



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 20-August-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Oct 2018	CC01	Future	25,000	553.0011	538.8079	0.0000	0.0000	0	0.00		
			<u>25,000</u>					<u>0.00</u>	<u>0.00</u>	<u>25 000.00</u>	<u>7 830 750.00</u>
		Total	25,000					0.00	0.00	25 000.00	7 830 750.00
Future											
Sep 2018	DAEU	Future	34	16.7973	16.9143	0.0000	0.0000	0	0.00		
			<u>34</u>					<u>0.00</u>	<u>0.00</u>	<u>801 260.00</u>	<u>11 964 751 196.80</u>
Option											
Aug 2019	DAEU	16.03 Put	31,200	416.8074	434.0969	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	16.24 Put	31,200	477.4918	494.8412	0.0000	0.0000	0	0.00		
Aug 2019	DAEU	19.65 Call	62,400	938.9424	1030.6935	0.0000	0.0000	0	0.00		
			<u>124,800</u>					<u>0.00</u>	<u>0.00</u>	<u>1 143 987.00</u>	<u>0.00</u>
		Total	124,834					0.00	0.00	1 945 247.00	11 964 751 196.80
Future											
Sep 2018	DAGB	Future	14	18.8104	18.9386	0.0000	0.0000	0	0.00		
Oct 2018	DAGB	Future	2	18.8672	18.9963	0.0000	0.0000	0	0.00		
			<u>16</u>					<u>0.00</u>	<u>0.00</u>	<u>53 771.00</u>	<u>882 235 826.30</u>
		Total	16					0.00	0.00	261 084.00	882 235 826.30
Future											
Aug 2018	DAUS	Future	0	14.6083	14.7770	0.0000	0.0000	600	8,764,980.00		
Aug 2018	DAUS	Future	0	14.6558	14.7889	0.0000	0.0000	1,169	17,114,160.00		
Aug 2018	DAUS	Future	3,299	14.6617	14.7950	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	197	14.6677	14.8011	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	300	14.6737	14.8071	0.0000	0.0000	300	4,393,590.00		
Sep 2018	DAUS	Future	2,863	14.7173	14.8514	0.0000	0.0000	1,169	17,114,160.00		
Oct 2018	DAUS	Future	55	14.7251	14.8593	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	235	14.7542	14.8891	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.7698	14.9050	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>		
Oct 2018	DAUS	Future	225	14.7776	14.9128	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	3,808	14.7816	14.9168	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	55	14.7835	14.9188	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.8071	14.9424	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	420	14.8129	14.9483	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	461	14.8384	14.9740	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	7,004	14.8403	14.9759	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	2,387	14.9009	15.0373	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.9048	15.0412	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.9594	15.0966	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	14.9614	15.0986	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.9868	15.1243	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	15.0163	15.1544	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	15.0704	15.2093	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	15.0825	15.2215	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	15.1385	15.2784	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	15.2009	15.3418	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	15.2640	15.4059	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	15.3271	15.4700	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	15.3945	15.5392	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	15.4616	15.6089	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	15.5264	15.6762	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	15.5980	15.7505	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.6673	15.8224	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	15.7321	15.8898	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	15.8015	15.9617	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.8708	16.0337	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	15.9312	16.0964	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	16.0072	16.1753	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.1324	16.3053	0.0000	0.0000	0	0.00		
			<u>119,043</u>					<u>3,238.00</u>	<u>47,386,890.00</u>	<u>10 542 022.00</u>	<u>128 628 311 189.60</u>
Option											
Aug 2018	DAUS	13.21 Put	50,000	0.2696	2.7074	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.50 Put	20,000	116.0265	107.0092	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.57 Call	2,500	287.1952	411.1802	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.59 Call	2,500	277.3514	399.8762	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.74 Call	2,500	212.2060	322.3738	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.74 Put	7,500	292.5060	269.3738	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.00 Put	500	2.8991	3.6523	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.65 Call	500	1022.2064	1163.4220	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	13.8753	26.0650	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	14.25 Put	250	80.5180	88.2039	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Aug 2018	DAUS	14.42 Call	250	380.5900	514.9004	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	14.6834	44.6684	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	5.9047	18.4500	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.43 Put	10,000	13.1759	15.0644	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.44 Put	15,000	13.4857	15.4880	0.0000	0.0000	0	0.00
