10249	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.20	P	Foreign Exchange Future	1.45112	1.45055			-0.03937	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	16.20	C	Foreign Exchange Future	0.00372	0.00315			-15.35753	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.07	C	Foreign Exchange Future	0.70394	0.70207			-0.26522	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	14.07	P	Foreign Exchange Future	0.02134	0.01947			-8.75080	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	20.00	P	Foreign Exchange Future	5.24740	5.24740			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/13	20.00	C	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	17.44	P	Any day expiry	2.65615	2.65597			-0.00647	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	16.21	P	Any day expiry	1.44667	1.44539			-0.08865	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31			Any day expiry	14.78540	14.78540			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	14.20	P	Any day expiry	0.07879	0.07632			-3.12554	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	17.44	C	Any day expiry	0.00155	0.00137			-11.12333	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	17.05	C	Any day expiry	0.00363	0.00329			-9.39780	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	16.21	C	Any day expiry	0.02207	0.02079			-5.81119	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	14.20	C	Any day expiry	0.66419	0.66172			-0.37075	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	17.05	P	Any day expiry	2.26823	2.26789			-0.01505	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	14.25	C	Any day expiry	0.62615	0.62352			-0.42116	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	14.25	P	Any day expiry	0.09075	0.08812			-2.90575	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	13.00	P	Any day expiry	0.00044	0.00039			-12.61566	0.00000	0.00000	0
22/11/2019	\$ / R 2019/12/31	13.00	C	Any day expiry	1.78584	1.78579			-0.00313	0.00000	0.00000	0
22/11/2019	\$ / R 2020/01/02			Any day expiry	14.78910	14.78910			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/01/02	13.49	P	Any day expiry	0.00666	0.00619			-7.14414	0.00000	0.00000	0
22/11/2019	\$ / R 2020/01/02	13.49	C	Any day expiry	1.30576	1.30529			-0.03646	0.00000	0.00000	0
22/11/2019	\$ / R 2020/01/31	13.54	P	Any day expiry	0.02730	0.02647			-3.04045	0.00000	0.00000	0
22/11/2019	\$ / R 2020/01/31			Any day expiry	14.84240	14.84240			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/01/31	13.54	C	Any day expiry	1.32970	1.32887			-0.06243	0.00000	0.00000	0
22/11/2019	\$ / R 2020/02/28			Any day expiry	14.89510	14.89510			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/02/28	14.78	P	Any day expiry	0.42161	0.41921			-0.56981	0.00000	0.00000	0
22/11/2019	\$ / R 2020/02/28	14.78	C	Any day expiry	0.53671	0.53431			-0.44761	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/02			Any day expiry	14.90060	14.90060			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/02	13.59	P	Any day expiry	0.05696	0.05597			-1.73065	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/02	13.59	C	Any day expiry	1.36756	1.36657			-0.07208	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	13.19	P	Foreign Exchange Future	0.02642	0.02588			-2.02507	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	14.51	P	Foreign Exchange Future	0.31895	0.31691			-0.63979	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	16.81	C	Foreign Exchange Future	0.09845	0.09703			-1.44116	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	14.40	C	Foreign Exchange Future	0.79972	0.79778			-0.24287	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	16.60	P	Foreign Exchange Future	1.79352	1.79195			-0.08736	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	17.73	C	Foreign Exchange Future	0.04280	0.04193			-2.02252	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	15.61	C	Foreign Exchange Future	0.29085	0.28866			-0.75173	0.00000	0.00000	0

