



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 15-March-2019

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Mar 2019	DAEU	Future	53	16.3872	16.4241	0.0000	0.0000	0	0.00
Apr 2019	DAEU	Future	4	16.4431	16.4809	0.0000	0.0000	0	0.00
Apr 2019	DAEU	Future	1	16.4795	16.5176	0.0000	0.0000	0	0.00
			<u>58</u>					<i>0.00</i>	<i>0.00</i>
									<i>816 108.00</i>
									<i>12 204 137 941.00</i>
<b>Option</b>									
Aug 2019	DAEU	19.65 Call	62,400	105.8089	116.9370	0.0000	0.0000	0	0.00
Feb 2020	DAEU	16.65 Call	21,000	1401.1416	1443.7659	0.0000	0.0000	0	0.00
Feb 2020	DAEU	16.91 Call	15,000	1264.0290	1305.3053	0.0000	0.0000	0	0.00
Feb 2020	DAEU	17.00 Call	15,000	1219.5187	1260.2966	0.0000	0.0000	0	0.00
Feb 2020	DAEU	17.07 Call	15,000	1185.9263	1226.3028	0.0000	0.0000	0	0.00
			<u>128,400</u>					<i>0.00</i>	<i>0.00</i>
									<i>1 749 987.00</i>
									<i>0.00</i>
		<b>Total</b>	<b>128,458</b>					<b>0.00</b>	<b>0.00</b>
									<i>2 566 095.00</i>
									<i>12 204 137 941.00</i>
<b>Future</b>									
Mar 2019	DAGB	Future	80	19.1745	19.2374	0.0000	0.0000	0	0.00
Apr 2019	DAGB	Future	43	19.2289	19.2929	0.0000	0.0000	0	0.00
Apr 2019	DAGB	Future	120	19.2641	19.3285	0.0000	0.0000	0	0.00
Apr 2019	DAGB	Future	27	19.2737	19.3383	0.0000	0.0000	0	0.00
			<u>270</u>					<i>0.00</i>	<i>0.00</i>
									<i>66 926.00</i>
									<i>1 122 552 906.30</i>
		<b>Total</b>	<b>270</b>					<b>0.00</b>	<b>0.00</b>
									<i>274 239.00</i>
									<i>1 122 552 906.30</i>
<b>Future</b>									
Mar 2019	DAUS	Future	46,000	14.4201	14.4956	0.0000	0.0000	46,000	666,992,400.00
Mar 2019	DAUS	Future	13,500	14.4303	14.5059	0.0000	0.0000	5,000	72,533,000.00
Mar 2019	DAUS	Future	3,409	14.4371	14.5128	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	10,000	14.4422	14.5181	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	55	14.4439	14.5198	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	20,000	14.4473	14.5233	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	2,025	14.4490	14.5251	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	1,280	14.4660	14.5426	0.0000	0.0000	1,020	14,774,904.00

<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>
Apr 2019	DAUS	Future	349	14.4848	14.5617	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	15	14.4899	14.5669	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	2,012	14.4916	14.5687	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	25,000	14.5070	14.5843	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	93	14.5139	14.5913	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	387	14.5415	14.6192	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	416	14.5450	14.6227	0.0000	0.0000	0	0.00
Jun 2019	DAUS	Future	74	14.5519	14.6297	0.0000	0.0000	0	0.00
Jun 2019	DAUS	Future	2,607	14.5937	14.6718	0.0000	0.0000	0	0.00
Jul 2019	DAUS	Future	55	14.5990	14.6771	0.0000	0.0000	0	0.00
Jul 2019	DAUS	Future	682	14.6515	14.7299	0.0000	0.0000	0	0.00
Aug 2019	DAUS	Future	55	14.6532	14.7316	0.0000	0.0000	0	0.00
Aug 2019	DAUS	Future	1,678	14.7041	14.7820	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	55	14.7094	14.7872	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	74	14.7129	14.7906	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	3,617	14.7287	14.7560	0.0000	0.0000	3,617	53,372,452.00
Sep 2019	DAUS	Future	53	14.7589	14.8381	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	55	14.7625	14.8419	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	108	14.8147	14.8951	0.0000	0.0000	0	0.00
Nov 2019	DAUS	Future	52	14.8670	14.9483	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	55	14.8723	14.9538	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	321	14.8759	14.9576	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	14.9285	15.0109	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	14.9816	15.0646	0.0000	0.0000	0	0.00
Feb 2020	DAUS	Future	3,500	15.0330	15.1171	0.0000	0.0000	0	0.00
Mar 2020	DAUS	Future	55	15.0386	15.1227	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	15.0971	15.1816	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	15.1489	15.2335	0.0000	0.0000	0	0.00
Jun 2020	DAUS	Future	1,055	15.2140	15.2989	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	15.3252	15.4126	0.0000	0.0000	0	0.00
			<u>222,912</u>					<u>55,637.00</u>	<u>807,672,756.00</u>
									<u>11 561 330.00</u>
									<u>143 120 287 247.00</u>
<b>Option</b>									