Sep 2018	DAUS	12.90 Put	100	3.5079	4.7961	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.09 Put	600	5.7269	7.0315	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.32 Call	600	1366.0237	1500.6427	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.45 Call	100	1240.3672	1375.9161	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Call	100	911.8611	1051.6644	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.90 Call	600	821.9228	963.3614	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	11.8143	11.8495	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	16.9952	21.2841	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	1031.2689	1165.3648	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	98.0608	97.8298	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.25 Put	250	232.6665	220.2822	0.0000	0.0000	0	0.00
Sep 2018	DAUS	14.54 Call	250	539.8198	651.5829	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	110.6347	154.0644	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	65.4207	96.0874	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.20 Put	1,630	54.0494	58.8515	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.00 Call	1,630	977.0567	1106.4383	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	49.4244	53.0123	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	177.0407	172.6895	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	1065.8590	1194.6886	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.25 Put	250	332.2724	316.3097	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.67 Call	250	650.5025	757.0355	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	194.0095	244.5438	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	135.0040	173.7405	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	10.0239	10.7470	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	203.5409	197.9292	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	167.7393	212.0398	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	4.5953	5.1396	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	9.2780	10.1911	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	1680.4489	1819.4531	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.72 Call	5,000	700.2550	804.8579	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.74 Call	5,000	691.6105	795.6337	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Call	5,000	630.2796	729.5591	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.89 Put	15,000	707.3796	671.2591	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.84 Call	10,000	660.8213	761.8962	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	76.2817	76.5854	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	232.5746	224.3126	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	1086.3695	1209.2903	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	14.25 Put	250	397.0033	376.8311	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.82 Call	250	712.7541	813.4837	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	249.6764	301.8432	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	180.0392	220.9088	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	204.6047	197.4613	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.86 Put	7,500	266.4554	256.5175	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.08 Call	7,500	652.4265	746.3907	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	469.0924	545.3634	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	120.3454	117.6738	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	137.1862	134.3224	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.66 Call	1,000	857.1633	962.8639	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.75 Call	1,000	817.6929	921.1334	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.00 Put	500	96.9511	92.4967	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	273.3618	262.9757	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.22 Call	500	1110.0060	1227.3703	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.25 Put	250	442.5772	422.1135	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.96 Put	250	823.3529	785.1948	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	292.7665	346.1624	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	217.0189	260.1102	0.0000	0.0000	0	0.00
Jan 2019	DAUS	12.66 Put	263	62.9140	59.0318	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.00 Put	500	114.7818	106.2550	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.25 Put	250	485.3425	465.1762	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.38 Call	500	1128.3994	1240.1684	0.0000	0.0000	0	0.00
Jan 2019	DAUS	15.13 Call	250	803.1720	899.7901	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.00 Put	500	127.3391	118.9736	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.25 Put	250	517.6450	498.4533	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.52 Call	500	1146.9188	1256.6090	0.0000	0.0000	0	0.00
Feb 2019	DAUS	15.27 Call	250	838.8992	934.5752	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	137.2368	128.7862	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	545.4610	527.0531	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	1162.2762	1270.8960	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	866.5967	961.3918	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	147.2779	142.2409	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	1933.2387	2062.0035	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	572.6272	555.0569	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	1176.5358	1284.2044	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	892.7377	986.7182	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	161.8844	156.7577	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	597.3059	581.1017	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	1192.2985	1299.6509	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	917.8550	1011.4899	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	173.3238	164.9526	0.0000	0.0000	0	0.00