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22/11/2019	\$ / R 2020/03/16	14.01	P	Foreign Exchange Future	0.14953	0.14801			-1.01192	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	15.63	C	Foreign Exchange Future	0.28571	0.28353			-0.76213	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	14.51	C	Foreign Exchange Future	0.73485	0.73281			-0.27769	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	13.06	C	Foreign Exchange Future	1.88419	1.88378			-0.02190	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	13.06	P	Foreign Exchange Future	0.01829	0.01788			-2.25603	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	15.61	P	Foreign Exchange Future	0.97495	0.97276			-0.22426	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	11.91	C	Foreign Exchange Future	3.01607	3.01606			-0.00031	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	11.91	P	Foreign Exchange Future	0.00017	0.00016			-5.45775	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	13.19	C	Foreign Exchange Future	1.76232	1.76178			-0.03036	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	16.81	P	Foreign Exchange Future	1.98255	1.98113			-0.07156	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	14.40	P	Foreign Exchange Future	0.27382	0.27188			-0.70933	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	16.60	C	Foreign Exchange Future	0.11942	0.11785			-1.31210	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	17.73	P	Foreign Exchange Future	2.84690	2.84603			-0.03041	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	14.01	C	Foreign Exchange Future	1.06543	1.06391			-0.14202	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	15.63	P	Foreign Exchange Future	0.98981	0.98763			-0.21999	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	14.66	C	Foreign Exchange Future	0.65292	0.65077			-0.32926	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	14.66	P	Foreign Exchange Future	0.38702	0.38487			-0.55547	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	17.04	P	Foreign Exchange Future	2.19384	2.19258			-0.05760	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	17.04	C	Foreign Exchange Future	0.07974	0.07848			-1.58474	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	17.88	P	Foreign Exchange Future	2.99159	2.99079			-0.02654	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	17.88	C	Foreign Exchange Future	0.03749	0.03669			-2.11826	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	13.78	C	Foreign Exchange Future	1.24553	1.24430			-0.09877	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	13.78	P	Foreign Exchange Future	0.09963	0.09840			-1.23475	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	12.96	C	Foreign Exchange Future	1.97942	1.97909			-0.01673	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	12.96	P	Foreign Exchange Future	0.01352	0.01319			-2.44990	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	15.62	C	Foreign Exchange Future	0.28827	0.28609			-0.75690	0.00000	0.00000	0
22/11/2019	\$ / R 2020/03/16	15.62	P	Foreign Exchange Future	0.98237	0.98019			-0.22211	0.00000	0.00000	0
22/11/2019	\$ / R 2020/04/02	13.64	C	Any day expiry	1.40788	1.40683			-0.07453	0.00000	0.00000	0
22/11/2019	\$ / R 2020/04/02			Any day expiry	14.95720	14.95720			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/04/02	13.64	P	Any day expiry	0.09068	0.08963			-1.15720	0.00000	0.00000	0
22/11/2019	\$ / R 2020/04/29			Any day expiry	15.00870	15.00870			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/04/29	13.69	P	Any day expiry	0.12196	0.12089			-0.87793	0.00000	0.00000	0
22/11/2019	\$ / R 2020/04/29	13.69	C	Any day expiry	1.44066	1.43959			-0.07432	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/02	13.74	P	Any day expiry	0.15997	0.15890			-0.66731	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/02			Any day expiry	15.07600	15.07600			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/02	13.74	C	Any day expiry	1.49597	1.49490			-0.07136	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	11.90	C	Foreign Exchange Future	3.20029	3.20020			-0.00271	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	14.25	C	Foreign Exchange Future	1.16146	1.16006			-0.12063	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	15.17	P	Foreign Exchange Future	0.76333	0.76155			-0.23280	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12			Foreign Exchange Future	15.09580	15.09580			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	14.25	P	Foreign Exchange Future	0.31566	0.31426			-0.44386	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	17.26	P	Foreign Exchange Future	2.36306	2.36169			-0.05801	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	17.26	C	Foreign Exchange Future	0.19886	0.19749			-0.68933	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	15.17	C	Foreign Exchange Future	0.68913	0.68735			-0.25786	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
