2018 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499.

Customer Service: (312) 930-1000





FINAL

BULLETIN #123@ E-MINI S&P 500 CALL OPTIONS Wed, Jun 27, 2018 PG47

INDIVIDUAL CONTRACT PRICE DATA FOR OPEN, HIGH, LOW, CLOSE AND SETTLEMENT PLUS CLEARED VOLUME FIGURES REFLECT BOTH CME AND REGULAR TRADING HOURS SESSIONS.

VOLUME OR OPEN INTEREST (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: CASH FOR FUTURES, SPREADS, PRIOR DAYS' CLEARED TRADES (OUT-TRADES),
POSITION ADJUSTMENTS, OPTIONS EXCERCISES, POSITIONS IN DELIVERY, OR POSITIONS IN A CASH SETTLEMENT CYCLE. B=BID A=ASK N=NOMINAL P=POST SETTLEMENT SESSION #=NEV
CONTRACT HIGH PRICE *=NEW CONTRACT LOW PRICE R=RECORD VOL OR OPN INT. SETTLEMENT PRICE DETERMINED BY CME RULE 813. B=BID A=ASK N=NOMINAL P=POST SETTLEMENT.

CAB= (CABINET TRANSACTION) - 1/2 TICK VALUE = \$12.50 PRODCUT LISTINGS REPRESENT CONTRACTS WITH PRICE/VOLUME ACTIVITY AND/OR HAVE ESTABLISHED OPEN INTEREST.

PRODUCTS ELIGIBLE TO TRADE BUT ARE INACTIVE DO NOT APPEAR IN THIS REPORT.

ELIGIBLE TO TRADE BUT ARE INACTIVE BUT NOT AFFEAR IN THIS REPORT. ELIGIBLE TO TRADE BUT ARE INACTIVE BUT NOT AFFEAR IN THIS REPORT. ELIGIBLE TO TRADE BUT ARE INACTIVE BUT NOT AFFEAR IN THIS REPORT.												
EXPIRATION:	JUN18	JUL18	AUG18	SEP18	OCT18	NOV18	DEC18	MAR19	JUN19	-		
EMINI S&P FUT	06/15			09/21			12/21	03/15	06/21			
EOM EMINI S&P OPT	06/29	07/31	08/31	09/28	10/31	11/30						
EOW1 EMINI S&P OPT	06/01	07/06	08/03									
EOW2 EMINI S&P OPT	06/08	07/13										
EOW4 EMINI S&P OPT	06/22	07/27										
EMINI S&P OPT	06/15			09/21			12/21	03/15	06/21			
EXPIRATION:	JUN18	JUL18	AUG18	SEP18	OCT18	DEC18	MAR19	JUN19				
BTC FUT	06/29	07/27	08/31	09/28								
		07/02										
		07/03 07/09										
	06/27											
EI FUT				09/21								
ENY FUT				09/13								
EOW3 MINI S&P OPT		07/20	08/17		10/19							
FT1 FUT				09/21								
FT5 FUT				09/21								
FTU FUT				09/21								
		07/06										
		07/13										
		07/20	08/17		10/19							
		07/27										
RS1 FUT				09/21								
RSG FUT				09/21								
RSV FUT				09/21								
	06/29	07/31	08/31									
SDA FUT						12/21						
SDI FUT				09/21		12/21	03/15	06/21				
TPY FUT				09/13								
TRI FUT				09/21		12/21	03/15	06/21				
E-MINI S&P OPTIONS ON FUTURES												
						(6	0		EDADTNO WED JUN 27			

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JUN18 EW 100-42 EW1 100-42 EW2 100-42 EW4 100-42 EZ 100-42	JUL18 25 100-4225 00 100-4225 00 100-4225 25 100-4225	AUG18 100-4225 100-4225	ELIGIB SEP18 100-4225	LE OPTIONS OCT18 100-4225	SERIES (CALLS NOV18 100-4225	S & PUTS) FO DEC18	OR TRADING: MAR19	WED, JUN 27 JUN19
EW4 100-42 EZ 100-42	25 100-4225 00		100-4225			100-4225	1150-4225	1225-4225
JUN18 E1A E1C E2A E4C 100-42 E4S R1E R2E R3E R3E R4E	JUL18 100-4225 100-4225 100-4225	AUG18	0СТ18					
E4C 100-42 EW3 R1E	100-4225 725-2500	100-4225	100-4225					
R2E R3E R4E	100-4225 725-2500 725-2500 725-2500 725-2500 00 725-2500	725-2500	725-2500					
RTM 725-25	00 725-2500	725-2500						

				E-MINI S&P FUTURES				
OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT. PRICE & PT. CHGE	RTH VOLUME	GLOBEX® VOLUME	OPEN INTEREST	CONTRACT HIGH LOW
EMINI S&P FUT SEP18 2726.50 DEC18 2730.25 MAR19 2731.75 JUN19 2740.00 TOTAL EMINI S&P FUT	2748.00 2751.25 2756.25B 2748.00B	2701.00 2704.50 2712.00A 2734.00A		2704.90 - 2360 2708.10 - 2390 2713.90 - 2390 2720.20 - 2390	18856 18856	2098830 4147 2358 1001 2106336	2629776 + 48920 + 12538 + 4002 + 2695236 +	3688 2889 .00 2417 .25A 1372 2894 .75 2489 .00A 2157 2890 .50B 2562 .00A 1001 2805 .00 2628 .50A 8218

L MINI 30	&P 500 FIXING PRICE	(ESF): Sep19	2702.24								
				WK E	EW-W1 E-MINI S&	P CAL	LS				
					SETT.PRIC	E		EXER	VOLUME TRADES	OPEN	CONTRACT
STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	& PT.CHGE		DELTA	CISES	CLEARED	INTEREST	HIGH LOW
EOW1 MINI	S&P C								CLLAKED		
JUL18	EOW1 MINI S&P C										
2305			*406.00A		400.20-	2350	. 993			1 UNCH	469.00 406.00A
2325		170 75-	*386.50A		380.30-	2340	. 993			1 UNCH	440.00 386.50A
2565		179.75B	144.25A		143.10-	2230	.937			1 UNCH	229.00B 142.75A
2605		140.50B	*106.50A		105.40-	2120	.888			1 UNCH	191.00B 106.50A
2625		123.50B	*87.75A		87.30-	2030	. 848			2 UNCH	172.75B 87.75A
2635		113.75B	*79.00A		78.60-	1960	.822			8 UNCH	163.00B 79.00A
2645		104.25B	*70.50A		70.10-	1880	. 792			1 UNCH	153.50B 70.50A
2650		99.50B	*66.25A		66.00-	1830	. 774			1 UNCH	148.50B 66.25A
2655		94.75B	*62.25A		61.90-	1790	. 757		2	3 + 2	143.75B 62.25A
2660		90.00B	*58.25A		57.90-	1740	. 737		2	50 + 1	139.00B 58.25A
2665	63.25	85.50B	*54.25A		53.90-	1700	.717		3	4 + 1	134.25B 54.25A
2670	67.00	80.75B	*50.25A		50.00-	1660	. 695		5	18 + 1	129.50B 50.25A
2675	71.75	76.00B	*46.50A		46.30-	1600	. 672		.1	2 - 1	124.75B 46.50A
2680		72.50B	*43.00A		42.60-	1540	. 648		46	49 + 46	120.00B 43.00A
2685		68.00B	*39.50A		39.10-	1480	.622		1	2 + 1	115.25B 39.50A
2690		63.50B	*36.00A		35.60-	1420	. 594		10	28 + 1	110.50B 36.00A
2695	7777	59.00B	*32.50A		32.30-	1350	. 565			3 UNCH	105.75B 32.50A
2700	44.25	54.75B	*29.00		29.10-	1280	. 535		131	378 + 56	101.25B 29.00
2705	27.00	50.50B	*26.25A		26.10-	1200	. 503		9	383 + 1	96.50B 26.25A
2710	27.50	46.25B	*23.25A		23.20-	1120	.471		43	269 + 17	92.25B 23.25A
2715	23.00	42.25B	*20.50A		20.40-	1050	.437		180	248 + 6	87.50B 20.50A
2720	21.25	38.25B	*18.00		17.80-	970	.402		1341	532 + 256	83.00B 18.00
2725	23.50	34.50B	*15.50A		15.40-	880	. 367		174	417 - 68	78.75B 15.50A
2730	17.25	30.75B	*13.00		13.20-	800	.331		568	428 + 4	74.25B 13.00
2735	14.75	27.00B	*11.00		11.20-	710	.296		563	1133 + 233	70.00B 11.00
2740	15.00	23.75B	*9.25A		9.30-	630	.260		1320	1129 + 300	65.75B 9.25A
2745	12.75	20.50B	*7.75A		7.70-	540	.226		592	1815 + 164	61.50B 7.75A
2750	10.50	17.50B	*6.25		6.30-	460	.195		1095	1049 + 246	57.50B 6.25
2755	6.75	14.75B	*4.95A		5.10-	380	.165		421	635 + 60	53.25B 4.95A
2760	7.50	12.25	*3.50		4.05-	315	.137		883	1212 + 367	49.50B 3.50
2765	3.30	9.75B	*3.00A		3.15-	255	. 112		441	1138 + 13	45.50B 3.00A
2770	4.95	8.00	*2.25		2.45-	195	.090		862	1210 - 188	41.75B 2.25
2775	2.00	6.00B	*1.80		1.85-	155	.071		342	1399 - 148	38.25B 1.80
2780	2.00	4.75B	*1.35		1.40-	120	.055		716	3517 + 243	34.75B 1.35
2785	2.20	3.55B	*1.10A		1.05-	90	.043		1335	1245 - 227	31.25B 1.10A
2790	1.35	2.65B	*.85A		.75-	70	.031		900	1710 - 194	28.25B .85A
2795	1.05	1.95	*.65A		.55-	55	.023		172	1549 - 79	25.25B .65A
2800	0.60	1.40	*.45		.40-	45	.017		932	1829 - 209	22.25B .45
2805	0.65	1.00B	*.35A		.30-	35 25	.013		333	1732 + 281	19.75B .35A
2810	0.25	.75B	*.25		.25-		.011		337	2977 - 4	17.25B .25
2815	0.40	.55B	*.20		.15-	25	.006		140	1478 - 140	15.00B .20
2820	0.35	.40B	*.20A		.15-	20	.006		658	1675 + 498	13.00B .20A
2825	0.25	.35	*.20A		.10-	15	.004		11	898 - 1	11.00B .20A
2830			*.15A		.05-	20	.002		627	1096 + 215	9.25B .15A
2835	0.15	.20	*.15		.05-	15	.001		100	1125 + 17	8.00B .15
2840	0.10	.10	*.10		.05-	10	.001		549	1681 + 372	6.75B .10
2845					CAB		.000		62	1049 UNCH	5.50B .15
2850			*.10A		CAB		.000			1015 UNCH	4.75B .10A
2855					CAB		.000			1486 UNCH	3.95B .15
2860	0.15	.15	.15		CAB		.000		4	532 UNCH	3.35 .15
2865					CAB		.000			610 UNCH	2.80B .10

