



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 13-December-2016

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Dec 2016	CAGZ	Future	20,000	642.1971	608.7710	0.0000	0.0000	0	0.00		
			<u>20,000</u>					<u>0.00</u>	<u>0.00</u>	<u>20 000.00</u>	<u>7 214 600.00</u>
		Total	20,000					0.00	0.00	20 000.00	7 214 600.00
Future											
Jan 2017	DAEU	Future	349	14.6119	14.6285	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	67	14.6186	14.6354	0.0000	0.0000	0	0.00		
Jan 2017	DAEU	Future	12	14.6391	14.6561	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	2,000	14.7206	14.7387	0.0000	0.0000	0	0.00		
Feb 2017	DAEU	Future	26	14.7342	14.7524	0.0000	0.0000	0	0.00		
Mar 2017	DAEU	Future	7	14.8433	14.8621	0.0000	0.0000	0	0.00		
			<u>2,461</u>					<u>0.00</u>	<u>0.00</u>	<u>108 457.00</u>	<u>1 385 249 059.10</u>
		Total	2,461					0.00	0.00	398 057.00	1 385 249 059.10
Future											
Dec 2016	DAGB	Future	14	17.3092	17.2717	0.0000	0.0000	0	0.00		
Jan 2017	DAGB	Future	30	17.4896	17.4565	0.0000	0.0000	0	0.00		
Feb 2017	DAGB	Future	34	17.5912	17.5593	0.0000	0.0000	0	0.00		
Mar 2017	DAGB	Future	89	17.7078	17.6761	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	73	17.8037	17.7715	0.0000	0.0000	0	0.00		
			<u>240</u>					<u>0.00</u>	<u>0.00</u>	<u>51 147.00</u>	<u>837 722 481.20</u>
		Total	240					0.00	0.00	242 260.00	837 722 481.20
Future											
Dec 2016	DAUS	Future	0	13.6043	13.6414	0.0000	0.0000	500	6,821,075.00		
Dec 2016	DAUS	Future	251	13.6067	13.6414	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	2,477	13.6067	13.6415	0.0000	0.0000	1,292	17,561,158.00		
Dec 2016	DAUS	Future	720	13.6176	13.6542	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	Future	2,312	13.6355	13.6734	0.0000	0.0000	100	1,378,950.00		
Jan 2017	DAUS	Future	2,250	13.6552	13.6933	0.0000	0.0000	250	3,434,650.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Jan 2017	DAUS	Future	50	13.6749	13.7132	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	2,600	13.6919	13.7303	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	184	13.6996	13.7382	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	70	13.7073	13.7460	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	Future	1,289	13.7176	13.7565	0.0000	0.0000	1,289	17,665,100.50		
Jan 2017	DAUS	Future	2,339	13.7279	13.7670	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	5,745	13.7975	13.8377	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	Future	374	13.8000	13.8403	0.0000	0.0000	9	125,604.00		
Mar 2017	DAUS	Future	1,561	13.8812	13.9220	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	40	13.9103	13.9511	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	70	13.9368	13.9776	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	14.1776	14.2188	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	14.4269	14.4685	0.0000	0.0000	0	0.00		
			<u>22,736</u>					<u>3,440.00</u>	<u>46,986,537.50</u>	<u>4 652 666.00</u>	<u>52 562 989 345.90</u>