Mar 2019	DAUS	14.13 Call	50,000	296.7549	377.6514	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Put	30,000	20.3313	25.0936	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.80 Call	30,000	630.1842	704.6596	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Call	30,000	264.4779	333.1313	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Put	30,000	39.2779	32.4313	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.53 Put	30,000	172.3920	137.1489	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.37 Call	20,000	160.7441	218.9547	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.37 Put	20,000	100.4441	83.0547	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.88 Put	32,000	14.3357	10.4283	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.00 Put	65,000	25.2686	19.2554	0.0000	0.0000	0	0.00

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Mar 2019	DAUS	13.84 Call	15,000	608.8290	680.0331	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.00 Call	6,500	463.5386	531.7017	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.18 Call	15,000	315.1287	378.1332	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.50 Put	20,000	184.9737	152.9206	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	0.1862	0.2691	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.45 Put	600	2.0386	1.7259	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.87 Call	600	583.6502	654.2482	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.20 Put	250	68.4863	55.3059	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.25 Put	250	82.5525	67.5780	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.40 Call	600	175.2507	229.4064	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	75.3645	108.6645	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.43 Call	250	6.0226	10.8490	0.0000	0.0000	0	0.00
Mar 2019	DAUS	15.79 Call	250	2.0504	3.7078	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.00 Call	30,000	489.2570	553.5108	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.76 Put	100	11.3815	9.2231	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Put	35,000	91.9693	75.9586	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.35 Call	100	249.7721	303.6165	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	6.8980	6.0747	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	1029.7818	1103.8888	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.20 Put	250	182.1049	162.3326	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.25 Put	250	202.5050	181.0534	0.0000	0.0000	0	0.00
Apr 2019	DAUS	14.84 Call	500	199.4208	232.6164	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.61 Call	250	68.5717	83.3412	0.0000	0.0000	0	0.00
Apr 2019	DAUS	15.96 Call	250	42.2767	52.2372	0.0000	0.0000	0	0.00
May 2019	DAUS	13.72 Call	50,000	856.1620	925.0338	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Call	50,000	515.7326	572.7958	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Call	61,000	533.2327	587.6385	0.0000	0.0000	0	0.00
May 2019	DAUS	15.25 Call	40,000	179.2412	204.0273	0.0000	0.0000	0	0.00
May 2019	DAUS	15.50 Call	21,000	135.8508	156.0350	0.0000	0.0000	0	0.00
May 2019	DAUS	13.00 Put	500	17.4519	17.1209	0.0000	0.0000	0	0.00
May 2019	DAUS	14.20 Put	250	257.3435	234.4699	0.0000	0.0000	0	0.00
May 2019	DAUS	14.25 Put	250	278.8592	254.6437	0.0000	0.0000	0	0.00
May 2019	DAUS	15.01 Call	500	267.8632	299.5197	0.0000	0.0000	0	0.00
May 2019	DAUS	15.79 Call	250	122.7307	139.5907	0.0000	0.0000	0	0.00
May 2019	DAUS	16.15 Call	250	85.6022	98.6707	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.83 Put	45,000	142.6139	129.8307	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.06 Put	18,000	217.0512	198.1107	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.15 Put	18,000	251.8448	230.6592	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.25 Put	18,000	294.1954	270.4406	0.0000	0.0000	0	0.00
Jun 2019	DAUS	13.00 Put	500	34.9599	33.2936	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.02 Put	29,000	231.1705	211.4605	0.0000	0.0000	0	0.00
Jun 2019	DAUS	14.20 Put	250	302.5557	278.8228	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	DAUS	14.25 Put	250	324.4251	299.5506	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.17 Call	500	306.1219	337.2116	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.33 Call	29,000	267.4676	295.4176	0.0000	0.0000	0	0.00
Jun 2019	DAUS	15.96 Call	250	158.7752	176.7609	0.0000	0.0000	0	0.00
Jun 2019	DAUS	16.32 Call	250	117.3902	131.9597	0.0000	0.0000	0	0.00
Jul 2019	DAUS	13.00 Put	500	55.4703	52.0095	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.20 Put	250	346.6719	322.5095	0.0000	0.0000	0	0.00