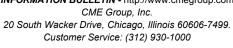






					FINAL							
PG47	BULLETIN #123@			E-MI	NI S&P 500 CALL O	PTIONS			Wed,	Jun	27, 201	8 PG47
2870					CAB		.000	 	100	UNCH	2.40в	.10
2875					CAB		.000	 	110	UNCH	2.05B	.10
2880 2885					CAB CAB		.000	 	182 53	UNCH	1.75B 1.50B	.10A .10A
2890					CAB		.000	 	1058	UNCH	1.30B	.10A
2895					CAB		.000	 	2	UNCH	1.15B	.10A
2900 2905					CAB CAB		.000	 	405 400	UNCH	1.00B	.10A .10A
2910					CAB			 	250	UNCH	.85B .75B	.30
2915					CAB			 	200	UNCH	.70в	.30
2920	0.05				CAB			 	250	UNCH	.65	.15A
2930 2935	0.05	.05	*.05		CAB CAB			 4	7 + 188	4 UNCH	.50в .50	.05 .35A
2940					CAB			 	100	UNCH	.45B	.10A
2950					CAB			 	1	UNCH	.30B	.30A
2975					CAB			 	3	UNCH	.25B .25	.25A .25A
2980 2990					CAB CAB			 	100	UNCH UNCH	.23 .20B	.23A .20
3000					CAB			 	175	UNCH	.25	.15
3005					CAB			 	10	UNCH	.15B	.15
3010 3015					CAB CAB			 	10 110	UNCH UNCH	.15в .20	.15A .15A
3015					CAB			 	12	UNCH	.20 .15B	.15A .15A
3025					CAB			 	215	UNCH	.20	.15
3030					CAB			 	35	UNCH	.15	.15
3035 3040					CAB CAB			 	130 4	UNCH	.15 .15	.15 .15
3050					CAB			 	18	UNCH	.15	.15
3075					CAB			 	15	UNCH	.15	.15
3110					CAB			 	5	UNCH	.10B	.10
3200 3350					CAB CAB			 	63 42	UNCH UNCH	.05 .05	.05 .05
TOTAL					CAB			15915	45012 +	2147	.03	.03
AUG18	EOW1 MINI S&P C	#4F4 7F-	+422 25.		122.00	1720	756				454 75-	122 25.
2605	87.50	#154.75B #114.75B	*123.25A *87.00A		122.90- 86.70-	1720 1500	.756 .665	 12	1 13 +	UNCH 12	154.75B 114.75B	123.25A 87.00A
2650 2675	69.00	#93.50B	*68.50A		68.20+	NEW	.601	 11	11 +	11	93.50B	68.50A
2690		#81.25B	*58.25A		57.90-	1220	.556	 	1	UNCH	81.25B	58.25A
2700		#73.50B	*51.50A		51.30-	1150	.525	 101	101 +	100	73.50B	51.50A
2705 2710	58.50	#69.50B #65.75B	*48.25A *45.25A		48.10- 45.00-	1110 1070	.508 .491	 22	1 45 +	UNCH 22	69.50в 65.75в	48.25A 45.25A
2715	55.00	#62.00B	*42.25A		42.00-	1030	.473	 43	26 +	23	62.00B	42.25A
2720	46.75	#58.50B	*39.25A		39.10-	980	.455	 79	158 +	23 79	58.50B	39.25A
2725	40.00	#54.75B	*36.50A		36.20-	940	.437	 	60	UNCH	54.75B	36.50A
2730 2735	40.00	#51.25В #47.75В	*33.75A *31.00A		33.50- 30.80-	880 840	.418 .399	 27 	104 + 27	27 UNCH	51.25B 47.75B	33.75A 31.00A
2740	29.50	#44.50B	*28.50A		28.30-	780	.380	 52	72 +	50	44.50B	28.50A
2745		#41.25B	*26.00A		25.80-	740	.360	 	6	UNCH	41.25B	26.00A
2750	35.25 33.50	#38.25B #35.25B	*23.75A *21.50A		23.50- 21.30-	690 640	.340 .320	 12 134	22 + 261 +	1 124	38.25B 35.25B	23.75A 21.50A
2755 2760	27.75	#32.25B #32.25B	*19.50A		19.20-	600	. 299	 134	261 + 16 +	13	32.25B	19.50A
2765	25.50	#29.25B	*17.50A		17.30-	550	.280	 5	43 +	3	29.25B	17.50A
2770	22.75	#26.50B	*15.75A		15.50-	510	.260	 7	28 +	4	26.50B	15.75A
2775 2780	20.75	#24.00B #21.50B	*14.00A *12.50A		13.80- 12.20-	470 430	.240 .221	 4	62 + 21	1 UNCH	24.00B 21.50B	14.00A 12.50A
2785	16.50	#19.25B	*11.00A		10.80-	390	.203	 121	131 +	91	19.25B	11.00A
2790	9.75	#17.00B	*9.75 *8.50		9.50-	340	.185	 23	25 +	23	17.00B	9.75 8.50
2795	8.50	#15.00B	*8.50		8.30-	310	.168	 18	19 +	18	15.00B	8.50
2800 2805	7.75 10.00	#13.25B #11.50B	*7.25A *6.50A		7.30- 6.30+	260 NEW	.152 .136	 240 110	276 - 110 +	84 110	13.25B 11.50B	7.25A 6.50A
2810	8.75	#10.00B	*5.50A		5.50+	NEW	.122	 16	15 +	15	10.00B	5.50A
2815	7.50	#8.75B	*4.90A		4.75-	175	.109	 3	130 +	1	8.75B	4.90A
2820	6.75	#7.50B	*4.20A		4.10-	150	.097	 51	69 +	29	7.50B	4.20A
2825 2830	5.25	#6.50B #5.50B	*3.50 *3.10A		3.50- 3.00-	130 110	.085 .075	 15 101	33 + 128 +	11 101	6.50в 5.50в	3.50 3.10A
2835	4.25	#4.75B	*2.70A		2.60-	90	.067	 34	82 +	33	4.75B	2.70A
2840	4.10	#4.10	*2.30A		2.20-	85	.058	 84	52 +	23	4.10	2.30A
2845	2.70	#3.50B	*2.00A		1.90-	70	.051	 101	106 +	68	3.50B	2.00A
2850 2855	2.40 2.10	#2.95B #2.55	*1.75 *1.50A		1.60- 1.40-	65 55	.044 .039	 351 201	609 + 170 +	235 100	2.95B 2.55	1.75 1.50A
2860	1.85	2.15	*1.30A *1.30A		1.20-	50	.039	 73	287 +	2	2.33	1.30A 1.30A
2865	1.60	#1.85B	*1.15A		1.05-	45	.030	 109	76 +	73	1.85B	1.15A
2870	1.55	#1.60B	*1.05A		.90+	NEW	.026	 4	3 +	3	1.60B	1.05A
2875		#1.40B #1.20B	*.90A *.80A		.80- .70-	35	.023 .021	 3	122	UNCH 3	1.40B	.90a .80a
2880 2885		#1.20B #1.05B	*.70A		.70-	30 25	.021	 	139 + 73	UNCH	1.20в 1.05в	.80A .70A
2900		.70B	*.55A		.45-	20	.013	 	308	UNCH	.70	.55A
2905		.65B	*.50A		.40-	20	.012	 	2	UNCH	.65	.50A
3000 TOTAL					.10-	10	.002	 3 2184	3 4047 +	UNCH		
IOIAL								2104	4047 +	1373		

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Side 03

FINAL

E-MINI S&P 500 CALL OPTIONS BULLETIN #123@ Wed. Jun 27

PG47	BULLETIN #123@			E-MINI	S&P 500 CALL OP	TIONS				Wed, Jun	27, 2018 PG47
				WK EW-W2 E	E-MINI S&P CALLS				VOLUME		
STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRIC & PT.CHGE		DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	CONTRACT HIGH LOW
EOW2 MIN: 10118 25118 25108 2525 2615 2625 2615 2625 2635 2645 2650 2645 2650 2665 2675 2770 2775 2780 27715 27720 27715 27720 27715 27720 27755 27740 2745 2775 2780 2785 2790 2785 2790 2785 2790 2795 2800 2805 2810 2815 2825 2830 2885 2890 2895 2890 2895 2890 2895 2890 2895 2890 2995 2890 2995 2890 2995 2890 2995 2990 2995 2990 3015 3040 3045 3070 3015 3070 3015 3070 3015 30120 31	EÖWZ MINI S&P C 94.50	235.75B 221.00B 136.00B 131.25B 126.50B 122.00B 117.25B 112.50B 117.25B 112.50B 108.00B 103.50B 99.75B 95.25B 86.25B 82.00B 77.50B 73.25B 66.75B 56.75B 56.75B 56.75B 51.75B 51.75B 52.75B 52.75B 53.7.50B 53.7.50	*200 . 25A *185 . 75A *102 . 25A *89 . 75A *93 . 50A *89 . 25A *81 . 00A *77 . 00A *73 . 00A *73 . 00A *65 . 25A *57 . 50A *40 . 25A *54 . 00A *50 . 25A *41 . 50A *31 . 75A *33 . 75A *34 . 75A *35A *35A *36 . 75A *37 . 75A *38		199, 20- 184, 80- 102, 00- 93, 40- 89, 10- 89, 10- 88, 80- 76, 80- 77,	2200 2180 1890 1890 1870 1840 1770 1170 1170 1150 1150 1150 1150 115	. 935 . 925 . 8811 . 800 . 789 . 777 . 764 . 737 . 722 . 707 . 691 . 673 . 656 . 617 . 596 . 617 . 595 . 552 . 552 . 552 . 552 . 552 . 552 . 552 . 186 . 186 . 186 . 186 . 186 . 186 . 186 . 197 . 198 . 198		1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1 UNCH 2	284.008
STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRIC & PT.CHGE		DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	CONTRACT HIGH LOW
EOW4 MIN: JUL18 2370 2380	I S&P C EOW4 MINI S&P C 	(FUTURES : 373.75B 364.00B	SETT00` *340.00A *330.25A) 	338.70- 328.90-	2240 2230	.956 .953			1 UNCH 1 UNCH	421.75B 340.00A 411.75B 330.25A

STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRICI & PT.CHGE		DELTA	EXER CISES	VOLUME TRADES CLEARED	OPE INTERES		CONTRA	CT LOW
EOW4 MINI JUL18 2370 2380 2575 2590 2605 2615 2620 2635 2640 2635 2645 2645 2655 2660 2655 2660 2655 2665 2675 2685 2695 2700 2715 2710 2715 2710 2715 2735 2730 2735 2745 2755	S&P C EOW4 MINI S&P C	(FUTURES S 373.75B 364.00B 179.00B 165.00B 151.00B 146.50B 142.75B 138.25B 129.25B 129.25B 120.25B 107.00B 107.75B 98.50B 90.00B 85.75B 98.50B 90.00B 85.75B 98.50B 90.00B 877.50B 107.00B 102.75B 98.50B 90.00B 877.50B 977.50B 977.00B	*340.00A *330.25A *145.50A *119.50A *119.50A *115.25A *111.00A *106.75A *94.50A *94.75A *86.75A *86.75A *82.75A *86.75A *86.75A *86.75A *79.00A *71.50A *60.50A *60.50A *71.75A *37.75A *37.75A *37.75A *37.75A *37.75A *37.75A *37.75A *37.75A *37.75A		& PT.CHGE 338.70- 328.90- 145.00- 131.90- 118.90- 114.70- 110.50- 106.30- 98.10- 94.10- 86.20- 82.30- 74.70- 13.80- 60.30- 56.80- 53.40- 50.10- 46.80- 43.60- 43.60- 43.60- 31.80- 29.10- 26.60- 24.20- 21.80- 19.70- 17.60-	2240 2230 1990 1830 1780 1750 1730 1660 1670 1510 1440 1360 1290 1210 1170 1210 1170 990 930 880 880 880 6610	. 956 . 953 . 821 . 800 . 775 . 767 . 747 . 715 . 704 . 6691 . 6692 . 632 . 638 . 609 . 593 . 577 . 560 . 543 . 525 . 525 . 544 . 428 . 449 . 428 . 449 . 428 . 438 . 438 . 438 . 438 . 438 . 449 . 438 . 43	CISES	TRADES CLEARED	1	T NCH NCH NCH NCH NCH NCH NCH NCH NCH NC	421.75B 411.75B 225.50B 196.75B 192.00B 187.25B 168.50B 173.25B 168.50B 159.25B 159.25B 159.25B 154.50B 145.75B 159.25B 141.00B 145.75B 141.00B 123.00B 148.50B 149.75B 109.75	340.00A 330.25A 145.50A 132.25A 119.50A 115.25A 111.00A 106.75A 94.50A 90.75A 86.75A 97.50A 64.00A 60.50A 53.75A 60.50A 53.75A 47.00A 47.00A 47.00A 47.75A 32.00A 29.25A 47.75A 32.75A 32.75A
2760 2765 2770 2775 2780 2785 2790 2795 2800	17.00 20.00 18.50 16.00 14.00 9.75 12.50 8.00 6.25	28.00B 25.25B 22.50B 20.00B 17.75B 15.50B 13.50B 11.75B 10.00B	*15.75A *14.00A *12.25A *10.75A *9.50A *8.25A *7.00A *6.00A *5.25A	 	15.70- 13.90- 12.20- 10.70- 9.30- 8.10- 7.00- 6.00- 5.10-	550 490 450 400 350 310 270 230 200	.277 .256 .234 .214 .193 .175 .157 .140		107 55 42 54 426 144 30 63 234	627 + 309 + 210 +	27 7 33 20 257 40 10 1 225	60.50B 56.75B 53.00B 49.50B 46.25B 43.00B 39.75B 36.75B 33.75B	15.75A 14.00A 12.25A 10.75A 9.50A 8.25A 7.00A 6.00A 5.25A

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PG47	BULLETIN #123@			E-MIN	NI S&P 500 CALL O	PTIONS			wed	, Jun	27, 201	.8 PG47
2805	5.75	8.50B	*4.45A		4.35-	175	.109	 58	549 +	30	30.75в	4.45A
2810	5.00	7.25B	*3.80A		3.70-	140	.095	 39	313 +	2	29.00B	3.80A
2815	6.00	6.00	*3.20A		3.10-	125	.083	 52	310 +	49	26.50B	3.80A 3.20A
2820	4.55	5.25	*2.70A		2.65-	100	.073	 84	434 +	6	24.25	2.70A
2825	3.85	4.35B	*2.30		2.25-	80	.063	 133	468 -	97	21.00в	2.30
2830	2.85	3.65B	*1.95A		1.90-	70	.055	 270	604 -	17	19.00B	1.95A
2835	2.25	3.05B	*1.65A		1.60-	60	.047	 568	572 +	379	18.00	1.65A
2840	2.10	2.55B	*1.45A		1.35-	50	.041	 520	1398 +	399	15.25B	1.45A
2845	1.70	2.15B	*1.25A		1.15-	45	.035	 90	320 -	24	14.25	1.25A
2850	1.15	1.80B	*1.05A		1.00-	35	.031	 14	168 -	-i	12.50B	1.05A
2855	1.40	1.55B	*.95A		.85-	30	.027	 13	334	UNCH	11.25B	.95A
2860	1.15	1.30B	*.80A		.70-	30	.022	 507	849 +	307	9.75B	.80A
2865	0.85	1.10B	*.70A		.60-	30	.019	 149	126 -	28	8.50	.70A
2870		.95B	*.65A		.55-	25	.018	 	183	UNCH	7.50B	.65A
2875		.80B	*.55A		.45-	25	.015	 	209	UNCH	6.75B	.55A
2880		.70B	*.50A		.40-	25	.013	 	394	UNCH	6.00B	.50A
2885		.60B	*.45A		.35-	20	.011	 	87	UNCH	5.25	.45A
2890		.55B	*.45A		.35-	15	.011	 	37	UNCH	4.75B	.45A
2895		.50B	*.40A		.30-	15	.010	 	69	UNCH	4.20B	.40A
2900			*.35A		.30-	15	.009	 	72	UNCH	3.75B	.35A
2905			*.35A		.25-	15	.008	 	48	UNCH	3.35B	.35A
2910					.25-	10	.008	 	277	UNCH	3.00B	.45A
2915			*.30A		.25-	10	.007	 	173	UNCH	2.65	.30A
2920					.25-	- 5	.007	 	407	UNCH	2.40B	.40A
2925					.20-	10	.006	 	202	UNCH	2.15B	.30
2930					.20-	5	.006	 	2	UNCH	1.95B	.35A
2935					.20-	5	.006	 	1	UNCH	1.75B	.35A
2940					.20-	5	.006	 	1	UNCH	1.60B	.35A
2945					.15-	5	.004	 	114	UNCH	1.45B	.30A
2960					.15-	5	.004	 	7	UNCH	1.15B	.30A
2975					.10-	10	.003	 	290	UNCH	.90в	.25A
2990					.05-	10	.001	 	30	UNCH	.75B	.15
2995					.05-	10	.001	 	1	UNCH	.70в	.15
3060					CAB		.000	 	200	UNCH	.35	.30A
3070					CAB		.000	 	25	UNCH	.15	.15
3075					CAB		.000	 	145	UNCH	.15	.15
3100					CAB		.000	 	93	UNCH		.25A
3150					CAB			 	100	UNCH	.25	.15A
3180					CAB			 	100	UNCH	.20	.15A
3400	0.05	.05	.05		CAB			 22	44 +	22	.05	.05
TOTAL								4661	15292 +	2276		