22/11/2019	\$ / R 2020/06/12	11.90	P	Foreign Exchange Future	0.00449	0.00440			-1.92822	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	15.18	C	Foreign Exchange Future	0.68507	0.68329			-0.25961	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	15.16	P	Foreign Exchange Future	0.75741	0.75563			-0.23442	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	15.18	P	Foreign Exchange Future	0.76927	0.76749			-0.23119	0.00000	0.00000	0
22/11/2019	\$ / R 2020/06/12	15.16	C	Foreign Exchange Future	0.69321	0.69143			-0.25613	0.00000	0.00000	0
22/11/2019	\$ / R 2020/07/28			Any day expiry	15.18680	15.18680			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/07/28	15.37	P	Any day expiry	0.92029	0.91865			-0.17860	0.00000	0.00000	0
22/11/2019	\$ / R 2020/07/28	15.37	C	Any day expiry	0.73709	0.73545			-0.22298	0.00000	0.00000	0
22/11/2019	\$ / R 2020/09/14	15.35	P	Foreign Exchange Future	0.93927	0.93776			-0.16125	0.00000	0.00000	0
22/11/2019	\$ / R 2020/09/14	15.34	C	Foreign Exchange Future	0.87367	0.87216			-0.17322	0.00000	0.00000	0
22/11/2019	\$ / R 2020/09/14			Foreign Exchange Future	15.28040	15.28040			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R 2020/09/14	15.35	C	Foreign Exchange Future	0.86967	0.86816			-0.17416	0.00000	0.00000	0
22/11/2019	\$ / R 2020/09/14	15.34	P	Foreign Exchange Future	0.93327	0.93176			-0.16216	0.00000	0.00000	0
22/11/2019	\$ / R 2020/09/14	15.36	C	Foreign Exchange Future	0.86568	0.86416			-0.17511	0.00000	0.00000	0
22/11/2019	\$ / R 2020/09/14	15.36	P	Foreign Exchange Future	0.94528	0.94376			-0.16037	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2019/12/13	14.02	P	Foreign Exchange Future	0.01672	0.01513			-9.50972	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2019/12/13	14.01	C	Foreign Exchange Future	0.75850	0.75697			-0.20268	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2019/12/13	14.02	C	Foreign Exchange Future	0.74932	0.74773			-0.21222	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2019/12/13	14.01	P	Foreign Exchange Future	0.01590	0.01437			-9.66715	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2019/12/13	14.03	C	Foreign Exchange Future	0.74017	0.73853			-0.22209	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2019/12/13	14.03	P	Foreign Exchange Future	0.01757	0.01593			-9.35423	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2020/03/16	14.68	C	Foreign Exchange Future	0.64256	0.64040			-0.33648	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2020/03/16	14.69	P	Foreign Exchange Future	0.40153	0.39936			-0.53994	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2020/03/16	14.68	P	Foreign Exchange Future	0.39666	0.39450			-0.54506	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2020/03/16	14.69	C	Foreign Exchange Future	0.63743	0.63526			-0.34012	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2020/03/16	14.67	C	Foreign Exchange Future	0.64773	0.64557			-0.33285	0.00000	0.00000	0
22/11/2019	\$ / R MAXI 2020/03/16	14.67	P	Foreign Exchange Future	0.39183	0.38967			-0.55024	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	19.96	C	Foreign Exchange Future	0.06522	0.06108			-6.34662	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	19.95	P	Foreign Exchange Future	0.74570	0.74151			-0.56184	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13			Foreign Exchange Future	19.27110	19.27110			0.00000	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	19.97	C	Foreign Exchange Future	0.06368	0.05959			-6.42151	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	19.97	P	Foreign Exchange Future	0.76258	0.75849			-0.53624	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	19.96	P	Foreign Exchange Future	0.75412	0.74998			-0.54892	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	19.95	C	Foreign Exchange Future	0.06680	0.06261			-6.27208	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	18.75	C	Foreign Exchange Future	0.60313	0.59869			-0.73707	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	18.75	P	Foreign Exchange Future	0.08203	0.07759			-5.41912	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	22.13	P	Foreign Exchange Future	2.85898	2.85896			-0.00083	0.00000	0.00000	0