Jul 2019	DAUS	14.25 Put	250	368.7899	343.6562	0.0000	0.0000	0	0.00
Jul 2019	DAUS	15.34 Call	500	348.0898	378.7626	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.14 Call	250	197.8684	217.5467	0.0000	0.0000	0	0.00
Jul 2019	DAUS	16.50 Call	250	152.2859	168.6343	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.48 Put	3,147	494.8384	465.7758	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.35 Call	3,147	191.9259	211.0922	0.0000	0.0000	0	0.00
Aug 2019	DAUS	13.00 Put	500	73.4504	68.5490	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.20 Put	250	380.5766	356.6151	0.0000	0.0000	0	0.00
Aug 2019	DAUS	14.25 Put	250	402.8005	377.9596	0.0000	0.0000	0	0.00
Aug 2019	DAUS	15.52 Call	500	374.5357	404.3463	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.33 Call	250	224.8883	245.6367	0.0000	0.0000	0	0.00
Aug 2019	DAUS	16.70 Call	250	177.0193	194.0833	0.0000	0.0000	0	0.00
Sep 2019	DAUS	19.00 Call	20,000	58.8430	64.3962	0.0000	0.0000	0	0.00
Sep 2019	DAUS	13.00 Put	500	89.5115	83.4969	0.0000	0.0000	0	0.00
Sep 2019	DAUS	14.20 Put	250	409.5679	384.8993	0.0000	0.0000	0	0.00
Sep 2019	DAUS	14.25 Put	250	431.8765	406.3941	0.0000	0.0000	0	0.00
Sep 2019	DAUS	15.68 Call	500	404.9656	435.1742	0.0000	0.0000	0	0.00
Sep 2019	DAUS	16.50 Call	250	254.2153	276.0997	0.0000	0.0000	0	0.00
Sep 2019	DAUS	16.89 Call	250	202.6522	220.9245	0.0000	0.0000	0	0.00
Oct 2019	DAUS	13.00 Put	500	103.9722	96.2053	0.0000	0.0000	0	0.00
Oct 2019	DAUS	14.20 Put	250	436.7725	411.1345	0.0000	0.0000	0	0.00
Oct 2019	DAUS	14.25 Put	250	459.1874	432.8006	0.0000	0.0000	0	0.00
Oct 2019	DAUS	15.87 Call	500	429.3866	459.7141	0.0000	0.0000	0	0.00
Oct 2019	DAUS	16.70 Call	250	279.2425	302.3186	0.0000	0.0000	0	0.00
Oct 2019	DAUS	17.09 Call	250	227.8229	247.5319	0.0000	0.0000	0	0.00
Nov 2019	DAUS	13.00 Put	500	115.1599	105.9009	0.0000	0.0000	0	0.00
Nov 2019	DAUS	14.20 Put	250	458.8655	432.7617	0.0000	0.0000	0	0.00
Nov 2019	DAUS	14.25 Put	250	481.3359	454.5125	0.0000	0.0000	0	0.00
Nov 2019	DAUS	16.03 Call	500	453.6976	484.1094	0.0000	0.0000	0	0.00
Nov 2019	DAUS	16.87 Call	250	302.9141	326.5663	0.0000	0.0000	0	0.00
Nov 2019	DAUS	17.26 Call	250	251.5247	271.9832	0.0000	0.0000	0	0.00
Dec 2019	DAUS	13.00 Put	500	125.1366	114.3545	0.0000	0.0000	0	0.00
Dec 2019	DAUS	14.20 Put	250	479.4005	455.0713	0.0000	0.0000	0	0.00
Dec 2019	DAUS	14.25 Put	250	501.9313	475.3138	0.0000	0.0000	0	0.00
Dec 2019	DAUS	16.21 Call	500	477.1433	507.8925	0.0000	0.0000	0	0.00

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Dec 2019	DAUS	17.05 Call	250	327.9644	352.3621	0.0000	0.0000	0	0.00	
Dec 2019	DAUS	17.44 Call	250	276.7501	298.1636	0.0000	0.0000	0	0.00	
			<u>890,794</u>					<u>0.00</u>	<u>0.00</u>	<u>23 994 229.00</u>
	<b>Total</b>		<b>1,113,706</b>					<b>55,637.00</b>	<b>807,672,756.00</b>	<b>35 555 559.00</b>
										<b>143 120 287 247.00</b>
<b>Future</b>										
Mar 2019	EUUS	Future	0	1.1340	1.1306	1.1322	1.1322	5	56,610.00	
Jun 2019	EUUS	Future	5	1.1423	1.1389	1.1403	1.1403	5	57,015.00	
			<u>5</u>					<u>10.00</u>	<u>113,625.00</u>	<u>745 994.00</u>
	<b>Total</b>		<b>5</b>					<b>10.00</b>	<b>113,625.00</b>	<b>745 994.00</b>
										<b>8 462 928 145.00</b>
<b>Future</b>										
Mar 2019	GBUS	Future	0	1.3274	1.3248	1.3259	1.3259	5	66,295.00	
Jun 2019	GBUS	Future	5	1.3331	1.3305	1.3315	1.3315	5	66,575.00	
Dec 2019	GBUS	Future	2,219	1.3443	1.3417	0.0000	0.0000	0	0.00	
			<u>2,224</u>					<u>10.00</u>	<u>132,870.00</u>	<u>176 170.00</u>
	<b>Total</b>		<b>2,224</b>					<b>10.00</b>	<b>132,870.00</b>	<b>176 170.00</b>
										<b>2 268 656 737.00</b>
<b>Future</b>										
Mar 2019	ZAAD	Future	3,689	10.2203	10.2248	10.2677	10.2002	5,307	54,283,866.10	
Jun 2019	ZAAD	Future	17,563	10.3411	10.3468	0.0000	0.0000	2,344	24,216,872.00	
Sep 2019	ZAAD	Future	1,731	10.4764	10.4814	10.4800	10.4748	1,731	18,134,391.20	
Dec 2019	ZAAD	Future	400	10.6074	10.6156	0.0000	0.0000	0	0.00	
			<u>23,383</u>					<u>9,382.00</u>	<u>96,635,129.30</u>	<u>3 861 991.00</u>
										<b>33 856 460 363.80</b>
<b>Option</b>										
Dec 2019	ZAAD	11.00 Call	1,000	307.8561	316.1161	0.0000	0.0000	0	0.00	
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>34 377.00</u>
	<b>Total</b>		<b>24,383</b>					<b>9,382.00</b>	<b>96,635,129.30</b>	<b>3 896 368.00</b>
										<b>33 856 460 363.80</b>
<b>Future</b>										
Mar 2019	ZACA	Future	0	10.8026	10.8809	10.8906	10.8455	1,000	10,864,325.00	
Jun 2019	ZACA	Future	900	10.9380	11.0187	10.9925	10.9917	500	5,496,050.00	