2975 2990 2995 3060 3070 3075 3100 3150 3180 3400 TOTAL			.05	 	CAB CAB CAB CAB CAB CAB	.10- .05- .05-	10 10 10 	.003 .001 .001 .000 .000 .000		 22	290 30 1 200 25 145 93 100 100 44 + 15292 +	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.90B .75B .70B .35 .15 .15 .25 .20	.35A .15 .15 .30A .15 .15 .25A .15A .05
					E-MINI S&P	CALLS				.002				
		UTCU	1.004			TT.PRIC		DEL TA	EXER CISES	VOLUME TRADES	(INTER	OPEN	CONTRA	ACT LOW
EMINI S&		HIGH	LOW	CLOSING RANGE	α	PT.CHGE		DELTA	CISES	CLEARED	INILI	KL31	HIGH	LOW
SEP18 1000 1670	EMINI S&P CALL				170 103	04.90- 35.00-	2360 2350	. 999 . 993			6 40	UNCH UNCH	 1094.75E	 3 822.00A
1800 1810					90 89	05.40- 95.40-	2330 2340	. 989 . 988			26 4	UNCH UNCH	967.50B 957.50B 947.75B 942.75B 937.75B	698.75A 689.50A
1820 1825					88	85.50- 80.50-	2330 2330	.988 .988			2 4	UNCH	947.75B 942.75B	680.00A 675.50A
1830 1840					87	75.50- 65.60-	2340 2330	.987 .987			5 5	UNCH UNCH	937.75B 955.00B	670.75A 661.50A
1850 1860					8.	55.70- 45.80-	2330 2320	.987 .986			4 2	UNCH UNCH	948.50B 950.75B	652.25A 643.00A
1880 1890					82	25.90- 16.00-	2320 2320	.985			1 2	UNCH	939.00B	624.50A 615.25A
1900 1920					80	06.10- 86.30-	2320 2310	.984 .982			3 1	UNCH	930.00B 920.25B 900.50B	606.25A 588.00A
1925 1950					78	81.30- 56.60-	2310 2300	.982			1 102	UNCH	895.75B 871.25B	583.50A 560.75A
1970 2000					73	36.80- 07.20-	2300 2290	.979 .976			3 8	UNCH	851.75B	542.75A 516.00A
2010 2020					69	97.40- 87.60-	2280 2280	.975 .974			1 2	UNCH	850.50B 843.75B 835.00B	507.00A 498.25A
2025 2030					68	82.60- 77.70-	2280 2280	.974			9	UNCH	830.25B 825.25B	493.75A 489.50A
2040 2050					66	67.90- 58.10-	2270 2270	.972 .971			6 70	UNCH	815.50B	480.75A 472.00A
2060 2070					64	48.30- 38.50-	2260 2260	.970			2	UNCH	806.00B 797.75B 794.50B	463.25A 454.50A
2075 2080					65	33.60- 28.70- 09.10-	2250 2250 2250	.968			12 2 72	UNCH	794.50B 794.50B 790.25B 771.00B	450.00A 445.75A
2100 2150		646.75B			60	09.10- 60.30-	2240 2220	.965 .957			8 3	UNCH	771.00B	428.50A 386.25A
2170					54	40 90-	2210 2210 2210	.954			16	UNCH	743.75B 724.50B 719.50B	369.50A 365.25A
2175 2180					5.	36.00- 31.10- 21.40-	2220	.952 .950			2	UNCH	714.75B 705.25B 695.75B	361.25A 353.00A
2190 2200		551.00B	512.50A		5.	11.80-	2210 2200 2200	.948			6 59	UNCH	695.75B	344.75A
2210 2220		541.00B 531.25B	502.75A 493.25A		49	02.10- 92.50-	2190	.946			3 5	UNCH	686.25B 676.75B	336.75A 328.50A
2225 2230		526.25B 521.50B	488.50A 483.50A		48	87.70- 82.90-	2180 2180	.942 .941			50 102	UNCH	672.00B 667.00B	324.50A 320.50A
2240 2250		511.75B 502.00B	474.00A 464.50A		40	73.30- 63.70-	2170 2160	.938 .936			50 39	UNCH	657.50B 648.00B	312.50A 304.50A
2260 2270		492.50B 482.75B	454.75A 445.25A		44	54.10- 44.60-	2160 2150	.933			70 30	UNCH	638.50B 629.25B	296.75A 289.00A
2275 2280		477.75B 473.00B	440.50A 435.75A		43	39.80- 35.00-	2150 2140	.929 .927			17 27	UNCH	624.50B 619.75B	285.00A 281.00A
2290 2300		463.25B 453.75B	426.25A 416.75A		4:	25.40- 15.90-	2140 2140	.924 .921			21 91	UNCH	610.25B 603.50B	273.50A 265.75A
2305 2310		448.75B 444.00B	412.00A 407.25A 397.75A		41	11.10- 06.40- 97.00-	2140 2130	.920 .918			35 15 150	UNCH UNCH	495.00B 594.25B 584.75B	323.50A 258.25A 250.75A
2320 2325		444.00B 434.25B 429.50B	393.00A		39	92.30-	2110 2110	.914 .912			113	UNCH	584.75B 580.00B	250.75A 247.00A
2330 2340		424.50B 415.25B 405.50B	388.25A 378.75A		37	87.60- 78.30-	2100 2080	.910 .906			173 75	UNCH UNCH	580.00B 575.50B 566.00B 556.75B	243.25A 235.75A
2350 2360		396.00B	369.50A 360.25A		3:	68.90- 59.60-	2060 2040	.902 .897			51 149	UNCH UNCH	556.75B 548.50	228.50A 221.25A 214.00A 210.50A 207.00A 199.75A
2370 2375		386.50в 381.75в	351.00A 346.25A 341.50A		3! 34	50.30- 45.60- 40.90-	2030 2020	.893 .890			19 91	UNCH UNCH	538.25B 533.50B	214.00A 210.50A
2380 2390		381.75B 377.00B 367.50B 357.75B 348.25B 339.00B	332.25A		3:	31.60-	2020 2020	.888 .883			37 36	UNCH UNCH	529.00B 519.75B	207.00A 199.75A 193.00A
2400 2410		357.75в 348.25в	323.00A 314.00A		32 32	22.40- 13.20-	2000 1990	.878 .873			522 22	UNCH UNCH	510.50B 501.25B	193.00A 186.00A
2420 2425		334.5UB	304.75A 300.00A		30 29	04.10- 99.50-	1970 1970	.867 .864			20 362	UNCH UNCH	492.00B 487.50B	179.00A 175.75A
2430 2440		329.75B 320.25B	295.50A 286.75A		29 28	95.00- 86.00-	1950 1920	.861 .854			27 9	UNCH UNCH	483.00B 473.75B	172.25A 165.75A
2450 2455	280.75	311.00B 306.50B	277.25A 273.00A		2:	22.40- 13.20- 99.50- 99.50- 96.00- 77.00- 72.60+ 68.10- 63.60+ 59.20- 54.70- 50.30- 41.50- 337.20- 332.80-	1900 NEW	.848 .844		1	2478 1 +	UNCH 1	529.008 519.758 510.508 501.258 492.008 487.508 487.508 464.758 350.758 341.258 446.758 442.258 437.758	159.25A 199.75A
2460 2465	276.25 275.00	301.75B 297.00в	268.50A 264.00A		20 20	68.10- 63.60+	1880 NEW	.841 .837		2 1	119 1 +	UNCH 1	455.75B 341.25B	152.75A 192.25A
2470 2475	270.50	292.50B 288.00B	259.50A 255.00A		2! 2!	59.20- 54.70-	1870 1870	.833 .829		1 	42 + 652	1 UNCH	446.75B 442.25B	146.50A 143.25A
2480 2490		283.50B 274.00B	250.75A 241.75A		2! 24	50.30- 41.50-	1860 1840	.826 .817			29 125	UNCH UNCH	437.75B 428.75B	140.25A 134.00A
2495 2500		269.75В 265.00В	237.50A 233.00A		2:	37.20- 32.80-	1820 1810	.813 .809			1 824	UNCH UNCH	313.00B 419.75B	169.75A 128.00A
2505 2510	253.00	261.00B 256.75B	228.75A 224.50A		22 22	28.50- 24.10- 19.80-	1790 1780	.805 .800		1	26 354	UNCH UNCH	303.75B 410.75B	162.50A 122.25A
2515 2520	 241.50	252.25B	220.25A 216.00A		2:	19.80- 15.60-	1770 1750	.796		1	97 423	UNCH UNCH	294.50B	155.25A
2525 2530	235.00	247.75B 243.25B 238.75B	211.50A 207.25A		2:	15.60- 11.30- 07.00-	1750 1740	.791 .786 .781		1	309 771	UNCH	401.75B 397.50B 393.00B	113.50A 110.75A
2535 2540	223.75	234.25B 230.00B	203.00A 199.00A		20	02.80- 98.60-	1720 1710	.781 .776 .771		1	95 102 +	UNCH 1	2/6.00B	141.25A
2545 2550	196.25	225.50B 221.00B	194.75A 190.50		19	94.40- 90.20- 86.00- 81.90- 77.80-	1690 1670	.765 .760		- 4	82 685 -	UNCH 3	384.25B 266.75B 375.25B	134.50A 99.75A
2555 2560		216.75B	186.25A		18	86.00- 81.90-	1660 1640	.754 .749 .743			28	UNCH	375.25B 257.75B 366.50B	127.75A 94.50A
2565 2570	202.00	212.25B 208.00B 203.50B	182.25A 178.00A 174.00A		1	77.80- 73.70-	1620 1600	.743 .737		1	497 22 + 494	1 UNCH	366.50B 249.00B 358.00B	89 25A
2575 2580		199.25в 195.00в	170.00A 170.00A 166.00A		Τ(69.60- 65.50-	1590 1580	.731 .725		50	724 356	UNCH	353.50B 349.25B 230.75B	86.75A 84.25A
2585 2590	181.50	190 75R	162.00A 157.75A		16	61.50- 57.50-	1560 1560 1550	.718 .712		 1	19 532 +	UNCH 1	230.75B	108.25A 79.50A
2595 2600	179.75 163.00	186.25B 182.00B 177.75B 173.75B	154.00A 150.00A		1!	53.50- 49.50-	1540 1530	.712 .705 .698		2 38	9 + 3373 +	2 4	340.50B 222.00B 332.00B	102.00A 74.75A
2605		173.75B	146.00A		14	45.60-	1510	.691			91	UNCH	213.00B	96.00A
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					FINAL							
PG47	BULLETIN #123@			E-M	IINI S&P 500 CALL O	PTIONS			Wed	d, Jun	27, 2018	B PG47
2610 2615 2620 2625 2620 2625 2630 2645 2655 2650 2665 2675 2685 2690 2715	156.50 161.00 134.75 123.25 115.00 101.50 105.00 89.00 75.50 72.75 76.700 70.50 68.00 64.75 52.25 67.00 70.50 68.075 52.25 39.50 37.00 44.50 44.50 39.50 24.50 29.75 31.50 24.50 29.75 31.50 24.50 29.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11.75 10.00 8.50 7.75 11	169. 50B 165. 25B 161. 25B 162. 75B 128. 75B 129. 50B 121. 00B 121. 00B 121. 00B 121. 00B 125. 00B 127. 25B 102. 00B 127. 25B 102. 00B 128. 75B 102. 00B 102. 00B 102. 00B 103. 75B 104. 25B 105. 75B 106. 25B 107. 25B 107	142.00A 138.25A 134.50A 130.50A 126.75A 123.00A 110.00 108.25A 1110.00 108.25A 101.25A 97.75A 99.75A 87.00A 83.75A 74.00A 67.75A 61.75A 61.75A 61.75A 64.75A 64.75A 64.75A 64.75A 64.75A 65.00A 22.50A 42.25A 42.25A 42.25A 42.25A 42.25A 42.25A 42.25A 43.355A 31.00A 25.00 27.00A 28.25A 21.50A 22.00A 28.25A 21.50A 22.00A 28.25A 21.50A 22.00A 28.25A 21.10A 28.25A 21.10A 28.25A 21.10A 28.25A 29.20A 29.25A 21.10A 29.25A 21.10A 20.25A 21.10A 21.10A 21.10A 21.10A 21.10A 21.10A 22.85A 23.10A 24.25A 25.25A 25.20A 26.75A 6.00 27.50A 28.25A 29.20A 29.25A 20.20A 2		141. 70- 137. 80- 134. 00- 136. 40- 122. 60- 118. 90- 111. 50- 107. 90- 104. 30- 97. 30- 99. 50- 99. 50- 67. 50- 66. 50- 61. 60- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 21. 30- 12. 80- 23. 00- 24. 90- 25. 00- 26. 50- 27. 20- 27. 20- 28. 20- 29. 20- 21. 10- 21. 10- 21. 0	1500 1480 1480 1440 1410 1390 1370 1350 1220 1120 1120 1120 1120 1120 1130 1120 1130 113	.684 .677 .669 .6624 .6634 .6634 .6633 .621 .613 .5944 .575 .5655 .5434 .573 .592 .4909 .4675 .443 .3301 .328 .3315 .222 .4909 .407 .433 .3301 .328 .3315 .222 .235 .222 .290 .197 .186 .174 .162 .152 .141 .113 .105 .097 .001 .001 .001 .002 .002 .002 .003 .003 .003 .003 .000 .000	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	185 1243 1243 1243 1243 1260 1703 1700 1	UNCH UNCH 8 2 2 UNCH 1	165.008 154.7558 158.008 151.258 163.258 171.75 168.5008 131.7558 131.008 124.508 124.508 124.508 124.508 124.508 124.508 12558 12.058 126.258 127.75 127.75 128.758 137.75 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 138.758 14.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 16.25 19.008 17.508 18.508 18.508 18.508 18.758 18.508 18.758	90.00A 663.755.00A 663.755.357.50A 661.755.357.50A 661.755.357.50A 662.755.357.50A 663.755.357.50A 663.755.357.50A 663.755.357.357.50A 663.755.357.357.357.357.357.357.357.357.35
1850 1870					861.10- 841.60-	2300 2290	.971 .969	 	100	UNCH	974.75B 955.25B	755.25A