22/11/2019	£ / R 2019/12/13	22.13	C	Foreign Exchange Future	0.00008	0.00006			-28.28162	0.00000	0.00000	0
22/11/2019	£ / R 2020/03/16	19.00	P	Foreign Exchange Future	0.38424	0.38170			-0.66289	0.00000	0.00000	0
22/11/2019	£ / R 2020/03/16	20.31	C	Foreign Exchange Future	0.37808	0.37539			-0.71167	0.00000	0.00000	0
22/11/2019	£ / R 2020/03/16			Foreign Exchange Future	19.57520	19.57520			0.00000	0.00000	0.00000	0
22/11/2019	£ / R 2020/03/16	20.29	C	Foreign Exchange Future	0.38398	0.38128			-0.70314	0.00000	0.00000	0
22/11/2019	£ / R 2020/03/16	20.29	P	Foreign Exchange Future	1.09878	1.09608			-0.24572	0.00000	0.00000	0

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22/11/2019	£ / R 2020/03/16	19.00	C	Foreign Exchange Future	0.95944	0.95690			-0.26548	0.00000	0.00000	0
22/11/2019	£ / R 2020/03/16	20.31	P	Foreign Exchange Future	1.11288	1.11019			-0.24178	0.00000	0.00000	0
22/11/2019	£ / R 2020/03/16	20.30	C	Foreign Exchange Future	0.38102	0.37833			-0.70739	0.00000	0.00000	0
22/11/2019	£ / R 2020/03/16	20.30	P	Foreign Exchange Future	1.10582	1.10313			-0.24374	0.00000	0.00000	0
22/11/2019	£ / R 2020/06/12	20.01	P	Foreign Exchange Future	0.98758	0.98534			-0.22594	0.00000	0.00000	0
22/11/2019	£ / R 2020/06/12			Foreign Exchange Future	19.86290	19.86290			0.00000	0.00000	0.00000	0
22/11/2019	£ / R 2020/06/12	20.00	C	Foreign Exchange Future	0.84469	0.84246			-0.26407	0.00000	0.00000	0
22/11/2019	£ / R 2020/06/12	20.00	P	Foreign Exchange Future	0.98179	0.97956			-0.22720	0.00000	0.00000	0
22/11/2019	£ / R 2020/06/12	20.01	C	Foreign Exchange Future	0.84048	0.83824			-0.26548	0.00000	0.00000	0
22/11/2019	£ / R 2020/06/12	19.99	C	Foreign Exchange Future	0.84891	0.84668			-0.26268	0.00000	0.00000	0
22/11/2019	£ / R 2020/06/12	19.99	P	Foreign Exchange Future	0.97601	0.97379			-0.22847	0.00000	0.00000	0
22/11/2019	£ / R 2020/09/14	20.30	C	Foreign Exchange Future	1.09027	1.08834			-0.17725	0.00000	0.00000	0
22/11/2019	£ / R 2020/09/14	20.29	P	Foreign Exchange Future	1.21408	1.21215			-0.15912	0.00000	0.00000	0
22/11/2019	£ / R 2020/09/14			Foreign Exchange Future	20.17040	20.17040			0.00000	0.00000	0.00000	0
22/11/2019	£ / R 2020/09/14	20.31	C	Foreign Exchange Future	1.08607	1.08414			-0.17800	0.00000	0.00000	0
22/11/2019	£ / R 2020/09/14	20.31	P	Foreign Exchange Future	1.22567	1.22374			-0.15773	0.00000	0.00000	0
22/11/2019	£ / R 2020/09/14	20.30	P	Foreign Exchange Future	1.21987	1.21794			-0.15842	0.00000	0.00000	0
22/11/2019	£ / R 2020/09/14	20.29	C	Foreign Exchange Future	1.09448	1.09255			-0.17650	0.00000	0.00000	0
22/11/2019	¥ / R 2019/12/13	0.13	P	Foreign Exchange Future	0.00056	0.00053			-5.87062	0.00000	0.00000	0
22/11/2019	¥ / R 2019/12/13	0.12	C	Foreign Exchange Future	0.01460	0.01460			-0.00109	0.00000	0.00000	0
22/11/2019	¥ / R 2019/12/13			Foreign Exchange Future	0.13460	0.13460			0.00000	0.00000	0.00000	0
22/11/2019	¥ / R 2019/12/13	0.13	C	Foreign Exchange Future	0.00516	0.00513			-0.63765	0.00000	0.00000	0
22/11/2019	¥ / R 2019/12/13	0.12	P	Foreign Exchange Future	0.00000	0.00000			-27.36661	0.00000	0.00000	0
22/11/2019	¥ / R 2019/12/13	0.14	C	Foreign Exchange Future	0.00061	0.00057			-6.01624	0.00000	0.00000	0
22/11/2019	¥ / R 2019/12/13	0.14	P	Foreign Exchange Future	0.00601	0.00597			-0.60884	0.00000	0.00000	0
22/11/2019	¥ / R 2020/03/16	0.15	P	Foreign Exchange Future	0.01452	0.01450			-0.12749	0.00000	0.00000	0
22/11/2019	¥ / R 2020/03/16			Foreign Exchange Future	0.13720	0.13720			0.00000	0.00000	0.00000	0
22/11/2019	¥ / R 2020/03/16	0.14	C	Foreign Exchange Future	0.00426	0.00423			-0.55086	0.00000	0.00000	0
22/11/2019	¥ / R 2020/03/16	0.14	P	Foreign Exchange Future	0.00706	0.00703			-0.33227	0.00000	0.00000	0
22/11/2019	¥ / R 2020/03/16	0.15	C	Foreign Exchange Future	0.00172	0.00170			-1.07615	0.00000	0.00000	0
22/11/2019	¥ / R 2020/03/16	0.13	C	Foreign Exchange Future	0.00930	0.00928			-0.19020	0.00000	0.00000	0