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Jun 2019	DAUS	14.25 Put	250	617.4990	601.7491	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	1205.0754	1311.5316	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.96 Call	250	937.4701	1030.5989	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.45 Put	39,250	306.7709	294.8486	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.44 Call	39,250	821.7248	905.7523	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	188.4922	178.3188	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	14.25 Put	250	639.5809	624.1487	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	1226.6981	1333.8851	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.14 Call	250	965.7192	1058.7383	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.48 Put	3,950	755.2660	737.0352	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.35 Call	3,950	939.1106	1029.1824	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	198.3945	197.9044	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	14.25 Put	250	659.3686	643.9360	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	1241.4708	1349.2454	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	16.33 Call	250	988.6849	1080.9825	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	215.6256	217.2526	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	14.25 Put	250	679.9096	663.8578	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	1273.8537	1381.3248	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	16.50 Call	250	1026.4106	1117.6040	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	235.4079	235.1021	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	14.25 Put	250	699.0647	682.2926	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	1296.9970	1403.1027	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	16.70 Call	250	1056.3964	1146.5167	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	251.1235	251.8207	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	14.25 Put	250	716.0489	698.6507	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	1324.2490	1429.7044	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.87 Call	250	1087.8364	1177.5097	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	264.5607	269.1164	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	14.25 Put	250	732.6124	716.0094	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	1352.2191	1456.9948	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	17.05 Call	250	1123.1837	1212.1735	0.0000	0.0000	0	0.00		
			<u>500,910</u>					<u>0.00</u>	<u>0.00</u>	<u>19 931 427.00</u>	<u>0.00</u>
	Total		619,953					3,238.00	47,386,890.00	30 473 449.00	128 628 311 189.60
Option											
Aug 2018	DAYJ	8.27 Call	13,000	1.3310	12.6141	0.0000	0.0000	0	0.00		
Aug 2018	DAYJ	8.35 Call	20,000	0.8004	7.7747	0.0000	0.0000	0	0.00		
Sep 2018	DAYJ	8.26 Call	25,000	47.9780	53.1945	0.0000	0.0000	0	0.00		
			<u>58,000</u>					<u>0.00</u>	<u>0.00</u>	<u>50 000.00</u>	<u>0.00</u>
	Total		58,000					0.00	0.00	50 000.00	0.00
Future											

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Sep 2018	EUUS	Future	240	1.1454	1.1430	0.0000	0.0000	0	0.00		
			240					0.00	0.00		
		Total	240					0.00	0.00	729 629.00	8 272 496 827.00
Future											
Sep 2018	GBUS	Future	20	1.2775	1.2746	0.0000	0.0000	0	0.00		
			20					0.00	0.00		
		Total	20					0.00	0.00	167 359.00	2 153 052 487.00
Future											
Sep 2018	ZAAD	Future	11,333	10.7432	10.7989	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	11,820	10.8724	10.9289	0.0000	0.0000	0	0.00		
Mar 2019	ZAAD	Future	510	11.0152	11.0743	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	11.1568	11.2178	0.0000	0.0000	0	0.00		
			28,592					0.00	0.00	3 689 264.00	32 046 997 718.50
Total		Total	28,592					0.00	0.00	3 721 641.00	32 046 997 718.50
Future											
Dec 2018	ZACA	Future	590	11.3951	11.4792	0.0000	0.0000	0	0.00		
			590					0.00	0.00		
		Total	590					0.00	0.00	137 623.00	1 354 709 052.10
Future											
Sep 2018	ZADK	Future	245	2.2646	2.2802	0.0000	0.0000	0	0.00		
		Dec 2018	ZADK	Future	235	2.3092	2.3253	0.0000	0.0000	0	0.00
				480					0.00	0.00	12 085.00
Total		Total	480					0.00	0.00	12 085.00	259 978 669.00
Future											
Sep 2018	ZAEU	Future	97,900	16.8324	16.9500	16.8476	16.6099	243	4,074,387.20		
Dec 2018	ZAEU	Future	37,475	17.1473	17.2675	17.1700	17.1650	7	120,180.00		
Mar 2019	ZAEU	Future	4,711	17.5027	17.6274	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	17.8453	17.9746	0.0000	0.0000	0	0.00		
			145,342					250.00	4,194,567.20	15 230 276.00	217 850 646 590.60
Option											
Sep 2018	ZAEU	13.50 Put	29,734	2.2131	2.6616	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	57,090	4.5531	5.4685	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	75.1166	77.0277	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	461.5303	564.6135	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	20.2056	40.5725	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	16.00 Call	650	1859.1239	1994.0919	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			290,856					0.00	0.00	8 025 012.00	0.00	
		Total	436,198					250.00	4,194,567.20	23 255 288.00	217 850 646 590.60	
Future												
	Sep 2018	ZAFR	Future	1,975	14.8104	14.9332	0.0000	0.0000	0	0.00		
	Dec 2018	ZAFR	Future	770	15.1016	15.2271	0.0000	0.0000	0	0.00		
	Jun 2019	ZAFR	Future	150	15.7501	15.8842	0.0000	0.0000	0	0.00		