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1880 1890 1900					831.80- 822.10- 812.40-	2290 2280 2270	.968 .967		1 UNCH 2 UNCH 1 UNCH	н 935.75в 721.50A
1925 1930					788.10- 783.20-	2270 2270	.962		2 UNCH 1 UNCH	H 902.00B 669.00A H 897.25B 664.75A
1980 1990 2000	 				735.00- 725.40- 715.80-	2230 2220 2210	.954 .953 .951		1 UNCH 101 UNCH 8 UNCH	H 839.50B 613.00A
2010 2020					706.20- 696.60-	2200 2190	.949 .947		7 UNCH 6 UNCH	H 820.25B 596.00A H 810.75B 587.50A
2050 2075	 				667.90- 644.10-	2180 2170	.942 .937		1 UNCH 1 UNCH 3 UNCH	H 782.25B 562.25A H 758.50B 530.50A
2125 2150 2160					597.00- 573.60- 564.30-	2120 2090 2080	.925 .919 .916		3 UNCH 11 UNCH 20 UNCH	н 688.25в 466.75A
2170 2175					554.90- 550.30- 545.60-	2080 2070	.913 .912		9 UNCH 19 UNCH	H 665.00B 446.25A
2180 2190 2200	 				536.30- 527.00-	2070 2060 2060	.910 .908 .904		19 UNCH 30 UNCH 2 UNCH	4 651 OOR 434 OOA
2210 2220 2225					517.70- 508.50-	2050 2040	.901 .898		116 UNCH 29 UNCH	H 667.75B 417.75A H 658.50B 409.50A
2225 2230 2240	 				536.30- 527.00- 517.70- 508.50- 503.90- 499.30- 490.10-	2030 2030 2020	.896 .895 .891		80 UNCI 4 UNCI 10 UNCI	H 649.25B 401.50A H 643.75B 393.50A
2250 2260					481.00- 471 90-	2010 1990	.888 .884		15 UNCH 117 UNCH	H 642.50B 385.50A H 645.00B 377.50A
2270 2275 2280	 				462.90- 458.30- 453.80-	1970 1970 1970	.880 .878 .876		191 UNCI 1 UNCI 15 UNCI	H 641.50B 369.75A H 637.00B 366.00A H 632.25B 362.00A
2290 2300 2310	 444.00	 444.00	447.75A 439.25A 427.75A		444.90- 435.90- 427.00-	1940 1930 1920	.872 .867 .863		98 UNCH 31 UNCH	H 623.25B 354.00A H 614.00B 346.25A
2320 2325		440.00B 437.00B	419.00A 414.50A		418.00- 413.60-	1910 1900	.859 .856		13 UNCH 1 UNCH	+ 591.25B 327.25A
2330 2340 2350	 	434.25B 428.25B	409.50A 400.75A		409.10- 400.20-	1910 1900	.854 .849		42 UNCH 20 UNCH	H 5//./5B 316.00A
2360 2370		424.25B 403.50B 397.50B	391.75A 383.00A 374.25A		391.40- 382.60- 373.80-	1890 1880 1870	.844 .839 .834		332 UNCI 83 UNCI 31 UNCI	H 559.75B 301.25A H 550.75B 293.75A
2375 2380	 	395.50B 393.50B 389.25B	370.00A 365.75A 357.00A		369.50- 365.20-	1850 1840 1820	.831 .829		39 UNCH 8 UNCH	H 546.25B 290.00A H 541.75B 286.00A
2390 2400 2410		380.50B 371.50B	348.50A 339.75A		356.50- 347.90- 339.40-	1800 1780	.823 .817 .811		36 UNCF 258 UNCF 163 UNCF	H 524.00B 270.50A
2420 2425		362.75B 358.25B 354.00B	331.25A 327.00A		330.90- 326.60- 322.40-	1760 1760	.805 .802		61 UNCH 101 UNCH	H 506.25B 255.00A H 502.00B 251.25A
2430 2440 2450		345.25B 336.50B	322.75A 314.50A 306.00A		313.90- 305.50- 297.20-	1740 1730 1720	.799 .792 .785		35 UNCI 94 UNCI 749 UNCI	H 488.75B 240.00A H 480.00B 232.50A
2460 2470		328.00B 319.25B	297.75A 289.50A		297.20- 288.90-	1700 1680	.778 .771		119 UNCH 61 UNCH	H 471.25B 225.25A H 462.50B 218.00A
2475 2480 2490	 	315.00B 310.75B 302.25B	285.25A 281.25A 273.00A		288.90- 284.80- 280.70- 272.50-	1670 1670 1650	.768 .764 .756		216 UNCH 65 UNCH 48 UNCH	H 454.00B 210.75A H 445.25B 203.75A
2500 2510		293.75B 285.50B	265.00A 256.75A 248.75A		264.40- 256.40-	1630 1610	.748 .740		342 UNCH 213 UNCH	H 441.00B 196.50A H 432.50B 189.75A
2520 2525 2530	 	277.00B 273.00B 268.75B	248.75A 244.75A 240.75A		248.40- 244.40- 240.50-	1590 1580 1570	.732 .728 .723		39 UNCI 286 UNCI 112 UNCI	H 424.00B 182.75A H 419.75B 179.50A H 415.50B 176.00A
2540 2550		260.50B 252.25B	233.00A 225.25A		240.50- 232.60- 224.70- 217.00-	1550 1540	.714 .705		134 UNCH 424 UNCH	H 407.00B 169.25A H 398.50B 162.75A
2560 2570 2575	 	244.25B 236.25B 232.25B	217.50A 209.75A 206.00A		217.00- 209.30- 205.50-	1510 1490 1480	.696 .686 .681		203 UNCI 85 UNCI 143 UNCI	1 302.00B 130.00A
2580 2590		228.25B 220.25B	202.25A 194.75A		201.70- 194.20-	1470 1440	.676 .666		102 UNCH 157 UNCH	H 373.75B 143.50A H 365.50B 137.50A
2600 2605 2610	209.75 	212.50B 208.50B 204.50B	187.25A *183.50A 179.75A		186.70- 183.00- 179.40-	1420 1410 1390	.656 .650 .645		3084 UNCF 10 UNCF 60 +	
2620 2625	190.50	197.00в 193.00в	172.50A 169.00A		172.10-	1370 1360	.634 .628		704 + 455 UNC	5 2/1 25p 110 50x
2630 2640 2650	 	189.25B 181.75B 174.25B	165.50A 158.25A 151.50A		164.90- 157.80- 150.70-	1350 1320 1310	.622 .610 .598		932 UNCI 606 UNCI 4287 UNCI	H 325.00B 108.25A
2660 2665	 143.25	167.00B 163.25B	144.50A *141.00A 137.75A		143.80- 140.40-	1280	.586 .579	1	632 UNCH 27 UNCH	309.00B 97.25A H 186.25B 141.00A
2670 2675 2680	136.50	159.75B 156.00B 152.50B	137.75A 134.25A 131.00A		137.00- 133.70- 130.30-	1270 1250 1230 1230 1200 1180	.573 .566 .559	. 1	286 UNCH 1112 UNCH 431 UNCH	H 301.25B 92.25A H 297.25B 89.50A H 293.25B 87.00A
2690 2695	138.50 135.00	145.50B 142.00B	124.50A *121.25A		123.70- 120.50-	1200 1180	.546 .539	12	335 + 12 30 + 6	2 285.50B 82.00A 6 163.75B 121.25A
2700 2705 2710	118.50 115.00 120.25	138.50B 135.00B 131.50B	118.00A *114.75A 111.75A		117.30- 114.10- 111.00-	1160 1140 1120	.532 .525 .517	6	3820 + 128 11 + 463 + 25	8 2/8.00B //.25A 1 156.50B 114.75A 5 270.25B 72.75A
2715 2720		128.25B 125.00B	118.00A *114.75A 111.75A 108.50A 105.50A 102.50A 99.25		168 . 50- 164 . 90- 157 . 80- 150 . 70- 143 . 80- 140 . 40- 137 . 00- 133 . 70- 120 . 50- 117 . 30- 114 . 10- 111 . 00- 107 . 90- 104 . 80- 98 . 80- 95 . 80- 92 . 90- 90 . 00- 87 . 20-	1100 1080	.510 .503		47 UNCH 2440 UNCH	H 158.50B 70.50A H 262.75B 68.25A
2725 2730 2735	105.00	121.75B 118.50B 115.25B			101.80- 98.80- 95.80-	1060 1040 1020	.495 .488 .480	25	825 UNCI 353 + 5 78 UNCI	1 259.00B 66.00A 5 255.25B 64.00A 1 144.25B 61.75A
2740 2745	104.25 99.25 97.50	112.00B 108.75B	93.50A 90.75A 87.75A		92.90- 90.00-	1000 970	.472 .464	2 16	892 + 1 175 - 14	1 247.75B 59.75A 4 137.50B 57.75A
2750 2755 2760	97.50 93.00 	105.50B 102.50B 99.25B	*85 NNA		87.20- 84.30+ 81.60-	950 NEW 910	.457 .449 .441	. 1	2653 - 102 1 + 2 692 UNCE	2 240.258 55.75A 1 121.25B 85.00A H 233.00B 51.75A
2765 2770 2775		96.25B 93.25B	82.00A *79.25A 76.75A		78.80- 76.10-	900 880	.432 .424		12 UNCH 493 UNCH	H 317.00B 102.75A 309.00B 97.25A 4 186.25B 141.00A 4 301.25B 92.25A 4 297.25B 89.50A 4 293.25B 87.00A 22 285.50B 82.00A 5 163.75B 121.25A 87.800B 77.25A 81 156.50B 114.75A 5 270.25B 72.75A 4 158.50B 70.50A 4 262.75B 68.25A 6 255.25B 64.00A 6 255.25B 64.00A 1 247.75B 59.75A 1 247.75B 59.75A 1 247.75B 59.75A 1 247.75B 59.75A 1 121.25B 85.00A 1 233.00B 51.75A 1 114.75B 79.75A 1 121.25B 85.00A 1 225.75B 48.25A 2 240.25B 55.75A 1 121.25B 85.00A 1 225.75B 48.25A 2 222.222.25B 65.00A 1 114.75B 79.25A 1 115B 41.25A
2780 2785	86.00 	87.25B 84.25B	74.00A 71.25A 68.75A		73.40- 70.80- 68.20-	870 850 830	.416 .407 .399		1308 + 12 373 UNCH 182 UNCH	2 222.238 46.30A H 218.50B 44.75A H 110.75B 60.50A
2790 2795	68.75 63.25	81.50B 78.75B	66.25A 63.75A		65 60-	820 810	.390 .382		1088 + 53 237 UNCH	1 211.50B 41.25A H 104.25B 55.75A 2 204.50B 38.25A
2800 2805 2810		73.25B 70.50B	*59.00A 56.50A		63.10- 60.70- 58.30- 55.90-	780 760 750	.373 .365 .356		18 UNCH 1034 UNCH	89.50B 59.00A H 197.75B 35.25A
2815 2820	 57.50	67.75B 65.25B	54.25A 52.00A		53.60-	730 700	.347	45	308 UNCF 1117 - 45 535 + 32	1 92.25B 33.75A 5 190.75B 32.50A 2 187.50B 31.00A 4 184.00B 29.75A 4 72.25B 45.50A 4 177.50B 27.25A
2825 2830 2835	48.25	60.00B 57.75B	47.50A *45.50A		47.10- 45.00-	680 650 630	.329 .321 .312	5	687 UNCH 120 UNCH	H 184.00B 29.75A H 72.25B 45.50A
2840 2845	50.50 52.00	55.25B 53.00B	43.50A 41.50A		43.00- 41.00-	610 590 570	.303 .294	103	2025 UNCE 286 - 3	H 177.50B 27.25A 1 75.00B 36.00A
2850 2855 2860	40.25 43.75 37.25	48.50B 46.25B	*37.75A 35.75A		37.30- 35.50-	540 520	.277	20	2112 UNCF 51 + 12 606 UNCF	2 61.75B 37.75A H 164.50B 23.00A
2865 2870	41.50	44.00B 42.00B	*34.00A 32.25A		33.80- 32.10-	500 480 460	.259 .251	. 6	63 UNCH 2294 UNCH 1023 UNCH	H 57.00B 34.00A H 158.00B 21.00A
2875 2880 2885	 30.50	38.00B 36.25B	71. 25A 68. 75A 66. 25A 63. 75A 61. 25A *59. 00A 56. 50A 52. 00A 47. 50A *47. 50A *45. 50A 41. 50A 43. 50A 43. 50A 43. 50A 43. 50A 43. 50A 29. 00A *27. 50A 22. 25A		51.40- 49.20- 47.10- 45.00- 41.00- 39.10- 37.30- 35.50- 32.10- 28.90- 27.40- 25.90- 24.50- 23.10-	440 420	.234	30	570 + 30 180 + 3	0 151.75B 19.00A 1 47.75B 27.50A
2890 2895	28.75 23.50	34.25B 32.50B	*24.75A		25.90- 24.50-	410 390 380	.217 .209 .201	2	806 + 2 82 UNCE	2 146.75 17.50A H 43.50B 24.75A
2900 2905 2910	23.00	29.25B 27.75B	*22.00A *20.75A		23.10- 21.80- 20.60-	360 340	.193 .185	1	96 UNCH 3731 UNCH	39.75B 15.75 H 39.75B 22.00A H 133.75B 14.50A
2915 2920	20.50 24.50	26.25B 24.75B	*22.00A *22.00A 20.75A 19.50A 18.50A 17.25A 16.25A *15.50		25.10- 21.80- 20.60- 19.40- 17.20- 16.10- 15.20- 14.20-	330 310	.177 .170	10 1	397 + 10 903 +	42.50B 13.75A 1 128.00B 13.25A
2925 2930 2935	17.50 17.25 15.50	23.25 22.00B 20.75B	17.25A 16.25A *15.50		17.20- 16.10- 15.20-	300 290 270	.163 .155 .148	12 20	920 + 24 387 + 12 50 + 20	1 128.00B 13.25A 4 125.25B 12.50A 1 122.25B 12.00A 0 29.00B 15.50 5 116.75B 11.00A
2940 2945	15.25 18.25	19.50B 18.25	14.50 *13.50A		14.20- 13.40-	260 240	.141	76 1	636 + 25 225 +	116.75B 11.00A 1 26.50B 13.50A 5 111.50B 10.00A
2950 2955 2960	17.25 12.25 11.50	17.25 16.25B 15.25B	12.75A *12.00 11.25A		12.50- 11.70- 11.00-	230 220 200	.128 .122 .116	- 5	2629 + 75 20 + 4 914 - 2	5 111.50B 10.00A 4 23.75B 12.00 1 106.25B 9.25A
2965 2970	10.75 11.50	14.25B 13.50B	*10.75 10.00A		14.20- 13.40- 12.50- 11.70- 10.30- 9.70- 9.10- 8.60-	190 180	.111	53	11 UNC	4 20 50R 10 75
2975 2980 2985	 	12.50B 11.75B 11.00B	9.50A 8.75A *8.25A		9.10- 8.60- 8.00-	160 150 140	.100 .096 .091		430 - 120 802 UNCH 25 UNCH	1 101.00B 8.25A 0 98.50B 8.00 H 95.75B 7.75A H 16.25B 8.25A
2990 2995		189. 25B 181.75B 189. 25B 181.75B 167.00B 163.25B 159.75B 159.75B 159.75B 159.75B 150B 145.50B 145.50B 145.50B 125.00B 138.50B 121.75B 115.25B 125.00B 128.25B 125.00B 128.25B 129.25B 138.50B 129.25B 138.50B 138.50B 138.75B 149.25B 150.25B 162.50B 17.25B 187.25B 18.75B	14.50 *13.50A 12.75A *12.00 11.25A *10.75 10.00A 9.50A 8.75A *8.25A 7.75A *7.25A		7.60- 7.10-	120 120	.087		785 UNCH 20 UNCH	H 91.00B 7.00A H 14.25B 7.25A
3000 3005	7.25	9.00 8.50в	6.75 *6.50A		6.70- 6.30-	100 90	.078 .074		3257 - 186 52 UNCI	0 86.25B 6.25A