Sep 2019	ZACA	Future	400	11.0851	11.1655	0.0000	0.0000	0	0.00	
			<u>1,300</u>					<u>1,500.00</u>	<u>16,360,375.00</u>	<u>152 363.00</u>
	<b>Total</b>		<b>1,300</b>					<b>1,500.00</b>	<b>16,360,375.00</b>	<b>152 363.00</b>
										<b>1 513 258 265.10</b>
<b>Future</b>										
Jun 2019	ZADK	Future	250	2.2311	2.2367	0.0000	0.0000	0	0.00	
			<u>250</u>					<u>0.00</u>	<u>0.00</u>	<u>13 625.00</u>
	<b>Total</b>		<b>250</b>					<b>0.00</b>	<b>0.00</b>	<b>13 625.00</b>
										<b>294 020 589.00</b>

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<b>Future</b>										
Mar 2019	ZAEU	Future	32,226	16.3503	16.3870	16.3993	16.3092	18,031	295,243,060.70	
Jun 2019	ZAEU	Future	121,404	16.6429	16.6822	16.6792	16.6092	2,614	43,497,938.90	
Sep 2019	ZAEU	Future	43,128	16.9627	17.0016	16.9663	16.9653	3,349	56,843,918.40	
Dec 2019	ZAEU	Future	32,686	17.2691	17.3137	0.0000	0.0000	14,925	258,359,212.50	
Mar 2020	ZAEU	Future	4,361	17.6089	17.6566	0.0000	0.0000	0	0.00	
			<u>233,805</u>					<u>38,919.00</u>	<u>653,944,130.50</u>	<u>16 617 623.00</u> <u>240 953 684 196.20</u>
<b>Option</b>										
Mar 2019	ZAEU	16.00 Call	650	352.2320	393.2574	0.0000	0.0000	0	0.00	
Jun 2019	ZAEU	15.35 Put	570	53.0957	56.0772	0.0000	0.0000	0	0.00	
Jun 2019	ZAEU	16.64 Call	300	487.5733	520.7853	0.0000	0.0000	0	0.00	
Sep 2019	ZAEU	15.62 Put	14,429	172.0306	172.3653	0.0000	0.0000	0	0.00	
Sep 2019	ZAEU	18.27 Call	14,429	334.6851	356.0426	0.0000	0.0000	0	0.00	
Sep 2019	ZAEU	18.60 Call	55,000	278.9456	298.0145	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	13.73 Put	17,150	25.0554	24.9236	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	14.09 Put	136,646	38.3850	36.7538	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	15.70 Put	136,646	237.0106	236.8468	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	16.15 Put	17,150	366.4587	365.3198	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	19.79 Call	136,646	299.9216	318.7738	0.0000	0.0000	0	0.00	
Dec 2019	ZAEU	20.62 Call	17,150	216.9898	231.9433	0.0000	0.0000	0	0.00	
			<u>546,766</u>					<u>0.00</u>	<u>0.00</u>	<u>11 684 913.00</u> <u>0.00</u>
		<b>Total</b>	<b>780,571</b>					<b>38,919.00</b>	<b>653,944,130.50</b>	<b>28 302 536.00</b> <b>240 953 684 196.20</b>
<b>Future</b>										
Mar 2019	ZAFR	Future	893	14.3930	14.4377	14.3519	14.3519	100	1,435,190.00	
Jun 2019	ZAFR	Future	1,393	14.6635	14.7103	0.0000	0.0000	0	0.00	
Sep 2019	ZAFR	Future	100	14.9607	15.0067	0.0000	0.0000	0	0.00	
			<u>2,386</u>					<u>100.00</u>	<u>1,435,190.00</u>	<u>630 509.00</u> <u>6 810 875 070.60</u>
		<b>Total</b>	<b>2,386</b>					<b>100.00</b>	<b>1,435,190.00</b>	<b>630 509.00</b> <b>6 810 875 070.60</b>
<b>Future</b>										
Mar 2019	ZAGB	Future	38,230	19.1384	19.2012	0.0000	0.0000	1,873	35,881,847.60	
Jun 2019	ZAGB	Future	199,973	19.4223	19.4881	0.0000	0.0000	2,873	55,881,637.60	
Sep 2019	ZAGB	Future	19,514	19.7291	19.7941	0.0000	0.0000	0	0.00	
Dec 2019	ZAGB	Future	12,846	20.0189	20.0914	20.0250	20.0250	1	20,025.00	
Mar 2020	ZAGB	Future	4,674	20.3360	20.4127	0.0000	0.0000	0	0.00	
			<u>275,237</u>					<u>4,747.00</u>	<u>91,783,510.20</u>	<u>14 509 945.00</u> <u>249 198 740 472.90</u>
<b>Option</b>										
Mar 2019	ZAGB	18.00 Put	500	0.5489	2.1955	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	19.00 Call	2,500	194.5138	263.7078	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	19.19 Put	1,000	133.9375	118.9279	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	20.00 Call	500	3.5874	10.2327	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Mar 2019	ZAGB	20.18 Call	1,500	1.8251	6.4103	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	21.44 Call	500	0.0315	0.3379	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	18.00 Call	1,000	1539.8323	1602.7755	0.0000	0.0000	0	0.00	
Dec 2019	ZAGB	18.75 Put	500	491.3956	478.4599	0.0000	0.0000	0	0.00	
Dec 2019	ZAGB	22.13 Call	500	414.7767	440.5738	0.0000	0.0000	0	0.00	
			8,500					0.00	0.00	1 790 313.00
		<b>Total</b>	<b>283,737</b>					<b>4,747.00</b>	<b>91,783,510.20</b>	16 300 258.00 249 198 740 472.90
<b>Future</b>										
Mar 2019	ZAJY	Future	10,000	0.1294	0.1299	0.0000	0.0000	0	0.00	
			10,000					0.00	0.00	1 091 937.00 12 363 272 053.60
		<b>Total</b>	<b>10,000</b>					<b>0.00</b>	<b>0.00</b>	1 091 937.00 12 363 272 053.60
<b>Future</b>										
Jun 2019	ZAKS	Future	2,166	0.1432	0.1444	0.0000	0.0000	0	0.00	
			2,166					0.00	0.00	38 066.00 515 662 000.00
		<b>Total</b>	<b>2,166</b>					<b>0.00</b>	<b>0.00</b>	38 066.00 515 662 000.00