				2,895					0.00	0.00	616 545.00	6 605 907 530.80
		Total	2,895					0.00	0.00	616 545.00	6 605 907 530.80	
Future												
	Sep 2018	ZAGB	Future	197,757	18.7737	18.9013	18.7046	18.7046	390	7,256,708.00		
	Dec 2018	ZAGB	Future	21,283	19.0676	19.1978	19.0850	19.0687	27	514,794.00		
	Mar 2019	ZAGB	Future	4,932	19.3978	19.5328	0.0000	0.0000	0	0.00		
	Jun 2019	ZAGB	Future	6,156	19.7133	19.8522	0.0000	0.0000	0	0.00		
	Sep 2019	ZAGB	Future	4,645	20.0616	20.2085	0.0000	0.0000	0	0.00		
				234,773					417.00	7,771,502.00	11 991 917.00	201 986 071 526.20
Option												
	Mar 2019	ZAGB	18.00 Put	500	517.4083	509.4776	0.0000	0.0000	0	0.00		
	Mar 2019	ZAGB	21.44 Call	500	567.2461	633.3566	0.0000	0.0000	0	0.00		
				1,000					0.00	0.00	1 775 113.00	0.00
		Total	235,773					417.00	7,771,502.00	13 767 030.00	201 986 071 526.20	
Future												
	Sep 2018	ZAJY	Future	6,873	0.1333	0.1345	0.0000	0.0000	0	0.00		
				6,873					0.00	0.00	1 001 040.00	11 183 195 529.30
		Total	6,873					0.00	0.00	1 001 040.00	11 183 195 529.30	
Future												
	Sep 2018	ZAKS	Future	562	0.1451	0.1464	0.0000	0.0000	0	0.00		
	Jun 2019	ZAKS	Future	1,628	0.1444	0.1439	0.0000	0.0000	0	0.00		
				2,190					0.00	0.00	36 428.00	491 517 260.00
		Total	2,190					0.00	0.00	36 428.00	491 517 260.00	
Future												
	Sep 2018	ZATR	Future	5,270	2.3376	2.3884	0.0000	0.0000	0	0.00		
				5,270					0.00	0.00	341 969.00	1 134 767 971.00
		Total	5,270					0.00	0.00	341 969.00	1 134 767 971.00	
Future												
	Sep 2018	ZAUM	Future	365	14.6955	14.8294	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>		
Dec 2018	ZAUM	Future	70	14.8677	15.0036	0.0000	0.0000	13	19,235,000.00		
			435					13.00	19,235,000.00	152 334.00	175 824 596 770.00
		Total	435					13.00	19,235,000.00	156 857.00	175 824 596 770.00
Future											
Sep 2018	ZAUS	Future	515,365	14.6955	14.8294	14.7254	14.5100	116,794	1,711,891,976.40		
Dec 2018	ZAUS	Future	129,749	14.8677	15.0036	14.8800	14.6978	2,102	31,226,562.30		
Mar 2019	ZAUS	Future	8,610	15.0524	15.1910	15.0550	14.9150	10	149,850.00		
Jun 2019	ZAUS	Future	19,510	15.2294	15.3708	0.0000	0.0000	600	9,065,100.00		
Sep 2019	ZAUS	Future	10,138	15.4258	15.5717	0.0000	0.0000	0	0.00		
			683,372					119,506.00	1,752,333,488.70	181 471 384.00	2 154 688 462 644.10
Option											
Sep 2018	ZAUS	11.48 Put	5,200	0.7581	1.0522	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.50 Put	45,000	0.7951	1.1015	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.60 Put	2,000	1.0074	1.3823	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	93,314	1.4289	1.9323	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.85 Put	48,200	1.6012	2.4064	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.90 Put	3,000	1.6958	2.6806	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.00 Put	13,300	1.9042	3.0213	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.25 Call	500	2448.0628	2583.4943	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.25 Put	40,000	2.5628	4.0943	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.30 Put	100	2.7235	4.3550	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.38 Put	60,000	3.0051	4.8107	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Call	4,600	2198.9927	2334.9952	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Put	44,000	3.4927	5.5952	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.58 Put	8,000	3.8686	6.1960	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	13,231	4.0216	6.4395	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	4.2366	6.7807	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.77 Call	5,200	1930.4669	2067.3310	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.80 Call	50	1900.6719	2037.6515	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.80 Put	500	5.1719	8.2515	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	5.5361	8.8183	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.00 Call	7,500	1702.3256	1840.1983	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.00 Put	70,000	6.8256	10.7983	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.10 Put	2,500	7.8847	12.3949	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.20 Call	4,000	1504.6452	1643.6628	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.20 Put	4,500	9.1452	14.2628	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.22 Put	10,000	9.4255	14.6734	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Call	1,250	1455.3653	1594.7146	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Put	74,064	9.8653	15.3146	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.30 Call	500	1407.5617	1545.8550	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.50 Call	2,000	1220.7238	1358.0339	0.0000	0.0000	0	0.00		

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Sep 2018	ZAUS	13.60 Call	26,000	1130.5588	1267.8643	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Put	4,000	35.0588	38.4643	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	1086.4613	1223.6572	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.66 Call	100	1077.7262	1214.8908	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Call	60,000	800.9012	934.1181	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	1,500	105.4012	104.7181	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.20 Call	500	660.7473	788.2819	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.50 Call	500	484.0374	600.9046	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.70 Call	63,000	388.3272	496.1859	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Call	4,000	279.7193	