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PG47	BULLETIN #123@			E-	MINI S&P 500 CALL OP	TIONS		Wed, Jun	27, 2018 PG47
3010 3015 3020 3015 3020 3025 3030 3025 3030 3035 3040 3045 3050 3065 3060 3075 3080 3100 31120 3125 3130 3140 3150 3150 3160 3175 3180 3190 3220 3221 3230 3240 3253 3280 3275 3280 3275 3280 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 3370 3375 3380 33770 3375 3380 3370 33775 3380	6.50 5.25 4.90 4.55 3.65 2.75 2.50 2.05 1.85 0.90 0.70 0.60	7.75B 7.25B 6.75B 6.75B 6.75B 6.50B 6.00B 5.50B 5.00B 5.25B 5.00B 3.95B 4.45B 4.20B 3.95B 3.70B 3.30B 2.60B 2.35B 2.10B 2.00B 1.15B 1.70B 1.20B 1.15B 1.70B 1.20B 1.15B 1.70B 1.25B 1.70B 1.40B 1.25B 1.70B 1.40B 1.25B 1.50B 1.40B	6.00A *5.75A 5.25 *4.90 *4.4.50 *4.4.53 *3.90A *3.10A *3.10A *2.95A *2.65A *2.00 *1.90A *1.65A *1.105A *1.05A		5.90- 5.20- 5.20- 4.90- 4.55- 4.30- 3.75- 3.30- 2.90- 2.75- 1.95- 1.75- 1.60- 1.50- 1.45- 1.30- 1.10- 1.00- 1.00- 1.558585807045353030303030303030	90 80 80 70 65 65 65 55 55 55 55 55 55 55 55 55 55	.070 90 .067063 2 .060 1 .057 1 .054051044039035035035037 1 .020 120 .027 154 .024 1 .020014020018010014014014014015016017016017018019010010011 1 .010011 1 .010014015016017018019010010010011 1 .010011 1 .010011 1 .010011 1 .01000600900900900900900900	381 UNCH 1555 - 1 1271 UNCH 389 - 1 6 UNCH 389 - 1 6 UNCH 428 UNCH 3430 UNCH 123 UNCH 329 UNCH 14 UNCH 760 UNCH 730 - 54 3073 - 145 11351 + 1 320 UNCH 331 UNCH 3320 UNCH 3320 UNCH 3320 UNCH 3321 UNCH 3430 UNCH 351 + 1 351 + 1 320 UNCH 3669 + 1 798 UNCH 143 UNCH 243 UNCH 144 UNCH 154 UNCH 155 UNCH 156 UNCH 168 UNCH 157 UNCH 168 UNCH 168 UNCH 169 UNCH 169 UNCH 160 UNCH 161 UNCH 162 UNCH 165 UNCH 165 UNCH 167 UNCH 168 UNCH 169 UNCH 169 UNCH 169 UNCH 160 UNCH 161 UNCH 162 UNCH 165 UNCH 166 UNCH 167 UNCH 168 UNCH 169 UNCH 160 UNCH	81.50B 5.75A 11.25B 5.75A 77.25B 5.25A 77.25B 5.25A 77.25B 4.55 8.75B 4.40A 6.75B 3.70A 6.75B 3.70A 6.75B 3.50A 6.1.00B 3.30A 6.00B 3.10A 57.25B 2.65A 58.75B 2.65A 58.75B 2.65A 58.75B 1.05A 4.00B 1.90A 41.00B 1.90A 41.00B 1.95A 38.25B 1.60A 38.25B 1.00A 38.25B 1.05A 28.75B 1.05A
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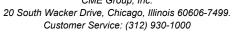