<b>Future</b>										
Sep 2019	ZANZ	Future	646	10.1321	10.1289	0.0000	0.0000	0	0.00	
			646					0.00	0.00	146 792.00 1 127 677 204.60
		<b>Total</b>	<b>646</b>					<b>0.00</b>	<b>0.00</b>	166 792.00 1 127 677 204.60
<b>Future</b>										
Mar 2019	ZATR	Future	0	2.6315	2.6438	0.0000	0.0000	1,696	4,463,024.00	
Jun 2019	ZATR	Future	30,000	2.5333	2.5440	0.0000	0.0000	1,696	4,286,979.20	
			30,000					3,392.00	8,750,003.20	505 727.00 1 541 285 993.10
		<b>Total</b>	<b>30,000</b>					<b>3,392.00</b>	<b>8,750,003.20</b>	505 727.00 1 541 285 993.10
<b>Future</b>										
Mar 2019	ZAUM	Future	66	14.4184	14.4938	14.3986	14.3986	5	7,199,300.00	
Jun 2019	ZAUM	Future	470	14.5692	14.6471	14.5536	14.5536	5	7,276,800.00	
			536					10.00	14,476,100.00	156 693.00 182 148 505 290.00
		<b>Total</b>	<b>536</b>					<b>10.00</b>	<b>14,476,100.00</b>	161 216.00 182 148 505 290.00
<b>Future</b>										
Mar 2019	ZAUS	Future	538,443	14.4184	14.4938	14.4935	14.3987	309,131	4,467,057,800.40	
Jun 2019	ZAUS	Future	483,955	14.5692	14.6471	14.6500	14.5552	156,897	2,291,436,906.30	
Sep 2019	ZAUS	Future	27,882	14.7340	14.8116	14.7950	14.7139	1,286	19,017,792.50	
Dec 2019	ZAUS	Future	22,743	14.8919	14.9743	0.0000	0.0000	11,600	173,334,160.00	
Mar 2020	ZAUS	Future	10,345	15.0646	15.1489	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
	Jun 2020	ZAUS	Future	700	15.2332	15.3181	0.0000	0.0000	0	0.00	
				<u>1,084,068</u>				<u>478,914.00</u>	<u>6,950,846,659.20</u>	<u>199 281 632.00</u>	<u>2 412 553 864 423.20</u>
Option	Mar 2019	ZAUS	10.33 Put	1,000	0.0000	0.0000	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	11.74 Put	1,000	0.0000	0.0000	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	12.47 Put	721	0.0000	0.0001	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	12.51 Put	720	0.0000	0.0002	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	12.80 Put	7,520	0.0004	0.0040	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	12.90 Put	16,000	0.0038	0.0110	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	12.92 Put	139,342	0.0056	0.0134	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.00 Put	15,434	0.0238	0.0285	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.05 Put	1,155	0.0245	0.0451	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.12 Put	138,000	0.0255	0.0524	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.15 Put	10,125	0.0259	0.0559	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.25 Put	225,407	0.0275	0.0705	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.33 Put	135,043	0.0290	0.0859	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.36 Put	134,750	0.0296	0.0929	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.46 Put	20,000	0.0319	0.1221	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.50 Put	7,550	0.0329	0.1372	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.55 Put	10,000	0.0344	0.1597	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.60 Call	500	818.4360	893.9874	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.60 Put	6,570	0.0360	0.1874	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.62 Put	6,432	0.0368	0.2002	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.68 Put	14,200	0.0393	0.2463	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.70 Put	2,500	0.0402	0.2648	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.72 Put	10,000	0.0473	0.2851	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.79 Put	262,812	0.0856	0.4408	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.82 Put	2,100	0.1114	0.5617	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.85 Put	1,000	0.1456	0.7155	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.86 Put	721	0.1594	0.7755	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.90 Put	720	0.2302	1.0699	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	13.95 Call	1,000	468.7694	545.3967	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.00 Call	100	419.0013	496.1762	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.00 Put	29,200	0.6013	2.3762	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.04 Put	7,100	0.8969	3.2572	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.20 Call	2,000	223.1751	304.8938	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.25 Call	750	176.5613	259.8029	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.28 Put	7,028	11.2491	19.8383	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.30 Call	250	132.3149	216.6403	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.30 Put	3,000	13.9149	22.8403	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.35 Put	139,342	23.4745	32.1975	0.0000	0.0000	0	0.00	