22/11/2019	¥ / R 2020/03/16	0.13	P	Foreign Exchange Future	0.00210	0.00208			-0.84251	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	18.03	P	Foreign Exchange Future	1.27028	1.26913			-0.09011	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	19.80	P	Foreign Exchange Future	3.03112	3.03112			-0.00024	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	14.09	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	15.70	P	Foreign Exchange Future	0.00422	0.00363			-14.15181	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	13.73	C	Foreign Exchange Future	3.03890	3.03890			0.00000	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	16.15	C	Foreign Exchange Future	0.65514	0.65248			-0.40552	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13			Foreign Exchange Future	16.76890	16.76890			0.00000	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	18.02	C	Foreign Exchange Future	0.00946	0.00829			-12.36971	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	18.02	P	Foreign Exchange Future	1.26056	1.25939			-0.09282	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	14.09	C	Foreign Exchange Future	2.67890	2.67890			0.00000	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	20.62	P	Foreign Exchange Future	3.85110	3.85110			-0.00001	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	20.62	C	Foreign Exchange Future	0.00000	0.00000			-45.45455	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	18.03	C	Foreign Exchange Future	0.00918	0.00803			-12.47276	0.00000	0.00000	0

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22/11/2019	€ / R 2019/12/13	15.85	P	Foreign Exchange Future	0.00931	0.00823			-11.58686	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	19.80	C	Foreign Exchange Future	0.00002	0.00002			-32.00000	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	15.70	C	Foreign Exchange Future	1.07312	1.07253			-0.05572	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	19.79	P	Foreign Exchange Future	3.02112	3.02112			-0.00024	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	13.73	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	16.15	P	Foreign Exchange Future	0.03624	0.03358			-7.33053	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	18.01	C	Foreign Exchange Future	0.00975	0.00855			-12.26704	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	18.01	P	Foreign Exchange Future	1.25085	1.24965			-0.09562	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	14.23	C	Foreign Exchange Future	2.53890	2.53890			0.00000	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	14.23	P	Foreign Exchange Future	0.00000	0.00000			-100.00000	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	15.85	C	Foreign Exchange Future	0.92821	0.92713			-0.11627	0.00000	0.00000	0
22/11/2019	€ / R 2019/12/13	19.79	C	Foreign Exchange Future	0.00002	0.00002			-31.75966	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10	16.65	C	Any day expiry	0.63208	0.62941			-0.42191	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10	17.00	P	Any day expiry	0.47905	0.47616			-0.60413	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10			Any day expiry	16.97740	16.97740			0.00000	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10	17.07	P	Any day expiry	0.51910	0.51619			-0.56030	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10	17.07	C	Any day expiry	0.42650	0.42359			-0.68195	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10	16.65	P	Any day expiry	0.30468	0.30201			-0.87528	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10	16.91	P	Any day expiry	0.43006	0.42720			-0.66521	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10	17.00	C	Any day expiry	0.45645	0.45356			-0.63404	0.00000	0.00000	0
22/11/2019	€ / R 2020/02/10	16.91	C	Any day expiry	0.49746	0.49460			-0.57508	0.00000	0.00000	0
22/11/2019	€ / R 2020/03/16	18.46	C	Foreign Exchange Future	0.18477	0.18279			-1.07360	0.00000	0.00000	0
22/11/2019	€ / R 2020/03/16	18.45	P	Foreign Exchange Future	1.54004	1.53804			-0.12925	0.00000	0.00000	0
22/11/2019	€ / R 2020/03/16			Foreign Exchange Future	17.09630	17.09630			0.00000	0.00000	0.00000	0
22/11/2019	€ / R 2020/03/16	18.47	C	Foreign Exchange Future	0.18322	0.18124			-1.07897	0.00000	0.00000	0