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PG47				E-MINI S&P						<u>-</u>	27, 2018	
2810 2820 2825 2830 2840 2850 2870 2870 2870 2870 2920 2920 2920 2920 2920 2920 2920 2930 2930 2940 2950 2970 2970 2975 2980 2990 3010 3025 3030 3040 3050 3070	74.75 70.00 62.25 27.50 28.50 21.25 15.25 4.65 4.20	100.50B 95.00B 95.00B 89.225B 889.50B 884.25B 79.25B 69.50B 67.00B 66.25B 56.00B 56.00B 56.00B 48.00B 44.25B 44.25B 44.25B 44.25B 45.25B 46.25B 46.25B 47.50B 48.25B 48.25	85.00A 80.00A 77.50A 77.50A 77.50A 77.50A 76.00A 57.25A 53.25A 49.25A 49.25A 49.25A 42.00A 37.00A		84. 40- 79. 40- 77. 40- 69. 90- 69. 50- 61. 1.00- 54. 90- 45. 90- 49. 10- 45. 90- 29. 50- 20. 10- 14. 80- 14. 80- 14. 80- 15. 70- 8. 20- 7. 00- 5. 10- 9. 70- 8. 70- 5. 10- 14. 85- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05- 1. 05-	850 820 8800 780 6700 6700 6600 5600 5600 5600 4700 4500 4200 4200 4200 4200 1200 1210 1200 1210 120	.403 .389 .375 .361 .347 .333 .311 .290 .276 .262 .248 .227 .194 .128 .175 .158 .147 .136 .120 .116 .120 .116 .120 .116 .098 .098 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .083 .079 .079 .079 .079 .079 .079 .079 .079	107 108 1107 108 1 200 1 200 1 3 1 1 3 1 101 38 68 1 101 1	1249 686 226 2290 1178 - 1232 2297 1177 224 + 1569 - 2259 559 5518 - 4126 439 439 439 + 439 439 + 439 439 + 439 + 430 + 431 + 431 + 432 + 433 + 434 + 435 + 436 + 437 + 438 + 439 + 439 + 439 + 430 + 431 + 431 + 432 + 433 + 434 + 435 + 436 + 437 + 438 + 439 + 439 + 430 + 431 + 431 + 432 + 433 + 434 + 435 + 436 + 437 + 438 + 439 + 439 + 430 + 431 + 431 + 432 + 433 + 434 + 435 + 436 + 437 + 438 + 439 + 439 + 430 + 431 + 431 + 432 + 433 + 434 + 435 + 436 + 437 + 438 + 439 + 439 + 430 + 431 + 431 + 432 + 433 + 434 + 435 + 436 + 437 + 438 + 438 + 439 + 430 + 430 + 431 + 431 + 432 + 433 + 434 + 435 + 436 + 437 + 438 +	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	135.00B 129.50B 129.50B 124.25B 119.00B 114.00B 114.00B 114.00B 101.50B 99.25B 99.25B 89.25B 81.25B 77.25B 77.25B 62.00B 60.25B 62.00B 60.25B 62.00B 60.25B 52.25B 62.00B 63.25B 62.00B 63.25B 63.25B 64.00B 63.25B 65.25B 65.25B 66.25B	55.25A 51.75A 50.00A 48.50A 42.25A 39.50A 31.75A 31.75A 31.75A 31.75A 22.52A 23.50A 21.50A 20.00A 18.50A 11.50A 11.50A 11.50A 11.50A 11.50A 11.50A 11.50A 20.00A 8.50A 20.00A 8.50A 20.00A 11.50A
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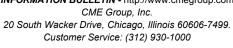
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PG47	BULLETIN #123@			E-M	INI S&P 500 CALL OF	TIONS			Wed,	Jun 2	7, 2018	PG47
2000 2150					704.90- 554.90-	2345 2350	1.000 1.000	 	1	UNCH	814.50B 668.75B 593.00B	443.50A
2300 2330 2360	 				554.90- 404.90- 374.90- 374.90- 315.00- 305.10- 285.10- 280.10- 275.10- 275.10- 275.10- 245.10- 245.10- 245.10- 245.10- 240.10- 235.10- 235.10- 235.10-	2360 2360 2360	. 999 . 999 . 999	 	43 1 1	UNCH UNCH	593.00B 564.25B	295.00A 269.50A 220.75A 212.75A 205.00A 197.50A 197.50A 193.75A 189.75A 181.25A 160.25A 160.25A 156.00A 152.00A 144.00A 140.00A
2390 2400					315.00- 305.10-	2360 2350	.999 .999	 	1 12	UNCH	507.00B 497.50B	220.75A 212.75A
2410 2420			292.25A 285.75A		295.10- 285.10-	2350 2350 2350	.999	 	6 7	UNCH	488.25B 478.75B	205.00A 197.50A
2425 2430 2435			281.00A		280.10- 275.10- 270.10-	2350 2350 2350	. 999 . 999 . 999	 	7 6 6	UNCH	474.00B 469.25B 358.00B	193.75A 189.75A 185.50A
2440 2450 2460			271.00A 271.00A 260.75A 251.50A		265.10- 255.10-	2350 2350	. 999 . 998	 	2 30	UNCH	459.75B 450.50B	181.25A 172.75A
2460 2465 2470	 		251.50A 245.50A 240.50A 235.50A		245.10- 240.10-	2350 2350 2350	.998	 	127 1	UNCH	441.00B 328.00B	164.25A 160.25A
2470 2475 2480			230.50A		230.10- 230.10- 225.10-	2350 2350 2350	. 998 . 998 . 998	 	12 7	UNCH	427.00B 422.25B	152.00A 148.00A
2485 2490			225.75A 221.00A		215.10-	2350 2350	. 998 . 998	 	1 9	UNCH UNCH	308.25в 413.00в	144.00A 140.00A
2495 2500 2505	 		216.00A 208.75A 203.75A 198.75A		210.10- 205.10-	2360 2360 2360	. 998 . 998 . 998	 	59 208 44	UNCH	298.25B 403.75B	136.00A 132.00A
2510 2520			188./5A		205.10- 200.10- 195.10- 185.20-	2360 2350	.998 .997	 	1 129	UNCH	394.50B 385.25B	124.25A 116.50A
2525 2530	 		183.75A 178.75A		180.20- 175.20-	2350 2350	. 997 . 997	 	7 2	UNCH	380.75B 376.00B	112.75A 109.25A
2535 2540 2545			173.75A 168.75A 163.75A		170.20- 165.20- 160.20-	2350 2350 2350	. 996 . 996 . 996	 	1 1 29	UNCH	258.50B 367.00B 248.75B	105.50A 101.75A 98.25A
2550 2555			158.75A 153.75A 148.75A 141.50A		155.30- 150.30-	2350 2350	.995 .995	 	108 20	UNCH	357.75в 238.75в	94.75A 91.25A
2560 2565 2570	 		148.75A 141.50A		160 : 20- 155 : 30- 150 : 30- 145 : 30- 140 : 30- 135 : 30- 130 : 40- 125 : 40- 120 : 40- 115 : 50-	2350 2350 2350	. 995 . 994 . 994	 	41 19 89	UNCH	348.50B 229.00B	87.75A 84.25A 81.00A
2575 2580			136.50A 136.50A 131.75A 126.75A 121.75A 116.75A 106.75A		130.40- 125.40-	2340 2340	.993	 	32 66	UNCH	335.00B 330.50B	77.75A 74.50A
2585 2590	 	145.75B 147.00B 137.25B 134.50B	121.75A 116.75A		120.40- 115.50- 110.50-	2350 2340 2340	.992 .991 .990	 	32 102 154	UNCH	209.25B 321.50B	71.50A 68.25A
2595 2600 2605		137.23B 134.50B 131.00B			110.30- 105.60- 100.60-	2340 2340 2340	.988 .987	 	360 18	UNCH	312.50B 189.50B	62.25A 59.25A
2610 2615		128 OOR	97.00A 92.25A		95.70- 90.80-	2340 2330	.984 .982	 	154 31	UNCH UNCH	303.50в 180.00в	56.50A 53.75A
2620 2625 2630	82.75 	124.50B 120.75B 120.50 114.00B	97.00A 92.25A 87.25A 82.50A 77.50A		86.00- 81.20- 76.40-	2320 2310 2300	.978 .972 .966	 5	188 562 - 254	UNCH UNCH	294./5B 290.25B 285.75B	144.00A 136.00A 132.00A 128.00A 116.50A 116.50A 1109.25A 109.25A 105.50A 101.75A 94.75A 91.25A 87.75A 87.75A 87.75A 88.25A 87.75A 88.25A 87.75A 88.25A 87.75A 88.25A 87.75A 88.25
2635 2640		109.00в 104.00в	68.00A		71.60- 66.90-	2290 2270	.959 .949	 	421 302			40.JUA
2645 2650	56.25 	99.00в 94.00в 89.00в	63.50A 56.25		62.30- 57.70- 53.20-	2240 2220	.938	 5 1 7	817 485 +	UNCH 1	152.50B 268.25B 142.75B	38.50A 36.00A
2655 2660 2665		84.25B 79.25B	54.25A 49.00A 44.75A		48.80- 44.50-	2200 2160 2120	.907 .886 .863	 2	335 - 326 - 193	UNCH	259.75В 133.25В	33.75A 32.00A 30.00A
2670 2675	40.50	74.25B 70.75B	40.50A		40.30- 36.30- 32.30-	2080 2020	.835 .801	 302	403 798 +	UNCH 221	251.00B 246.75B	28.00A 26.00
2680 2685 2690	42.00 49.50 32.00	67.00B 62.50B 57.75B	36.50A 32.50A 28.75A 25.00		32.30- 28.60- 24.90-	1970 1900 1830	.764 .720 .673	 205 5 16	592 - 541 + 231 -		242.50B 119.00B 234.00B	24.25A 22.50A
2695 2700	34.75 36.00 18.00	52.75B 48.25B	21 75A		21.50- 18.20- 15.20-	1740 1650	.620 .563	 6 209	474 + 2026 + 2016 +	1	112 000	20.75 19.50A 18.00
2705 2710	18.00 19.50 17.50	84.25B 79.25B 74.25B 70.75B 67.05B 62.50B 57.75B 48.25B 43.75B 40.25B 35.75 31.750B 27.25B	18.00 *14.50 *12.25 *9.75 *7.50 *5.75		15.20- 12.50- 10.00-	1550 1430	.501 .435	 2234 1401	986 -	1242 75	234.00B 112.00B 225.50B 105.25B 217.25B 98.50B 208.75B 204.75B 200.50B	14.50 12.25
2715 2720 2725	18.75 17.50 13.00	35.75 31.50B 27.25B	*7.50 *5.75		7.80- 5.90-	1310 1170 1030	.368 .302 .237	 1061 2724 2078	1130 + 7894 + 2672 +	951 263	98.50B 208.75B 204.75B	7.50 5.75
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2740 2745	8.50 6.00 4.00	16.00 12.50в 10.00	*2.00 *1.35A *.85		2.05- 1.35- .85-	595 455 335	.085 .054 .032	 4227 1564 4378	2709 - 2315 + 3245 +	410	192.50в 79.50в 184.50в	2.00 1.35A
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2800 2805 2810	0.10 0.05 0.10	.20 .10 .10	*.05 *.05 *.05		CAB CAB CAB		.000	 1074 34 92	8439 + 2035 - 3433 -	28	145.50B 59.00 138.25B	.05 .05 .05
2815 2820	0.05 0.10	.05	.05		CAB CAB			 3 61	1517 + 7589 +	1 4	42.25В 131.00В	.05 .05
2825 2830	0.05	.05	.05		CAB CAB CAB			 2 3	6463 3543 +	2	127.25B 123.75B	.05 .05 .05A
2835 2840 2845					CAB CAB			 54 1	2160 - 19195 1297	UNCH	46.25 116.75в 30.50в	.05A .05A
2850 2855	0.05	.05	.05		CAB CAB			 7 	5478 - 1547	7 UNCH	110.00в 38.00	.05 .05A
2860 2865 2870					CAB CAB CAB			 7 	1991 - 2914 1356	UNCH	103.25В 33.25 96.75В	.05 .10A .10
2875 2880	0.05	.05	*.05		CAB CAB			 10 1	3042 - 1514	10 UNCH	93.50в 90.50в	.05 .05
2885 2890 2895					CAB CAB CAB			 	3280 1918 3294	UNCH	27.00 84.25в 16.25в	.30A .10 .10
2900 2905					CAB CAB			 	3777 1164	UNCH UNCH	78.50в 20.00	.05 .05
2910 2915 2920					CAB CAB CAB			 	978 431 805	UNCH	72.75B 10.25B 67.25B	.05A .20A .15
2925 2930					CAB CAB			 	702 743	UNCH UNCH	64.75в 62.25в	.15A .15A
2935 2940					CAB CAB			 	122 81 379	UNCH	7.75B 57.25B	.15A .05
2945 2950 2955					CAB CAB CAB			 	1309 188	UNCH	4.35В 52.50В 3.90В	.15A .15 .10A
2960 2965					CAB CAB			 	1093 883	UNCH UNCH	48.00в 3.45в	.05 .10A
2970 2975 2980					CAB CAB CAB			 	387 809 624	UNCH	43.75В 41.75В 39.75В	.10A .10A .10A
2985 2990					CAB CAB			 	302 326	UNCH UNCH	2.80в 36.00в	.10A .10A .15A
2995 3000	 				CAB CAB			 	513 1892	UNCH UNCH	6.50 32.50в	.15 .10
3005 3010 3015	 				CAB CAB CAB			 	71 125 40	UNCH	5.25 29.25в 4.65	.10 .10A .10A
3020 3025					CAB CAB			 	301 1968	UNCH UNCH	26.25в 25.00в	.05A .10
3030 3035					CAB CAB			 	296 522	UNCH UNCH	23.50B 3.85 21.00B	.10 .10A
3040 3050 3060					CAB CAB CAB			 	326 157 86	UNCH	21.00B 18.75B 16.75B	.10 .05A .05A
3070 3075					CAB CAB			 	41 392	UNCH UNCH	15.00в 13.75в	.05A .10A
3080 3090 3100	 				CAB CAB CAB			 	691 82 371	UNCH	13.25B 12.00B 10.50	.10 .10A .05A
3110 3120					CAB CAB			 	207 161	UNCH UNCH	9.25в 8.25в	.05A .05A
3125 3130					CAB CAB CAB			 	22 415 296	UNCH UNCH	7.75B 7.25B 6.50B	.05A .05A
3140 3150 3160					CAB CAB			 	300 36		6.00B	.15A .05 .10A