Option

Dec 2016	DAUS	13.50 Put	20,000	122.6116	112.6801	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	14.30 Call	20,000	18.4785	22.7483	0.0000	0.0000	0	0.00		
Dec 2016	DAUS	15.00 Call	20,000	3.4527	4.8037	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.95 Put	2,000	467.9202	445.5093	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	16.17 Call	2,000	3.8076	5.6547	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.28 Call	5,000	136.5690	148.4378	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.10 Put	1,000	601.9851	578.8457	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.89 Call	1,000	14.4796	18.4528	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	13.80 Put	1,000	412.3120	393.5958	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.41 Call	1,000	149.0107	161.5748	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	14.15 Put	210	649.8814	626.8317	0.0000	0.0000	0	0.00		
Jan 2017	DAUS	15.07 Call	210	69.3801	76.0849	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	14.32 Put	1,500	803.8675	781.1794	0.0000	0.0000	0	0.00		
Feb 2017	DAUS	15.03 Call	1,500	120.7968	131.3122	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.95 Put	1,000	634.0338	620.3917	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	17.02 Call	1,000	71.2097	76.3677	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	13.80 Put	1,000	565.8015	554.5384	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	14.10 Put	1,000	736.2730	722.2373	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	15.06 Call	1,000	306.7908	325.2941	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	16.67 Call	1,000	104.7803	113.3178	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.95 Put	1,000	716.3926	706.3614	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	17.98 Call	1,000	144.1491	152.9851	0.0000	0.0000	0	0.00		
			<u>84,420</u>					<u>0.00</u>	<u>0.00</u>	<u>10 306 147.00</u>	<u>0.00</u>
Total			107,156					3,440.00	46,986,537.50	14 958 813.00	52 562 989 345.90