22/11/2019	€ / R 2020/03/16	18.47	P	Foreign Exchange Future	1.55692	1.55494			-0.12697	0.00000	0.00000	0
22/11/2019	€ / R 2020/03/16	18.46	P	Foreign Exchange Future	1.54847	1.54649			-0.12811	0.00000	0.00000	0
22/11/2019	€ / R 2020/03/16	18.45	C	Foreign Exchange Future	0.18634	0.18434			-1.06824	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13	10.91	P	Foreign Exchange Future	0.46584	0.46474			-0.23780	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13	11.00	P	Foreign Exchange Future	0.55073	0.54996			-0.13980	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13			Foreign Exchange Future	10.45630	10.45630			0.00000	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13	10.90	C	Foreign Exchange Future	0.01288	0.01173			-8.92622	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13	10.90	P	Foreign Exchange Future	0.45658	0.45543			-0.25187	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13	10.91	C	Foreign Exchange Future	0.01214	0.01104			-9.12160	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13	11.00	C	Foreign Exchange Future	0.00703	0.00626			-10.94868	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13	10.89	C	Foreign Exchange Future	0.01366	0.01247			-8.73292	0.00000	0.00000	0
22/11/2019	AU\$ / R 2019/12/13	10.89	P	Foreign Exchange Future	0.44736	0.44617			-0.26670	0.00000	0.00000	0
22/11/2019	AU\$ / R 2020/03/16	11.06	C	Foreign Exchange Future	0.12978	0.12868			-0.84960	0.00000	0.00000	0
22/11/2019	AU\$ / R 2020/03/16	11.05	P	Foreign Exchange Future	0.57890	0.57779			-0.19148	0.00000	0.00000	0
22/11/2019	AU\$ / R 2020/03/16			Foreign Exchange Future	10.60320	10.60320			0.00000	0.00000	0.00000	0
22/11/2019	AU\$ / R 2020/03/16	11.07	C	Foreign Exchange Future	0.12749	0.12640			-0.86006	0.00000	0.00000	0
22/11/2019	AU\$ / R 2020/03/16	11.07	P	Foreign Exchange Future	0.59429	0.59320			-0.18451	0.00000	0.00000	0
22/11/2019	AU\$ / R 2020/03/16	11.06	P	Foreign Exchange Future	0.58658	0.58548			-0.18797	0.00000	0.00000	0
22/11/2019	AU\$ / R 2020/03/16	11.05	C	Foreign Exchange Future	0.13210	0.13099			-0.83914	0.00000	0.00000	0
22/11/2019	CAD/ R 2019/12/13	11.54	C	Foreign Exchange Future	0.01499	0.01364			-8.98727	0.00000	0.00000	0

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22/11/2019	CAD/ R 2019/12/13	11.55	P	Foreign Exchange Future	0.55396	0.55266			-0.23565	0.00000	0.00000	0
22/11/2019	CAD/ R 2019/12/13	11.53	P	Foreign Exchange Future	0.53545	0.53406			-0.25957	0.00000	0.00000	0
22/11/2019	CAD/ R 2019/12/13			Foreign Exchange Future	11.01030	11.01030			0.00000	0.00000	0.00000	0
22/11/2019	CAD/ R 2019/12/13	11.54	P	Foreign Exchange Future	0.54469	0.54334			-0.24735	0.00000	0.00000	0
22/11/2019	CAD/ R 2019/12/13	11.55	C	Foreign Exchange Future	0.01426	0.01296			-9.15280	0.00000	0.00000	0
22/11/2019	CAD/ R 2019/12/13	11.53	C	Foreign Exchange Future	0.01575	0.01436			-8.82303	0.00000	0.00000	0
22/11/2019	CAD/ R 2020/03/16	11.70	C	Foreign Exchange Future	0.15133	0.15004			-0.85295	0.00000	0.00000	0
22/11/2019	CAD/ R 2020/03/16			Foreign Exchange Future	11.16030	11.16030			0.00000	0.00000	0.00000	0
22/11/2019	CAD/ R 2020/03/16	11.68	C	Foreign Exchange Future	0.15597	0.15467			-0.83523	0.00000	0.00000	0
22/11/2019	CAD/ R 2020/03/16	11.68	P	Foreign Exchange Future	0.67567	0.67437			-0.19280	0.00000	0.00000	0
22/11/2019	CAD/ R 2020/03/16	11.70	P	Foreign Exchange Future	0.69103	0.68974			-0.18679	0.00000	0.00000	0
22/11/2019	CAD/ R 2020/03/16	11.69	C	Foreign Exchange Future	0.15363	0.15234			-0.84408	0.00000	0.00000	0
22/11/2019	CAD/ R 2020/03/16	11.69	P	Foreign Exchange Future	0.68333	0.68204			-0.18978	0.00000	0.00000	0
22/11/2019	CHF / R 2019/12/13	15.96	P	Foreign Exchange Future	1.19446	1.19349			-0.08120	0.00000	0.00000	0
22/11/2019	CHF / R 2019/12/13	15.95	C	Foreign Exchange Future	0.00781	0.00682			-12.72194	0.00000	0.00000	0
22/11/2019	CHF / R 2019/12/13			Foreign Exchange Future	14.77310	14.77310			0.00000	0.00000	0.00000	0
22/11/2019	CHF / R 2019/12/13	15.96	C	Foreign Exchange Future	0.00756	0.00659			-12.83616	0.00000	0.00000	0
22/11/2019	CHF / R 2019/12/13	15.95	P	Foreign Exchange Future	1.18471	1.18372			-0.08389	0.00000	0.00000	0
22/11/2019	CHF / R 2019/12/13	15.97	C	Foreign Exchange Future	0.00731	0.00636			-12.94931	0.00000	0.00000	0