				FIN								
PG47				E-MINI S&	P 500 CALL OF	PTIONS			Wed,	Jun 27,		PG47
3170 3175 3180	 				CAB CAB CAB			 	150 10 160	UNCH 4. UNCH 4. UNCH 4.	95B 70B 70B	.10A .05 .30
3190 3200					CAB CAB			 	172 212	UNCH 4.	30в 90в	.30 .05
3210 3225 3240					CAB CAB CAB			 	54 11 20	UNCH 3. UNCH 3. UNCH 2.	15	.15 .30A
3250 3260					CAB CAB			 	250 250 69	UNCH 2. UNCH 2.	95 55B 35B	.35A .35A .35A
3270 3330					CAB CAB			 	382 160	UNCH 2.	20в 35в	.20 .40
4000 TOTAL					CAB			 45528	5 177036 +	UNCH 8005		.25A
JUL18 1000 1775					1701.90- 928.80-	2350 2330	.999 .996	 	30 1027		0.50в	 820.00A
2275 2290		468.00B 453.25B	436.75A 422.00A 379.50A		432.30- 417.50- 378.30-	2280 2280 2250	.971 .968 .960	 	1 1	LINCH 50	7.75B 9.50B	325.25A 312.75A
2330 2350 2370		413.75B 394.00B 374.25B	360.00A 340.50A		358.80- 339.40-	2230 2230 2210	.956	 	2 1 1	UNCH 45 UNCH 44	8.00B	279.75A 263.75A 248.00A
2400 2410		345.50B 337.50B	311.25A 301.75A		310.30- 300.60- 290.90-	2180 2180	.941 .937	 	251 1	UNCH 42	9.75В 1.00В	224.75A 217.00A
2420 2425 2440	 	328.50B 324.00B 309.25B	292.00A 287.25A 272.75A		290.90- 286.10- 271.70-	2180 2180 2160	.933 .931 .924	 	1 1 2	UNCH 40	1.75B 7.25B 3.50B	209.75A 205.75A 193.50A
2450 2460		299.50в 289.75в	263.25A 253.75A		286.10- 271.70- 262.20- 252.70-	2140 2130	.920 .914	 	100 2	UNCH 38- UNCH 37	4.50B 5.50B	185.25A 177.25A
2470 2475 2490	 	279.75В 275.25В 261.00В	244.25A 239.50A 225.50A		243.30- 238.50- 224.30-	2100 2100 2080	.908 .905 .896	 	17 1 21	UNCH 36 UNCH 36 UNCH 34	6.50B 2.00B 8.75B	169.25A 165.25A 153.75A
2500 2510		251.50B 241.75B	215.75A 206.50A		215.00-	2060 2050	. 889 . 880	 	28 3	UNCH 33	9.75B 1.00B	146.25A 138.75A
2520 2525 2530	 	232.00B 227.25B	197.25A 192.75A 188.00A		196.50- 191.90- 187.30- 182.70-	2020 2000 1990	.872 .867	 	113 12 1	UNCH 32 UNCH 33 UNCH 31	8.25B	131.25A 127.50A 124.00A
2535 2540		222.75B 218.00B 213.00B	183.50A 178.50A		182.70- 178.20-	1980 1960	.863 .858 .852	 	12 13 13	UNCH 26- UNCH 30	4 75-	120.50A
2545 2550	 	213.00B 208.25B 203.50B	174.00A 169.50A		173.70- 169.10-	1950 1940	.847 .842	 	48	UNCH 25 UNCH 29	5.00B 8.25B	117.00A 113.50A 110.00A
2555 2560 2565		198.75в 194.25в 189.50в	165.00A 160.50A 156.00A		182.70- 178.20- 173.70- 169.10- 164.60- 155.60- 151.20- 146.70- 142.30- 138.00-	1930 1910 1900	.836 .830 .824	 	65 38 51	UNCH 24 UNCH 28 UNCH 23	9.75B	106.50A 103.25A 99.75A
2570 2575		185.00B 180.25B 175.50B	151.50A 147.25A 142.75A		151.20- 146.70-	1880 1860 1850	.818 .811	 	49 39	UNCH 28 UNCH 27	1.00B 6.75B	96.50A 93.25A 90.00A
2580 2585 2590	159.00 158.25	17N 75D	142.75A 138.50A 134.00A			1850 1820 1800	.805 .797 .790	 1 1	31 64 51 -	UNCH 27 UNCH 21 1 26	2.50B 6.75B 4.00B	90.00A 86.75A 83.75A
2595 2600 2605		170.73B 166.25B 161.75B 157.00B 153.25B 148.75B	129.75A 125.50A		129.40- 125.20- 121.00-	1790 1770	.782 .773	 	202 73	UNCH 20 UNCH 25	7.25B 5.75B	80.50A 77.50A
2605 2610 2615	 	153.25B 148.75B	121.25A 117.00A		116.70-	1740 1730 1710	.765 .756	 	7 140 121	UNCH 19 UNCH 24 UNCH 18	7.25B	74.50A 71.50A
2620 2625		144.25B 139.75B 135.25B	113.00A 108.75A 104.75A		112.50- 108.40- 104.20- 100.20-	1670 1660	.747 .738 .728	 	10 433	UNCH 23	5.25B	68.75A 65.75A 63.00A
2630 2635	122.00	130.75В 126.25В 121.75В	100.50A 96.50A 92.75A		100.20- 96.10- 92.20-	1620 1600	.718 .707	 1 	152 + 316	UNCH 16	1.00B 9.50B 2.75B	60.25A 57.50A 55.00A
2640 2645 2650		117.50B 113.00B	88.75A		88.30- 84.40-	1560 1530 1500	.696 .684 .672	 	75 103 616	UNCH 16	0.50B 4.50B	52.50A 50.00A
2655 2660		108.75в 104.50в	84.75A 81.00A 77.25A		80.60- 76.90-	1470 1430	. 660 . 646	 	437 229	UNCH 15 UNCH 20	3.25B 6.50B	47.50A 45.25A
2665 2670 2675		100.00в 96.00в 91.75в	73.50A 69.75A 66.25A		73.20- 69.60- 66.10-	1400 1360 1320	.633 .619 .604	 	395 153 325	UNCH 19	6.00B 8.50B 4.50B	43.00A 40.75A 38.50A
2680 2685		87.50в 83.50в	66.25A 62.75A 59.25A		62.60- 59.10-	1280 1250	. 590 . 574	 	177 187	UNCH 19 UNCH 13	0.50в 1.75в	36.50A 34.50A
2690 2695		79.25В 75.25В	55.75A 52.50A 49.00A		55.60- 52.20-	1220 1190	.558 .542	 103	106 232 704		5.00B	32.75A 30.75A
2700 2705 2710	50.25	71.50B 67.50B 63.50B 59.75B	46.00A 42.75A		48.90- 45.70- 42.60-	1150 1120 1070	.525 .507 .489	 86	339 327 +	UNCH 17- UNCH 11 11 16	8.25B 7.00B	29.00A 27.25A 25.75A
2715 2720	47.25 52.75		39.75A 36.75A		45.70- 42.60- 39.60- 36.70- 33.80- 31.10-	1020 970	.471 .452	 20 64	418 + 6617 -	20 11 1 15	1.50B 9.50B	24.00A 22.50A
2725 2730 2735	52.50 41.25 42.00	52.50 49.00B 45.50B 42.25B 39.00B 35.75B 33.00	34.00A 31.25A 28.50		28.50-	920 860 810	.432 .412 .392	 23 11 77	485 388 + 333 -	UNCH 15 3 15 10 98	5.75B 2.00B .75B	21.25A 19.75A 18.50A
2740 2745	38.25 30.00	42.25B 39.00B	26.25A 23.75A		26.10- 23.70-	760 720	.372 .351	 29 20	706 + 324 +	28 14	4 50R	17.25A 16.25A
2750 2755 2760	24.50 21.75 18.25	35.75B 33.00	20.50 19.50A 17.50		21.40- 19.20- 17.20-	670 630 580	.330 .309 .287	 146 74 253	1046 + 433 + 581 +	113 13 43 86 32 13	50R	15.25A 14.00A
2765 2770	18.75 18.75	29.75B 27.00B 24.25B	15.50A 14.00A		15.30- 13.60-	530 480	.266 .246	 302 27	774 + 771 -	177 80 8 12	0.00в .75в 3.00в	12.25A 11.25A
2775 2780 2785	14.50 14.25 9.50	21.75B 19.50B 17.25B	12.25A 10.75A 9.50		12.00- 10.60- 9.30-	440 390 340	.226 .207 .188	 331 431 112	1230 + 1685 - 510 -	29 13	9.75B 4.00B	10.25 9.75A 9.00A
2790 2795	8.25 7.75	15.25В 13.25В	*8.25 *7.00A		8.10- 7.00-	300 260	.170 .153	 720 146	1591 + 752 +	33 10 124 64	9.50B .25B	8.25 7.00A
2800 2805 2810	8.00 7.50 7.50	11.50B 10.00B 8.50B	*6.25A *5.25A *4.60A		6.10- 5.20- 4.45-	220 190 165	.137 .122 .108	 950 119 50	13024 + 682 + 1221 +	124 64 71 10 55 71 44 96	3.00B .75 .50B	6.25A 5.25A 4.60A
2815 2820	6.75 5.25	7.25B 6.00B	*3.95A *3.35A		3.80- 3.25-	140 115	.095	 22 66	737 + 1428 -	21 54 64 90	.50B .25B .25B	3.95A 3.35A
2825 2830	4.80 2.95 2.55	5.25B 4.45B	*2.90A *2.40		2.75- 2.35-	100 80	.073	 144 12 4	892 + 658 -	6 84	25R	2.90A 2.40
2835 2840 2845	2.60 2.20	3.75B 3.15B 2.65	*2.10A *1.80A *1.55A		2.00- 1.70- 1.45-	70 60 50	.055 .048 .042	 303 392	659 - 1088 + 1386 +	91 78 76 41		2.10A 1.80A 1.55A
2850 2855	1.45 1.60 1.40	2.25B 1.90B	*1.30 *1.15A *1.00A		1.25- 1.05- .90-	45 40 35	.037 .031 .027	 330 171 70	13616 + 1284 + 909	326 73 96 37 UNCH 67	.00B .50B	1.30 1.15A
2860 2865 2870	1.25 1.15	1.65 1.45 1.20в	*.90A *.75		.90- .80- .70-	30 25	.024	 130 304	780 + 1172 +	78 33 277 62	.75B .25B	1.00A .90A .75
2875 2880	1.05	1.05 .90B	*.70a *.60a		.60- .55-	25 20	.019 .017	 33	948 - 1205	26 59 UNCH 57	.75B .25B	.70a .60a
2885 2890 2895	0.65 0.70 	.80в .80 .65в	*.55A *.50A *.50A		.50- .45- .40-	20 20 20	.015 .014 .012	 1 9 	762 1133 - 579	UNCH 27 4 52 UNCH 21	. 50B . 25B	.55A .50A .50A
2900 2905	0.45	.55	.45 *.40A		.35- .35-	20 15	.011 .011	 151 22	1104 + 2186 -	60 48 6 18	.00B .75B .75B .50B	.45 .40A
2910 2915 2920			.40A *.35A *.35A		.30- .25- .25-	15 15 15	.009 .008 .007	 127	387 87 324	UNCH 43 UNCH 16 UNCH 39	.75B .50B .75B	.40 .35A .35A
2925 2930			*.30A *.30A		.25- .20-	10 15	.007 .006	 97	180 250	UNCH 37	.73B	.30A .30A
2935 2940 2945	 		*.25A		.20- .20- .15-	10 10 10	.006 .006 .004	 	563 361 294	UNCH 32	.75B .25B .25B	.30A .25A .30A
2950 2955					.15- .15-	10 10	.004 .004	 	262 166	UNCH 29 UNCH 10	.00B .00B	.30A .25
2960 2965 2970	0.25	.25 	*.20A 		.15- .15- .10-	5 5 10	.004 .004 .003	 57 	352 - 221 376	56 26 UNCH 11	.00B .00 .25B	.20A .25
2975 2980					. 10- . 10-	10 5	.003	 16	1858 - 223	16 22 UNCH 32	.00в .50	.25A .25 .25A
2985 2990					. 10- . 10-	5 5	.003 .002	 	215 666	UNCH 8. UNCH 29	50в . 50	.25A .20A .20A
2995 3000 3005					.10- .10 .10	5 UNCH UNCH	.002 .002 .002	 127	6 518 - 192	UNCH 4. 11 26 UNCH 3.	.25	.20A .15 .15
3010 3015					.05- .05-	5 5	.001 .001	 97 	740 - 10	UNCH 3. 2 15 UNCH 3.	40B	.40A .25A
3020 3025 3030	 				.05- .05- .05	5 5 UNCH	.001 .000 .000	 	147 60 129	UNCH 14	.00B .50B .00B	.15 .35A .35A
3035 3040					.05 .05	UNCH UNCH	.000	 	129 5 105	UNCH 2. UNCH 12	75в .25в	.20A .20A
3045 3050 3060	0.10	.10	*.10		.05 .05 .05	UNCH UNCH	.000	 132	4 110 -	UNCH .4 132 11	0 .25B .50B	.40 .10
3070 3075					.05 .05 .05	UNCH UNCH UNCH	.000	 	134 20 1073	UNCH 9. UNCH 9.	75B	.30A .15 .15