369.5528	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Put	50	584.2193	540.1528	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	94.1877	140.2612	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	87.0558	130.7148	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	77.8428	118.2402	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	64.1334	101.8324	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	11.2023	12.0686	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	228,616	12.1824	13.0359	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	13.6833	14.4934	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	16.5864	15.5642	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	17.2256	16.1932	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	19.9964	18.9250	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	23.9810	22.8700	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	26.2103	25.0844	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	32.8321	31.6801	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	228,616	2407.8220	2542.5662	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	40.1220	38.9662	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	49.4702	48.3311	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	53.5084	52.3807	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	59.6065	58.5003	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.95 Put	500	80.1684	79.1420	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	1953.8009	2088.6962	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	146,370	86.1009	85.0962	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	99.0009	98.0397	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	1781.0661	1916.0414	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	116.4249	115.5056	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	1738.8303	1873.8180	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	23,300	121.1303	120.2180	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.32 Put	13,650	132.6797	131.7788	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.33 Put	135,000	134.3967	133.4944	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Call	500	1577.1172	1709.0254	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	159.4172	155.4254	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	228,616	1538.7087	1668.9070	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	13.50 Put	29,800	171.0087	165.3070	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.60 Put	66,000	195.8905	189.0971	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	223.0848	215.0869	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.71 Put	30	225.9336	217.8085	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.75 Put	700	237.5695	228.9213	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	1334.2459	1461.0974	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	249.5888	240.4011	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	1320.3532	1446.9276	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Put	400	252.6532	243.3276	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	1219.2444	1343.6106	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	20,700	1186.7689	1310.3410	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Put	14,500	319.0689	306.7410	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.10 Put	1,867	355.9690	341.9686	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	1106.0585	1226.5976	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.15 Put	236,970	376.7519	360.4718	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.16 Put	36,200	380.9868	364.2430	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.20 Put	13,650	398.1992	379.5650	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.24 Put	24,570	415.8291	395.2696	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.25 Put	700	420.3004	399.2543	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	994.7174	1107.7456	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Put	31,047	457.0174	434.1456	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Call	500	984.1543	1096.7192	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.35 Put	4,428	466.4543	443.1192	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.38 Call	30	968.5028	1080.3629	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	937.8806	1048.3191	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.50 Put	1,000	540.4592	513.5574	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	84,900	860.5871	967.1360	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Put	500	592.8871	563.5360	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	855.9643	962.2648	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	851.3622	957.4171	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.67 Put	3,000	631.0166	599.9244	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	815.4082	919.4680	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	793.6947	896.4936	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Call	400	772.5470	874.0856	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.80 Put	135,000	704.8470	670.4856	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	756.0327	856.5551	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	7,600	693.4129	789.8900	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	689.6786	785.8650	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	660.5316	754.4044	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.10 Call	500	656.9795	750.5614	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	