	Mar 2019	ZAUS	14.44 Put	7,000	62.2170	57.5523	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>
Mar 2019	ZAUS	14.45 Put	1,000	68.8434	61.1846	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.46 Call	6,332	34.1403	98.7992	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	28.6760	86.9932	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Call	225,780	24.0874	75.9684	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.50 Put	50	105.6874	82.1684	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.53 Put	108	130.1710	100.9687	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.56 Put	138,000	155.9649	121.3733	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.65 Put	10,000	238.4621	190.3552	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.74 Put	24,325	325.0840	267.6087	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.80 Call	2,000	2.3010	15.8593	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.81 Put	135,043	393.7534	331.3012	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.82 Put	4,145	403.6170	340.5841	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.83 Put	10,010	413.4908	349.9054	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.84 Put	134,750	423.3738	359.2626	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.00 Call	1,260	0.7089	6.3411	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.04 Put	63,500	622.1799	551.5663	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.10 Put	1,000	682.0374	610.4210	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.12 Put	99,824	702.0001	630.1069	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.13 Put	7,100	711.9830	639.9606	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.17 Call	720	0.3127	3.2391	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.19 Put	41,300	771.8785	699.2119	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Put	2,500	781.8630	709.1058	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.22 Call	2,785	0.2348	2.6348	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.25 Call	1,500	0.1988	2.2756	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.32 Put	262,812	901.7367	827.8244	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.40 Call	2,000	0.0913	1.1151	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	0.0718	0.8861	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.46 Call	108	0.0685	0.8467	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.50 Call	3,050	0.0571	0.7071	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	0.0478	0.5920	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.66 Call	139,342	0.0290	0.3534	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.81 Call	10	0.0165	0.1922	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.83 Call	135,043	0.0154	0.1778	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.89 Call	4,145	0.0140	0.1412	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.00 Call	1,906	0.0130	0.1033	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.13 Call	138,000	0.0123	0.0839	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.18 Call	1,800	0.0120	0.0780	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.30 Call	10,000	0.0116	0.0666	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.38 Call	134,750	0.0115	0.0606	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.58 Call	10,000	0.0113	0.0495	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.60 Call	50	0.0113	0.0486	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	16.96 Call	12,600	0.0116	0.0376	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	16.97 Call	63,500	0.0117	0.0374	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.02 Call	262,812	0.0118	0.0364	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.08 Call	7,028	0.0119	0.0353	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.09 Call	99,824	0.0119	0.0351	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.10 Call	2,500	0.0120	0.0350	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.23 Call	41,300	0.0123	0.0331	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.30 Call	10,125	0.0126	0.0322	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	17.50 Call	16,000	0.0205	0.0445	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.00 Call	14,200	0.0544	0.1732	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	