Future

Dec 2016	EUUS	Future	0	1.0637	1.0619	1.0619	1.0619	2	21,238.00
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DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Mar 2017	EUUS	Future	12	1.0683	1.0665	1.0667	1.0667	2	21,334.00
Jun 2017	EUUS	Future	25,352	1.0736	1.0718	0.0000	0.0000	0	0.00
			<u>25,364</u>					4.00	42,572.00
		Total	25,364					4.00	42,572.00
									392 188.00
									4 415 197 302.00
Future									
Dec 2016	GBUS	Future	2	1.2722	1.2662	0.0000	0.0000	0	0.00
Jun 2017	GBUS	Future	8,095	1.2780	1.2720	0.0000	0.0000	0	0.00
			<u>8,097</u>					0.00	0.00
		Total	8,097					0.00	0.00
									12 531.00
									157 699 877.00
Future									
Dec 2016	ZAAD	Future	4,666	10.2272	10.2363	10.2376	10.2373	6,123	62,774,328.20
Mar 2017	ZAAD	Future	18,380	10.3722	10.3844	10.3926	10.3619	6,121	63,651,518.70
Jun 2017	ZAAD	Future	102	10.5446	10.5568	0.0000	0.0000	0	0.00
			<u>23,148</u>					12,244.00	126,425,846.90
		Total	23,148					12,244.00	126,425,846.90
									3 033 429.00
									25 399 702 910.80
Future									
Dec 2016	ZACA	Future	12	10.3810	10.4118	0.0000	0.0000	0	0.00
Mar 2017	ZACA	Future	160	10.5610	10.5952	0.0000	0.0000	0	0.00
			<u>172</u>					0.00	0.00
		Total	172					0.00	0.00
									73 738.00
									694 437 653.50
Future									
Dec 2016	ZACR	Future	10	1.9650	1.9670	0.0000	0.0000	0	0.00
			<u>10</u>					0.00	0.00
		Total	10					0.00	0.00
									109 754.00
									2 502 692 756.00
Future									
Dec 2016	ZAEU	Future	50,854	14.4806	14.4950	14.5942	14.4500	6,995	101,493,794.50
Mar 2017	ZAEU	Future	58,239	14.7787	14.7972	14.8942	14.7444	14,123	209,623,022.80
Jun 2017	ZAEU	Future	78,242	15.1298	15.1484	0.0000	0.0000	0	0.00
Sep 2017	ZAEU	Future	1,156	15.4634	15.4826	0.0000	0.0000	0	0.00
			<u>188,491</u>					21,118.00	311,116,817.30
		Total	188,491					21,118.00	311,116,817.30
									9 795 383.00
									135 476 183 306.50
Option									
Dec 2016	ZAEU	16.50 Call	450	0.2888	0.2540	0.0000	0.0000	0	0.00
Dec 2016	ZAEU	16.90 Put	2,961	2419.4930	2405.0784	0.0000	0.0000	0	0.00
Dec 2016	ZAEU	21.90 Call	2,961	0.0008	0.0004	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	14.30 Put	1,000	304.2613	304.3204	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	14.80 Call	500	513.9437	531.4960	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Mar 2017	ZAEU	16.00 Call	680	175.2257	186.0238	0.0000	0.0000	0	0.00
Mar 2017	ZAEU	17.17 Call	1,000	56.8129	61.5793	0.0000	0.0000	0	0.00
			9,552					0.00	0.00
		Total	198,043					21,118.00	311,116,817.30
									4 789 001.00
									135 476 183 306.50
Future									
Dec 2016	ZAFR	Future	1,712	13.4645	13.4530	0.0000	0.0000	0	0.00
Mar 2017	ZAFR	Future	121	13.7572	13.7499	0.0000	0.0000	0	0.00
			1,833					0.00	0.00
		Total	1,833					0.00	0.00
									565 124.00
									5 904 444 698.40
Future									
Dec 2016	ZAGB	Future	32,390	17.3194	17.2837	17.3454	17.3454	2,917	50,858,427.00
Mar 2017	ZAGB	Future	25,997	17.6388	17.6071	17.8062	17.5655	6,356	112,587,748.40
Jun 2017	ZAGB	Future	32,002	18.0110	17.9780	0.0000	0.0000	0	0.00
Sep 2017	ZAGB	Future	17	18.3612	18.3274	0.0000	0.0000	0	0.00
Dec 2017	ZAGB	Future	5,698	18.7190	18.6832	0.0000	0.0000	0	0.00
			96,104					9,273.00	163,446,175.40
									7 069 567.00
									116 466 432 037.10
Option									