22/11/2019	CHF / R 2019/12/13	15.97	P	Foreign Exchange Future	1.20421	1.20326			-0.07859	0.00000	0.00000	0
22/11/2019	CHF / R 2020/03/16	16.64	P	Foreign Exchange Future	1.69480	1.69315			-0.09710	0.00000	0.00000	0
22/11/2019	CHF / R 2020/03/16			Foreign Exchange Future	15.07740	15.07740			0.00000	0.00000	0.00000	0
22/11/2019	CHF / R 2020/03/16	16.63	C	Foreign Exchange Future	0.13344	0.13179			-1.23879	0.00000	0.00000	0
22/11/2019	CHF / R 2020/03/16	16.63	P	Foreign Exchange Future	1.68604	1.68439			-0.09805	0.00000	0.00000	0
22/11/2019	CHF / R 2020/03/16	16.64	C	Foreign Exchange Future	0.13220	0.13055			-1.24486	0.00000	0.00000	0
22/11/2019	CHF / R 2020/03/16	16.62	C	Foreign Exchange Future	0.13470	0.13304			-1.23265	0.00000	0.00000	0
22/11/2019	CHF / R 2020/03/16	16.62	P	Foreign Exchange Future	1.67730	1.67564			-0.09899	0.00000	0.00000	0
22/11/2019	CNH / R 2019/12/13	2.11	P	Foreign Exchange Future	0.00216	0.00195			-9.75613	0.00000	0.00000	0
22/11/2019	CNH / R 2019/12/13	2.10	C	Foreign Exchange Future	0.11621	0.11605			-0.14173	0.00000	0.00000	0
22/11/2019	CNH / R 2019/12/13			Foreign Exchange Future	2.21470	2.21470			0.00000	0.00000	0.00000	0
22/11/2019	CNH / R 2019/12/13	2.11	C	Foreign Exchange Future	0.10686	0.10665			-0.19748	0.00000	0.00000	0
22/11/2019	CNH / R 2019/12/13	2.10	P	Foreign Exchange Future	0.00151	0.00135			-10.90043	0.00000	0.00000	0
22/11/2019	CNH / R 2019/12/13	2.12	C	Foreign Exchange Future	0.09773	0.09747			-0.26956	0.00000	0.00000	0
22/11/2019	CNH / R 2019/12/13	2.12	P	Foreign Exchange Future	0.00303	0.00277			-8.69582	0.00000	0.00000	0
22/11/2019	DKK / R 2019/12/13	2.54	P	Foreign Exchange Future	0.29051	0.29051			-0.00121	0.00000	0.00000	0
22/11/2019	DKK / R 2019/12/13			Foreign Exchange Future	2.24950	2.24950			0.00000	0.00000	0.00000	0
22/11/2019	DKK / R 2019/12/13	2.54	C	Foreign Exchange Future	0.00001	0.00001			-27.02079	0.00000	0.00000	0
22/11/2019	DKK / R 2019/12/13	2.55	C	Foreign Exchange Future	0.00001	0.00001			-28.14238	0.00000	0.00000	0
22/11/2019	DKK / R 2019/12/13	2.53	P	Foreign Exchange Future	0.28052	0.28051			-0.00172	0.00000	0.00000	0
22/11/2019	DKK / R 2019/12/13	2.55	P	Foreign Exchange Future	0.30051	0.30051			-0.00084	0.00000	0.00000	0
22/11/2019	DKK / R 2019/12/13	2.53	C	Foreign Exchange Future	0.00002	0.00001			-25.87038	0.00000	0.00000	0
22/11/2019	DKK / R 2020/03/16	2.61	C	Foreign Exchange Future	0.00685	0.00672			-1.84563	0.00000	0.00000	0
22/11/2019	DKK / R 2020/03/16	2.60	P	Foreign Exchange Future	0.31243	0.31229			-0.04255	0.00000	0.00000	0
22/11/2019	DKK / R 2020/03/16			Foreign Exchange Future	2.29500	2.29500			0.00000	0.00000	0.00000	0
22/11/2019	DKK / R 2020/03/16	2.62	C	Foreign Exchange Future	0.00631	0.00619			-1.90119	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
22/11/2019	DKK / R 2020/03/16	2.62	P	Foreign Exchange Future	0.33131	0.33119			-0.03623	0.00000	0.00000	0
22/11/2019	DKK / R 2020/03/16	2.61	P	Foreign Exchange Future	0.32185	0.32172			-0.03927	0.00000	0.00000	0
22/11/2019	DKK / R 2020/03/16	2.60	C	Foreign Exchange Future	0.00743	0.00729			-1.79046	0.00000	0.00000	0
22/11/2019	HK\$/R 2019/12/13	1.84	C	Foreign Exchange Future	0.05763	0.05715			-0.83390	0.00000	0.00000	0
22/11/2019	HK\$/R 2019/12/13	1.83	P	Foreign Exchange Future	0.00718	0.00676			-5.84495	0.00000	0.00000	0
22/11/2019	HK\$/R 2019/12/13			Foreign Exchange Future	1.88810	1.88810			0.00000	0.00000	0.00000	0
22/11/2019	HK\$/R 2019/12/13	1.85	C	Foreign Exchange Future	0.05049	0.04995			-1.06144	0.00000	0.00000	0
22/11/2019	HK\$/R 2019/12/13	1.85	P	Foreign Exchange Future	0.01239	0.01185			-4.32619	0.00000	0.00000	0
22/11/2019	HK\$/R 2019/12/13	1.84	P	Foreign Exchange Future	0.00953	0.00905			-5.04152	0.00000	0.00000	0
22/11/2019	HK\$/R 2019/12/13	1.83	C	Foreign Exchange Future	0.06528	0.06486			-0.64289	0.00000	0.00000	0
22/11/2019	KES / R 2019/12/13			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
22/11/2019	KES / R 2020/03/16			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