18.40 Call	7,100	0.0998	0.3743	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	0.5796	0.5833	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	9.5730	9.5320	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.65 Put	1,050	15.6573	15.8839	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	17.9324	18.2633	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.92 Put	2,100	22.6516	23.1940	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	24.6215	25.2483	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.00 Put	165,703	25.3186	25.9747	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.10 Put	14,000	29.1589	29.9456	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	42.0995	38.2680	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.25 Put	4,582	43.1712	39.2409	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.30 Put	143,800	48.8533	44.3981	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.35 Put	4,317	55.0929	50.0675	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.50 Call	7,500	1146.6820	1217.5525	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.60 Call	700	1064.9680	1134.2533	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.60 Put	700	95.7680	87.1533	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	149.3612	136.3492	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.90 Call	100	839.1572	901.6793	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.91 Put	1,000	173.0920	157.4935	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.98 Call	1,000	785.2783	845.9932	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.00 Call	23,500	772.1831	832.4361	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.00 Put	301,700	202.9831	185.3361	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.06 Put	2,100	224.6032	205.5376	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.07 Put	39,589	228.3391	209.0348	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.20 Put	13,600	280.3572	257.8624	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.25 Put	1,982	302.0711	278.3191	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.30 Put	30,000	324.7269	299.7018	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.35 Call	1,050	567.5178	619.1094	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.42 Call	30	532.0989	581.8814	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.44 Put	31,500	393.1086	364.4751	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	458.4431	503.4241	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.63 Put	8,203	498.9522	463.6498	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.65 Put	1,000	511.0722	474.8187	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	14.75 Call	1,000	392.8421	431.9222	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	368.5160	405.8503	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.00 Call	17,500	312.5279	345.5954	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.10 Call	2,900	285.1768	316.0255	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.30 Call	14,000	237.5758	264.3275	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.32 Call	1,980	233.2589	259.6607	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.50 Call	146,182	197.9037	221.1479	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.60 Call	143,800	180.7515	202.3127	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.64 Call	39,589	174.3421	195.2608	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	151.0554	169.5790	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.89 Call	6,800	139.4672	156.7562	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	135.8243	152.7209	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.00 Call	5,020	126.6146	142.5060	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	16.09 Call	6,800	116.7889	131.9088	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	17.96 Call	8,203	18.1053	22.1577	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	4.6844	4.5991	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.50 Put	1,000	38.8484	36.3760	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.87 Put	9,783	67.8451	64.2720	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.02 Put	17,287	83.8749	79.7534	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.15 Put	11,333	100.1722	95.5161	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.25 Put	3,900	114.3846	109.2749	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.65 Call	5,666	1287.9836	1352.7896	