Dec 2016	ZAGB	15.89 Put	525	2.5265	3.9152	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	16.76 Call	525	597.0563	574.7035	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	16.76 Put	1,050	37.6563	51.0035	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.13 Put	4,885	128.8488	160.8971	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.30 Call	656	220.9746	225.6566	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	17.30 Put	525	201.5746	241.9566	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	18.00 Call	1,000	38.2295	46.4705	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	18.00 Put	1,000	718.8295	762.7705	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	19.39 Call	525	1.4021	1.8423	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	21.41 Put	4,885	4090.7492	4126.4526	0.0000	0.0000	0	0.00
Dec 2016	ZAGB	24.46 Call	4,885	0.0019	0.0006	0.0000	0.0000	0	0.00
Mar 2017	ZAGB	17.00 Call	500	1031.0090	0.0000	0.0000	0.0000	500	0.00
Mar 2017	ZAGB	18.50 Call	1,200	411.1531	0.0000	0.0000	0.0000	1,200	0.00
Mar 2017	ZAGB	19.00 Call	600	299.7475	0.0000	0.0000	0.0000	600	0.00
Mar 2017	ZAGB	21.00 Call	1,200	79.0642	0.0000	0.0000	0.0000	1,200	0.00
			23,961					3,500.00	0.00
		Total	120,065					12,773.00	163,446,175.40
									8 824 680.00
									116 466 432 037.10
Future									
Dec 2016	ZAHK	Future	16,430	1.7551	1.7595	0.0000	0.0000	0	0.00
Mar 2017	ZAHK	Future	3,500	1.7831	1.7880	0.0000	0.0000	0	0.00
			19,930					0.00	0.00
									56 677.00
									1 060 468 026.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
Total			19,930					0.00	0.00	56 677.00	1 060 468 026.00	
Future												
	Dec 2016	ZAJY	Future	11,156	0.1182	0.1183	0.0000	0.0000	0	0.00		
	Mar 2017	ZAJY	Future	137	0.1206	0.1207	0.0000	0.0000	0	0.00		
			<u>11,293</u>					<u>0.00</u>	<u>0.00</u>	888 448.00	9 852 500 611.70	
Total			11,293					0.00	0.00	888 448.00	9 852 500 611.70	
Future												
	Sep 2017	ZAKS	Future	1,382	0.1322	0.1343	0.0000	0.0000	0	0.00		
			<u>1,382</u>					<u>0.00</u>	<u>0.00</u>	27 127.00	372 831 350.00	
Total			1,382					0.00	0.00	27 127.00	372 831 350.00	
Future												
	Mar 2017	ZANZ	Future	58	9.9647	9.9537	0.0000	0.0000	0	0.00		
			<u>58</u>					<u>0.00</u>	<u>0.00</u>	144 158.00	1 103 292 270.00	
Total			58					0.00	0.00	164 158.00	1 103 292 270.00	
Future												
	Dec 2016	ZASD	Future	153	9.5589	9.5736	0.0000	0.0000	0	0.00		
	Mar 2017	ZASD	Future	36	9.7122	9.7306	0.0000	0.0000	0	0.00		
			<u>189</u>					<u>0.00</u>	<u>0.00</u>	8 583.00	87 643 864.10	
Total			189					0.00	0.00	8 583.00	87 643 864.10	
Future												
	Dec 2016	ZATR	Future	83	3.9208	3.9147	0.0000	0.0000	0	0.00		
			<u>83</u>					<u>0.00</u>	<u>0.00</u>	194.00	936 367.90	
Total			83					0.00	0.00	194.00	936 367.90	
Future												
	Dec 2016	ZAUM	Future	399	13.6139	13.6500	0.0000	0.0000	0	0.00		
	Mar 2017	ZAUM	Future	522	13.8337	13.8743	0.0000	0.0000	70	97,180,000.00		
	Jun 2017	ZAUM	Future	54	14.0931	14.1341	0.0000	0.0000	0	0.00		
			<u>975</u>					<u>70.00</u>	<u>97,180,000.00</u>	134 404.00	152 324 367 790.00	
Total			975					70.00	97,180,000.00	138 927.00	152 324 367 790.00	
Future												
	Dec 2016	ZAUS	Future	293,233	13.6139	13.6500	13.7751	13.5730	69,155	944,372,217.10		
	Mar 2017	ZAUS	Future	347,761	13.8337	13.8743	13.9940	13.8000	70,469	978,790,997.70		
	Jun 2017	ZAUS	Future	190,051	14.0931	14.1341	14.0786	14.0786	1,089	15,389,899.00		
	Sep 2017	ZAUS	Future	4,455	14.3336	14.3752	0.0000	0.0000	0	0.00		