639.5112	731.6462	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.20 Put	50	954.8305	909.6183	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	15.46 Call	1,867	541.6014	624.8737	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	535.8602	618.5757	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.51 Call	24,570	527.3769	609.2504	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.59 Call	31,047	505.4611	585.1186	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.61 Call	4,428	500.1662	579.2463	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	477.2187	553.6072	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.73 Call	135,000	469.8348	545.3392	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.85 Call	20,300	441.5794	513.8664	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.91 Call	121,970	428.1836	498.9280	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	50	408.9660	477.4338	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.14 Call	10,000	381.0406	446.0773	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.56 Call	13,650	307.6001	364.9212	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	8.4136	8.7022	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	17.2526	19.6826	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	50.7660	46.4921	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.51 Put	720	55.1286	50.5844	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.90 Put	16,000	112.5718	104.8990	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.00 Put	14,028	132.0890	123.4772	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	249.9309	236.3826	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	341.6803	329.9312	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	379.8406	366.6846	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.90 Put	720	394.3262	380.6420	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.00 Put	16,000	431.9609	416.9079	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.28 Put	7,028	548.1001	528.8935	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	500	1309.3996	1428.4769	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.44 Put	7,000	625.6626	599.7215	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	1218.4243	1330.0227	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	671.9299	643.9692	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	831.7849	798.1529	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	1006.9476	1109.1493	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	926.2927	1025.5073	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	828.6022	921.8532	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	825.3331	918.3555	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	799.6948	890.9216	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.89 Call	4,145	697.9319	781.2885	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.60 Call	50	535.6895	605.1163	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.08 Call	7,028	448.1931	510.5031	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.09 Call	7,000	446.5640	508.7131	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.50 Call	16,000	385.6594	441.6871	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	18.5828	22.6009	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	48.8517	47.0324	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	115.5561	110.0244	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Jun 2019	ZAUS	12.98 Put	911	163.5367	156.8742	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	231.1640	223.1863	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	435.5404	426.3516	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.88 Put	6,250	454.3409	444.3910	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.98 Call	500	1742.7129	1872.5946	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.42 Call	30	1495.7141	1617.8642	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	1416.2646	1533.4217	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	1308.2204	1420.7291	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.55 Call	25,000	1030.5142	1130.9262	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.62 Call	6,250	1007.1958	1106.1143	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	950.0347	1045.1393	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	914.0883	1006.6739	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	22.3626	27.1412	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.50 Put	1,000	104.2835	105.3240	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.97 Put	800	548.7900	537.0500	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.55 Call	30,000	1279.2992	1388.3652	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.87 Call	1,000	1170.7205	1273.3907	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.23 Call	800	821.9889	900.1648	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	11.89 Put	1,000	82.5321	90.0504	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	13.66 Put	1,000	471.5261	465.2008	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	17.38 Call	1,000	1004.8995	1087.5068	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	664.7345	705.1627	0.0000	0.0000	0	0.00
			<u>3,942,001</u>					<i>0.00</i>	<i>0.00</i>
		Total	4,625,373					119,506.00	1,752,333,488.70
									<i>53 630 641.00</i>
									<i>0.00</i>
									235 102 025.00
									2 154 688 462 644.10
		Grand Total	6,172,732					123,424.00	1 830 921 447.90
									321,138,577
									2,998,060,623,674.62