22/11/2019	NOK/R 2019/12/13			Foreign Exchange Future	1.71570	1.71570			0.00000	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2019/12/13	10.35	P	Foreign Exchange Future	0.48032	0.47917			-0.23913	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2019/12/13			Foreign Exchange Future	9.88230	9.88230			0.00000	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2019/12/13	10.35	C	Foreign Exchange Future	0.01262	0.01147			-9.10179	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2019/12/13	10.34	P	Foreign Exchange Future	0.47106	0.46987			-0.25285	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2019/12/13	10.36	C	Foreign Exchange Future	0.01191	0.01080			-9.29262	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2019/12/13	10.36	P	Foreign Exchange Future	0.48961	0.48850			-0.22608	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2019/12/13	10.34	C	Foreign Exchange Future	0.01336	0.01217			-8.91235	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2020/03/16	10.52	C	Foreign Exchange Future	0.12465	0.12354			-0.88819	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2020/03/16	10.53	P	Foreign Exchange Future	0.63843	0.63732			-0.17244	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2020/03/16			Foreign Exchange Future	10.01410	10.01410			0.00000	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2020/03/16	10.52	P	Foreign Exchange Future	0.63055	0.62944			-0.17558	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2020/03/16	10.53	C	Foreign Exchange Future	0.12253	0.12142			-0.89851	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2020/03/16	10.51	C	Foreign Exchange Future	0.12680	0.12569			-0.87789	0.00000	0.00000	0
22/11/2019	NZ\$ / R 2020/03/16	10.51	P	Foreign Exchange Future	0.62270	0.62159			-0.17877	0.00000	0.00000	0
22/11/2019	PULA / R 2019/12/13	1.35	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	PULA / R 2019/12/13			Foreign Exchange Future	1.35080	1.35080			0.00000	0.00000	0.00000	0
22/11/2019	PULA / R 2019/12/13	1.34	C	Foreign Exchange Future	0.01080	0.01080			0.00000	0.00000	0.00000	0
22/11/2019	PULA / R 2019/12/13	1.34	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	PULA / R 2019/12/13	1.35	C	Foreign Exchange Future	0.00080	0.00080			0.00000	0.00000	0.00000	0
22/11/2019	PULA / R 2019/12/13	1.33	C	Foreign Exchange Future	0.02080	0.02080			0.00000	0.00000	0.00000	0
22/11/2019	PULA / R 2019/12/13	1.33	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
22/11/2019	QUANTO £ / \$ 2019/12/13			Foreign Exchange Future	1.30630	1.30630			0.00000	0.00000	0.00000	0
22/11/2019	QUANTO £ / \$ 2020/03/16			Foreign Exchange Future	1.31150	1.31150			0.00000	0.00000	0.00000	0
22/11/2019	QUANTO € / \$ 2019/12/13			Foreign Exchange Future	1.13670	1.13670			0.00000	0.00000	0.00000	0
22/11/2019	QUANTO € / \$ 2020/03/16			Foreign Exchange Future	1.14540	1.14540			0.00000	0.00000	0.00000	0
22/11/2019	SGD / R 2019/12/13	10.67	P	Foreign Exchange Future	0.05333	0.05083			-4.69208	0.00000	0.00000	0
22/11/2019	SGD / R 2019/12/13	10.66	C	Foreign Exchange Future	0.27430	0.27185			-0.89238	0.00000	0.00000	0
22/11/2019	SGD / R 2019/12/13			Foreign Exchange Future	10.88370	10.88370			0.00000	0.00000	0.00000	0
22/11/2019	SGD / R 2019/12/13	10.67	C	Foreign Exchange Future	0.26703	0.26453			-0.93714	0.00000	0.00000	0
22/11/2019	SGD / R 2019/12/13	10.66	P	Foreign Exchange Future	0.05060	0.04815			-4.83756	0.00000	0.00000	0
22/11/2019	SGD / R 2019/12/13	10.68	C	Foreign Exchange Future	0.25987	0.25732			-0.98337	0.00000	0.00000	0
22/11/2019	SGD / R 2019/12/13	10.68	P	Foreign Exchange Future	0.05617	0.05362			-4.54944	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
22/11/2019	TRY / R 2019/12/13	2.30	C	Foreign Exchange Future	0.00621	0.00571			-8.09945	0.00000	0.00000	0
22/11/2019	TRY / R 2019/12/13	2.28	P	Foreign Exchange Future	0.13885	0.13824			-0.43624	0.00000	0.00000	0
22/11/2019	TRY / R 2019/12/13			Foreign Exchange Future	2.14970	2.14970			0.00000	0.00000	0.00000	0
22/11/2019	TRY / R 2019/12/13	2.30	P	Foreign Exchange Future	0.15651	0.15601			-0.32157	0.00000	0.00000	0
22/11/2019	TRY / R 2019/12/13	2.28	C	Foreign Exchange Future	0.00855	0.00794			-7.08811	0.00000	0.00000	0
22/11/2019	TRY / R 2019/12/13	2.29	P	Foreign Exchange Future	0.14760	0.14705			-0.37527	0.00000	0.00000	0
22/11/2019	TRY / R 2019/12/13	2.29	C	Foreign Exchange Future	0.00730	0.00675			-7.58622	0.00000	0.00000	0

**Future Open Interest**

**0**

**Option Open Interest**

**0**

**Total**

**0**