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Dec 2017	ZAUS	Future	14,956	14.5763	14.6178	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	Future	70	14.8208	14.8635	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	70	15.0652	15.1092	0.0000	0.0000	0	0.00		
			<u>850,596</u>					<u>140,713.00</u>	<u>1,938,553,113.80</u>	<u>127 091 924.00</u>	<u>1 435 436 240 987.70</u>

Option

Dec 2016	ZAUS	11.80 Put	250	0.4283	0.3505	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.59 Put	2,800	4.3243	3.3829	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	12.75 Put	25,850	6.9254	5.0726	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.00 Put	166,585	16.7599	11.4304	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.22 Put	725	40.2051	32.1802	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Call	2,800	336.5166	363.1728	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.34 Put	7,800	62.6166	53.1728	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.35 Put	4,500	64.8926	55.3335	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.40 Put	3,000	77.3487	67.2186	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.48 Put	9,347	101.3590	90.3034	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.50 Put	36,016	108.2166	96.9214	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.70 Call	0	118.5611	136.3244	0.0000	0.0000	500	0.00
Dec 2016	ZAUS	13.70 Put	2,000	204.6611	186.3244	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.75 Put	12,000	236.5520	216.6162	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.77 Put	19,800	249.9451	229.3824	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.85 Put	20,000	306.8987	283.9309	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	13.90 Put	250	345.0136	320.6407	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Call	23,025	40.1172	49.3031	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.00 Put	88,710	426.2172	399.3031	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.05 Call	300	32.8421	40.9021	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.08 Call	5,000	29.0562	36.4884	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.09 Call	1,200	27.8829	35.1136	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.10 Put	2,800	512.8517	483.7849	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.12 Put	800	530.7115	501.2615	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.14 Put	10,000	548.7252	518.9079	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.15 Put	150	557.7870	527.7916	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.18 Call	4,200	19.0785	24.6722	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Call	500	17.5007	22.7723	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.20 Put	2,000	603.6007	572.7723	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Call	2,000	14.0614	18.5915	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.25 Put	2,000	650.1614	618.5915	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.30 Put	3,800	697.3519	665.1259	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.34 Call	1,400	10.1102	12.7951	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.40 Call	26,120	8.6704	10.7006	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.45 Put	20,000	843.7684	809.3753	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Call	1,200	6.8134	8.2476	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.50 Put	32,849	892.9134	858.2476	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	14.51 Put	1,000	902.7579	868.0427	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.60 Call	20,000	5.4509	6.4592	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.63 Put	5,700	1021.2151	986.0207	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.66 Put	20,000	1050.9071	1015.6197	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.69 Call	7,150	4.5242	5.2526	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.70 Put	2,000	1090.5350	1055.1372	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.80 Put	56,000	1189.7660	1154.1466	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.82 Call	8,756	3.5353	3.9795	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	14.86 Call	800	3.2935	3.6713	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Call	88,249	2.4422	2.8160	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.00 Put	29,368	1388.5422	1352.8160	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.10 Call	1,500	1.8223	2.1075	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.20 Put	6,985	1587.4676	1551.5864	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.21 Put	3,500	1597.4294	1561.5425	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Call	26,053	0.7848	0.9160	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.40 Put	31,590	1786.8848	1750.9160	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.48 Call	3,000	0.6330	0.7407	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.50 Put	69,895	1886.7003	1850.7029	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.57 Put	1,400	1956.5996	1920.5863	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.68 Put	63,513	2066.4768	2030.4438	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.80 Put	10,000	2186.3797	2150.3307	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	15.85 Call	2,000	0.2477	0.2934	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Call	52,443	0.1739	0.2070	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.00 Put	32,950	2386.2739	2350.2070	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.11 Call	7,150	0.1355	0.1619	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.31 Call	11,000	0.0908	0.1057	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.53 Put	725	2916.2153	2880.1013	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.55 Call	500	0.1177	0.1034	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.69 Put	3,300	3076.2355	3040.1194	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.77 Call	16,000	0.1463	0.1292	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.91 Call	20,000	0.1667	0.1477	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	16.96 Call	5,000	0.1744	0.1546	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.00 Call	51,333	0.1807	0.1603	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.39 Call	2,800	0.2505	0.2237	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.50 Call	63,513	0.2730	0.2442	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.66 Call	15,100	0.3081	0.2761	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	17.69 Call	1,000	0.3150	0.2824	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.00 Call	1,500	0.1518	0.1594	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.06 Call	1,400	0.1306	0.1370	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.10 Call	23,489	0.1181	0.1239	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.12 Call	4,000	0.1122	0.1178	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	18.89 Call	17,000	0.0149	0.0155	0.0000	0.0000	0	0.00

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Dec 2016	ZAUS	18.98 Call	10,000	0.0117	0.0122	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.00 Call	2,310	0.0110	0.0115	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.15 Call	26,053	0.0073	0.0076	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.25 Call	10,303	0.0055	0.0058	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.75 Call	150	0.0013	0.0014	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.81 Call	250	0.0011	0.0012	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	19.95 Call	725	0.0007	0.0008	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.08 Call	750	0.0005	0.0005	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.16 Call	3,300	0.0004	0.0004	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.30 Call	10,000	0.0003	0.0003	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.36 Call	368	0.0002	0.0002	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	20.90 Call	32,200	0.0000	0.0000	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.24 Call	5,700	0.0000	0.0000	0.0000	0.0000	0	0.00
Dec 2016	ZAUS	21.30 Call	69,895	0.0000	0.0000	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.20 Put	250	49.6635	47.7414	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	12.50 Put	1,500	78.8608	75.4759	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.00 Put	95,797	180.1892	173.6874	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.03 Put	1,000	188.3253	181.5972	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.10 Put	4,800	208.3119	201.0322	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.25 Put	100	258.1884	249.6130	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.50 Put	2,000	359.2003	348.2400	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.65 Call	2,400	613.2248	641.3481	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	13.70 Call	1,603	588.2643	615.8725	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.00 Call	501	457.4444	481.7930	0.0000	0.0000	500	0.00
Mar 2017	ZAUS	14.00 Put	11,320	623.7444	607.4930	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.10 Put	46,000	686.9161	669.5462	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Call	200	354.9494	375.9989	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.30 Put	30,000	821.2494	801.6989	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Call	7,300	325.8246	345.8159	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.40 Put	29,152	892.1246	871.5159	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Call	100	314.8214	334.3967	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.44 Put	100	921.1214	900.0967	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.50 Call	750	298.9770	317.9384	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.65 Put	100	1079.3228	1056.1871	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.91 Call	1,000	210.8834	225.9395	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	14.96 Call	3,000	202.1313	216.7545	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.00 Call	506	195.3990	209.6863	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.10 Call	7,300	179.5684	193.0341	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.23 Put	90	1557.2649	1529.1269	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.36 Put	7,160	1670.1376	1640.9964	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.48 Call	30,000	129.6086	140.1900	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.50 Call	1,000	127.3816	0.0000	0.0000	0.0000	1,000	0.00