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.70 Put	2,000	217.8113	204.2843	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.77 Put	28,500	238.2102	223.6280	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	13.97 Put	800	303.3334	285.5280	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.00 Put	1,000	313.9883	295.6825	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.12 Put	177	361.9773	340.3540	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.21 Put	2,700	400.5942	377.3430	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.30 Put	9,783	441.4345	416.5308	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.36 Put	111	469.8789	443.8726	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.46 Put	17,287	519.4197	491.5683	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.50 Call	14,000	773.9721	822.9808	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.65 Put	3,000	620.7022	589.3478	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	14.85 Put	3,000	738.0099	702.5311	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.00 Call	750	566.8686	606.3870	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.03 Call	177	556.4378	595.4442	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.16 Call	111	513.4017	550.2503	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.38 Put	5,000	1094.1451	1049.9287	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.51 Call	28,500	413.9713	445.1474	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.56 Put	2,571	1227.7019	1180.3746	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.87 Call	1,000	334.0377	360.0388	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	17.12 Call	17,287	157.3880	172.3685	0.0000	0.0000	0	0.00

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Sep 2019	ZAUS	17.18 Call	9,783	151.8966	166.4445	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.23 Call	800	147.4841	161.6812	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.64 Call	5,000	116.3094	127.9431	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.85 Call	2,700	104.9695	115.0406	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	17.93 Call	2,571	101.2829	111.0505	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	18.47 Call	1,200	80.6764	88.7186	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	11.89 Put	1,000	16.1800	14.6910	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	12.87 Put	139,860	99.7051	88.7727	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.00 Put	49,600	120.7349	108.8336	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.66 Put	1,000	275.1504	258.6295	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.80 Put	500	318.7904	300.5178	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	13.94 Put	139,860	366.6319	346.5462	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	14.00 Put	15,500	388.4338	367.5591	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	14.07 Put	1,351	414.8583	393.0493	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	14.08 Put	4,150	418.7191	0.0000	0.0000	0.0000	4,150	0.00		
Dec 2019	ZAUS	14.41 Put	49,600	566.6737	537.1333	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	15.80 Call	250	535.1840	569.2872	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.20 Call	50,100	445.3174	475.1817	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.25 Call	15,000	435.3774	464.7532	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.35 Call	4,150	416.2791	0.0000	0.0000	0.0000	8,300	0.00		
Dec 2019	ZAUS	16.37 Call	500	412.5816	440.8185	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	16.85 Call	1,351	329.1124	353.6911	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.02 Call	139,860	304.1392	327.3333	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	17.38 Call	1,000	258.0944	278.6372	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	91.1327	102.6702	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	11.91 Put	1,000	18.3971	16.9442	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	14.01 Put	1,000	451.6544	429.5119	0.0000	0.0000	0	0.00		
Mar 2020	ZAUS	17.73 Call	1,000	350.2273	374.5297	0.0000	0.0000	0	0.00		
			<u>5,798,661</u>					<u>12,450.00</u>	<u>0.00</u>	<u>67 367 828.00</u>	<u>0.00</u>
	<b>Total</b>		<b>6,882,729</b>					<b>491,364.00</b>	<b>6,950,846,659.20</b>	<b>266 649 460.00</b>	<b>2 412 553 864 423.20</b>
	<b>Grand Total</b>		<b>9,263,367</b>					<b>605,071.00</b>	<b>8 642 150 348.40</b>	<b>365,986,446</b>	<b>3,353,464,164,612.23</b>