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Mar 2017	ZAUS	15.70 Put	6,370	1973.4857	1942.0122	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.74 Put	3,200	2009.8658	1978.1476	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	15.80 Call	180	98.3745	106.9013	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.00 Call	11,320	82.9697	90.4054	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.22 Call	29,152	68.9521	75.3424	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.50 Call	1,000	54.7020	59.9681	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	16.75 Put	1,800	2961.0990	2924.2201	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.00 Call	18,186	36.9335	39.0265	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	17.31 Call	46,000	29.2818	29.8834	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.43 Call	90	11.1472	10.2309	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	18.44 Call	7,160	11.0217	10.1124	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.00 Call	6,370	5.7744	5.1979	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	19.38 Call	3,200	3.6753	3.2633	0.0000	0.0000	0	0.00
Mar 2017	ZAUS	21.42 Call	1,800	0.2779	0.2271	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	633.5578	624.5753	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	654.5059	645.2908	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	787.5013	776.8280	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	828.8993	817.5795	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	859.0804	847.4058	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	920.9169	908.5365	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	2,500	623.5118	650.9187	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1301.2576	1284.5820	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	385.0331	405.8920	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1772.3375	1751.5564	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	2,280	313.8269	332.4653	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2000.7269	1978.3653	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	302.1681	320.3034	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	300.5388	318.6067	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	278.7122	295.8100	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	264.1662	280.5981	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	242.5764	257.9890	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	189.6148	202.3285	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	108.4155	114.6353	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	83.8904	90.3110	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	41.8729	45.6592	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	2,000	282.5789	277.3735	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	10,000	360.7753	354.2826	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	500	503.1278	494.9816	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	2,000	655.0046	645.2800	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	659.9003	650.1285	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	905.1412	893.1332	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	963.4285	950.9342	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	14.47 Put	150	1053.6972	1040.3751	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	16.40 Call	960	416.4994	434.7405	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	16.80 Call	110	356.0108	372.5497	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	17.00 Call	650	329.6556	345.4033	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	17.03 Call	110	325.9062	341.5387	0.0000	0.0000	0	0.00	
Sep 2017	ZAUS	18.00 Call	10,000	240.4404	253.4770	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.35 Put	52,000	532.7025	523.8803	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.00 Put	33,000	822.2810	811.2425	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.09 Put	16,000	869.7526	858.3261	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.15 Put	16,000	902.1192	890.4382	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.18 Put	16,000	918.5198	906.7117	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.50 Put	2,055	1102.0728	1088.9021	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.53 Put	22,000	1120.0643	1106.7629	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	16.55 Call	52,000	593.6387	614.1034	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	16.82 Call	22,000	545.4348	564.7734	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.13 Call	16,000	495.9417	514.0613	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.17 Call	16,000	489.9778	507.9459	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.20 Call	16,000	485.5598	503.4151	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.24 Call	33,000	479.7541	497.4603	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	18.06 Call	2,055	388.6201	403.0553	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	753.7749	741.2949	0.0000	0.0000	0	0.00	
			<u>2,440,364</u>					<u>2,000.00</u>	<u>0.00</u>	<u>31 021 683.00</u>
	Total		3,290,960					142,713.00	1,938,553,113.80	158 113 607.00
										1 435 436 240 987.70
	Grand Total		3,831,459					192,362.00	2 683 751 062.90	210,423,680
										1,981,838,383,155.80