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Side 11

CINIAI

44					FINAL					1	
PG47	BULLETIN #123@			E-	-MINI S&P 500 CALL O	PTIONS			Wed,	Jun 27, 2018	B PG47
3080 3090					.05+ .05+	5	.000	 	256 100	UNCH 9.00B UNCH 8.25B	.15
3100 3125					.05+ .05+	5 5 5	.000	 	20 3	UNCH 7.75B UNCH 6.50B	.25A .20 .20
3130 3140					.05+ .05+ CAB	5 5 	.000	 	67 307 120	UNCH 6.25B UNCH 5.75B UNCH 5.25B	.20A .15A
3150 3175 3180					CAB CAB CAB		.000	 	172 100	UNCH 4.50B UNCH 4.30B	.20A .15A .15A
3190 3200					CAB CAB			 	122	UNCH 4.05B UNCH 2.40B	.15A .10
3210 3220					CAB CAB			 	3 10	UNCH 2.25B UNCH 2.15B	.10A .10A
3230 3240 3250					CAB CAB CAB			 	10 20 20	UNCH 2.00B UNCH 1.90B UNCH 1.80B	.10A .10A .10A
3260 3350					CAB CAB CAB			 	10 261	UNCH 1.70B UNCH 1.00B	.10A .10A .30
3360 TOTAL					CAB			 6914	1 85688 +	UNCH .65B 1642	.20
AUG18 500					2197.30-	2340	.999	 	34	UNCH	
1000 1200 1500					1699.20- 1500.00- 1201.50-	2340 2340 2330	.999 .998 .996	 	202 1 1	UNCH UNCH	
1775 2060					928.20- 646.30-	2320 2280	.991 .977	 	273 257	UNCH 990.75B UNCH 717.25B	835.75A 569.00A
2150 2200		 532.50в	511.50A		557.90- 509.20-	2260 2230	.967 .959	 	20 140	UNCH 632.25B UNCH 620.50B	440.50A 397.00A
2240 2250		493.75B 484.00B	472.75A 463.00A		470.30- 460.60-	2210 2200	.951	 	2 8 <u>1</u>	UNCH 583.00B UNCH 573.75B UNCH 564.25B	363.25A 355.00A
2260 2270 2280		474.25B 464.50B 456.50B	453.50A 443.75A 434.25A		450.90- 441.20- 431.50-	2200 2190 2190	.947 .944 .942	 	1 1 96	UNCH 564.25B UNCH 555.00B UNCH 545.75B	346.50A 338.25A 330.25A
2350 2365		396.75B 382.25B	367.25A 353.00A		431.50- 364.60- 350.50- 345.70-	2130 2100	.919	 	85 5	UNCH 481.25B UNCH 433.50B	274.25A 266.75A
2370 2380	 	377.50в 368.00в	348.25A 338.75A		345.70- 336.30-	2100 2090	.911 .907	 	5 60	UNCH 463.25B UNCH 454.25B	258.75A 251.25A
2420 2430 2440		334.00B 324.50B 315.00B	299.75A 290.50A 281.00A		336.30- 298.70- 289.50- 280.30- 271.10-	2050 2040 2020	.888 .883 .876	 	10 12 9	UNCH 418.25B UNCH 409.25B UNCH 400.25B	221.25A 213.25A 205.25A
2450 2460		305.50В 296.00В	271.75A 262.75A		/h/ - UU-	2010 1990	.870 .863	 	9 13	UNCH 391.50B UNCH 382.75B	197.25A 189.50A
2465 2475		291.50в 282.00в	258.00A 248.50A		257.40- 248.30-	1980 1960	.860 .853	 	75 10	UNCH 337.00B UNCH 369.50B	185.50A 178.00A
2480 2485	 	277.25B 272.75B	244.00A 239.50A 235.00A		243.80- 239.30- 234.80-	1950 1940 1930	.849 .845 .841	 	10 1 11	UNCH 365.00B UNCH 318.00B UNCH 356.25B	174.25A 170.50A
2490 2500 2505		268.25B 258.75B 254.50B	226.00A 221.75A		225.80- 221.40-	1910 1890	.833	 	342 3	UNCH 350.00B	166.75A 159.25A 155.50A
2510 2520		249.50B 240.25B	217.25A 208.50A		217.00- 208.10-	1880 1860	.824	 	17 10	UNCH 341.50B UNCH 332.75B	152.00A 144.75A
2525 2530		235.75B 231.50B	204.00A 199.75A 195.25A		203.70- 199.30-	1850 1840	.810 .806	 	16 1	UNCH 324.25B	141.25A 137.75A
2535 2540 2545	 194.00	226.75B 223.25B 218.75B	195.25A 191.00A 186.75A		194.90- 190.60- 186.30+	1830 1810 NEW	.801 .795 .790	 1	1 13 1 +	UNCH 270.75B UNCH 315.75B 1 261.50B	134.25A 130.75A 127.25A
2550 2560		214.25B 205.00B	182.25A 173.75A		182.00- 173.50-	1780 1750	.784 .773	 	13 T	UNCH 315.75B 1 261.50B UNCH 307.25B UNCH 298.75B	123.75A 117.25A
2565 2570		200.75B 196.25B 191.75B	169.50A 165.50A 161.25A		169.30- 165.10-	1730 1720	.766 .760	 	26 3	UNCH 290.25B	113.75A 110.50A
2575 2580	 160.00	187.25B	157.00A		161.00- 156.80-	1690 1680	.754 .747	 	13 2	UNCH 286.00B UNCH 281.75B	107.25A 104.00A
2585 2590 2595	160.00	182.75B 178.50B 174.00B	153.00A 148.75A 144.75A		152.70- 148.60- 144.50-	1660 1640 1630	.740 .733 .727	 3 	110 16 24	UNCH 281.75B UNCH 224.50B UNCH 273.50B UNCH 215.50B	101.00A 97.75A 94.50A
2600 2605		169.75B 165.25B	140.75A 136.75A		140.40- 136.30-	1610 1600	.719 .712	 	184 17	UNCH 206.50B	91.50A 88.50A
2615 2620		156.75B 152.50B	128.75A 124.75A		128.30- 124.40-	1560 1540	. 696 . 688	 	63 2	UNCH 197.50B UNCH 249.50B	82.75A 79.75A
2625 2630 2635		152.50B 148.25B 144.00B 139.75B	120.75A 116.75A 113.00A		120.40- 116.50- 112.70-	1520 1500 1480	.680 .671 .662	 	188 68 7	UNCH 245.25B UNCH 241.25B UNCH 179.75B	82.75A 79.75A 77.00A 74.25A 71.50A 68.75A
2640 2645	122.25	135.50B 131.25B 127.25B 123.25B	109.25A 105.50A		108.90- 105.10- 101.30- 97.60-	1450 1430	.653	 1	6 7 +	UNCH 249.50B UNCH 245.25B UNCH 241.25B UNCH 179.75B UNCH 233.25B 1 172.50B UNCH 225.25B UNCH 165.25B UNCH 165.25B	hh . 00A
2650 2655	118.25	127.25B 123.25B	101.75A 98.00A		101.30- 97.60-	1410 1390	.634 .625	 1	102 23	UNCH 225.25B UNCH 165.25B	63.50A 60.75A
2660 2665		119.00B 115.00B	94.50A 90.75A		94.00- 90.30-	1360 1350	.615 .604	 	49 40	UNCH 158.00B	58.50A 56.00A
2670 2675 2680	 	111.00B 107.25B	87.25A 83.50A 80.25A		86.80- 83.30- 79.80-	1320 1290 1270	.593 .582 .571	 	48 120 33	UNCH 209.50B UNCH 205.50B UNCH 201.50B	53.50A 51.25A 49.00A
2685 2690		99.25B 95.50B	76.75A		76.50- 76.50- 73.10- 69.80-	1230 1210	.560	 	231 123	UNCH 144.25B UNCH 193.75B 24 137.25B	46.75A
2695 2700	74.75 	91.75B 88.00B	73.25A 70.00A 66.75A 63.50A		66.60-	1180 1150	.536 .524	 35 9	203 + 469	UNCH 186.25B	44.75A 42.50A 40.50A
2705 2710	64.75 	84.25B 80.50B	63.50A 60.25A		63.40- 60.20-	1120 1100	.511	 24 78	24 + 149 +	/8 178.75B	38.50A 36.75A
2715 2720 2725	 57.25	77.00B 73.50B 70.00B	63.304 60.25A 57.25A 54.25A 51.25A 48.50A 45.75A 42.75 40.25A 37.75A 33.25A		57.10- 54.10- 51.10- 48.20-	1080 1050 1020	.485 .471 .457	 55 19 20	206 + 199 197 +	UNCH 171.25B	35.00A 33.25A 31.25A
2730 2735	56.00	66.50B 63.25B	48.50A 45.75A		48.20- 45.40-	980 940	.443 .429	 12 175	159 + 241 +	19 167.50B 12 163.75B 49 111.25B	29.75A 28.25A
2740 2745	56.50 50.00	59.75в 56.50в	42.75 40.25A		45.40- 42.70- 40.10- 37.60- 35.10- 32.70-	900 860	.415 .400	 79 85	83 + 670 +	11 156.50B 85 105.25B	26.75A 25.25A
2750 2755 2760	46.75 49.50 41.00	53.50B 50.50B	37.75A 35.25A		37.60- 35.10- 32.70-	820 790 750	.385 .370 .355	 88 172 144	632 + 387 + 605 +	44 149.50B 51 99.00B 68 142.25B	23.75A 22.50A 21.00A
2765 2770	43.00 40.00	44.50B 41.50B	30.50 28.50A		30.40- 28.20-	720 680	.340 .325	 145 70	313 + 164 +	54 93.25B 56 135.50B	19.75A 18.75A
2775 2780	37.50 35.25	38.75B 36.25B	30.50 28.50A 26.25A 24.25A 22.00		26.00- 23.90-	650 630	.309 .293 .278	 55 26	387 + 300 + 544 +	17 132.00B 6 128.75B	17.50A 16.50A
2785 2790 2795	29.75 28.25 27.75	33.50B 31.00B	22.00 20.50A		22.00- 20.10-	590 560	. 262	 53 57	173 +	42 82.00B 41 122.00B 5 76.50B	15.50A 14.50A
2795 2800 2805	27.75 18.75 23.75	26.25B 24.25R	20.50A 18.75A 17.00A 15.50A		32.70- 30.40- 28.20- 26.00- 23.90- 22.00- 18.40- 16.80- 15.20-	520 480 450	.247 .232 .217	 45 109 140	160 + 658 - 179 +	5 76.50B 84 115.50B 77 71.25B	31.25A 29.75A 28.25A 26.75A 25.25A 22.50A 21.00A 19.75A 18.75A 17.50A 16.50A 14.50A 12.75A 12.75A
2810 2815	21.00 13.50	103.25B 99.25B 99.25B 99.25B 95.50B 91.75B 88.00B 84.25B 80.50B 77.00B 73.50B 70.00B 66.50B 59.75B 56.50B 59.75B 56.50B 53.50B 53.50B 44.50B 44.50B 38.75B 36.25B 31.00B 44.50B 31.00B 31.00B 31.00B 31.00B 31.00B 31.00B 31.00B				410 370	.203 .189	 121 113	379 + 315 +	108 109.00B 36 66.25B	11.00A 10.50A
2820 2825	12.00 11.00	18.25B 16.50B	12.75A 11.50A 10.25A 9.25A 8.25A		12.50- 11.30- 10.20- 9.20- 8.20-	340 310	.176 .163	 263 306	12563 + 694 -	1 102.75B 292 99.75B	9.75A 9.00A
2830 2835 2840	10.00 11.75 8.00	13.00B 13.50B 12.00P	9.25A 8.25A 7.50A		9.20- 8.20- 7.40-	270 250 220	.151 .139 .128	 34 8 17	696 + 500 - 279 -	2 97.00B 4 62.75 17 91.00B	8.50A 8.00A 7.50A
2845 2850	10.50 6.75	9.50	7.50A *6.75A *6.00A		6.60- 5.90-	200 200 180	.128 .117 .108	 21 613	508 - 760 -	17 91.00B 1 52.25B 9 85.25B	7.50A 6.75A 6.00A
2855 2860	7.25 5.50	8.50B 7.75B 6.75B 6.00B	*5.50A *4.75A		5.20- 4.65-	170 155	.097 .089	 77 68	405 - 324 -	65 48.00B 58 79.75B	5.50A 4.75A
2865 2870	6.00 4.45	6.75B 6.00B	*4.25A *3.65A		4.15- 3.65-	135 130	.081 .073	 14 50	682 + 12554	14 44.00B UNCH 74.50B	4.25A 3.65A
2875 2880 2885	3.95 3.75 3.40	5.25B 4.85B 4.35B	*3.40A *3.05A *2.70A		3.25- 2.90- 2.60-	120 105 95	.066 .060 .055	 60 3 4	714 - 605 757 -	60 71.75B UNCH 69.25B 2 36.75B	3.40A 3.05A 2.70A
2890 2895	2.95 3.05	3.85B 3.45B	*2.45A *2.20A		2.35- 2.10-	85 75	.050 .046	 26 10	379 + 382 +	24 64 25B	2.45A 2.20A
2900 2905	2.35	3.05B 2.75B	*2.00A *1.80A		1.90- 1.70-	65 60	.042	 201	695 - 757	160 59.50B UNCH 30.25B	2.00A 1.80A
2910 2915	2.00 2.00	2.45B 2.20B 2.00	*1 65A		1.55- 1.40- 1.25-	55 50 45	.035 .032 .029	 <u>-</u> 8	296 + 344 344 -	3 55.00B UNCH 24.25B 2 50.50B	1.65A 1.50A 1.35A
2920 2925 2930	2.00	2.00 1.80B 1.65B	*1.50A *1.35A *1.25A *1.15A		1.25- 1.15- 1.05-	45 40 40	.029 .026 .024	 3	1095 813 +	UNCH 48.50B 3 46.50B	1.35A 1.25A 1.15A
2935		1.50B 1.35B	*1.05A *.95A		.95- .85-	35 35	.022	 	300 145	UNCH 19.25B UNCH 42.50B	1.05A .95A
2940 2945 2950	1.00	1.25B 1.15B	*.90A *.80A *.75A		.75- .70-	35 30	.018 .017	 133 2 1	533 + 787	131 18.75 UNCH 38.75B	.90A .80A
2955 2960	0.85 0.95 	1.05В .95	*.70A		.65- .60-	30 25	.015	 100	467 - 139	UNCH 35.25B	.75A .70A
2965 2970 2975		.85B .80B .75B	*.65A *.65A *.60A		. 55- . 50- . 45-	25 25 25	.013 .012 .011	 	261 210 551	UNCH 32.00B UNCH 30.50B	.65A .65A .60A
2980 2985		.70в .65в	*.55A *.50A		.40- .40-	25 20	.010 .009	 	351 336	UNCH 29.00B UNCH 7.25B	.55A .50A
2990	FORMATION CONTAINED IN THE	.60B	*.50A		.35-	20	.008	 	440	UNCH 26.25B	.50A

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2995 3000 3005 3010 3015 3020 3025 3030	 	.55B .45B 	*.45A *.45A *.40A *.35A 	 .35- .30- .30- .25- .25- .25-	15 20 15 10 15 15 10	.008007007006006006		5 597 52 455 512 190 537	UNCH 6.50B UNCH 23.50 UNCH 5.75B UNCH 21.25B UNCH 5.25B UNCH 19.00B UNCH 18.00B	.45A .45A .40A .55A .45A .35A .40A
3035 3040 3045 3050 3060 3070	0.30	.30	*.30	 .25- .20- .20- .20- .20- .15-	10 10 10 10 5 10	.005 .004 .004 .004 .003	100 	157 542 100 142 + 100 184	UNCH 4.30B UNCH 15.25B UNCH 1.30B 24 13.50B UNCH 12.25B UNCH 10.75B UNCH 10.75B UNCH 10.25B	.45A .35A .40A .30 .35A
3075 3080 3090 3100 3120 3125	 		 	 .15- .15- .10- .10- .10- .10	10 5 5 5 5 UNCH UNCH	.003 .003 .002 .002 .002	2	62 460 130 360 7 212 1050	UNCH 10.25B UNCH 9.75B UNCH 8.75B UNCH 7.75B UNCH 6.25B UNCH 6.00B UNCH 5.75B	.25A .30 .30A .30A .25A .25A
3130 3140 3150 3160 3170 3175 3200	 		 	 . 10 .10 .05 .05 .05 .05	UNCH UNCH UNCH UNCH UNCH UNCH	.002 .001 .000 .000 .000		75 551 50 10 117	UNCH 5.00B UNCH 4.70B UNCH 4.30B UNCH 3.90B UNCH 3.75B UNCH 3.00B	.23A .20A .20A .25A .25A .25A
3210 3250 3270 3275 3280 3290	 	 	 	 CAB CAB CAB CAB CAB	UNCH 	.000 .000 .000 .000 .000		229 2 160 156 60 200	UNCH 2.80B UNCH 2.00B UNCH 1.75B UNCH 1.70B UNCH 1.65B UNCH 1.55B	.207 1.15A .20A .15A .20A .20A
3325 4000 TOTAL SEP18	====			 CAB CAB		.000	 4064	1 1 60295 +	UNCH 1.25B UNCH 411	.55
500 1300 1800 1900 1925	 			 2197.20- 1401.60- 906.00- 807.40- 782.80-	2360 2370 2330 2310 2310	.999 .997 .987 .982	 350	560 1 50 25 605 +	UNCH UNCH UNCH 968.50B UNCH 869.75B 350 845.25B	 748.25A
1950 1975 1980 1990 2000 2050	 			 758.30- 733.80- 728.90- 719.10- 709.30- 660.40-	2300 2300 2300 2290 2290 2280	.978 .976 .976 .975 .974		10 42 25 1 149 4010	UNCH 820.50B UNCH 795.75B UNCH 791.00B UNCH 781.00B UNCH 781.00B UNCH 722.25B UNCH 646.00	700.75A 696.00A 686.50A 677.00A 630.00A
2130 2170 2200 2320 2340 2350	===== ===== ===== =====	542.25B 433.00B 413.75B 404.75B	520.50A 403.50A 385.00A 375.75A	 582.70- 544.10- 515.20- 401.40- 382.80- 373.50- 355.00-	2240 2220 2210 2090 2070 2060	.957 .950 .943 .907 .899		5 4 2 5 5	UNCH 646.00 UNCH 604.75B UNCH 575.50B UNCH 483.75B UNCH 464.75B UNCH 455.00B	555.50A 432.75A 421.25A 315.50A 298.75A 290.25A
2370 2375 2380 2500 2540 2570	 	385.25B 380.50B 376.00B 271.00B 235.25B 209.25B	375.75A 357.00A 352.50A 348.00A 239.00A 205.00A 180.50A	 355.00- 350.40- 345.80- 238.70- 204.60- 179.80-	2040 2030 2030 1780 1710 1630	.886 .883 .881 .802 .765		5 5 5 560 1 1	UNCH 436.00B UNCH 431.25B UNCH 426.50B UNCH 314.00B UNCH 277.25B UNCH 250.25B	273.50A 269.50A 265.25A 171.75A 143.50A 123.50A
2575 2580 2600 2620 2625	 153.75	205.00B 200.75B 183.75B 167.25B 163.00B	176.25A 172.25A 156.50A 140.75A 137.25A	 175.80- 171.70- 155.80- 140.30- 136.50-	1610 1600 1540 1470 1450	.727 .721 .695 .668 .660	 15 350	25 32 54 14 + 1183 +	UNCH 245.75B UNCH 241.25B UNCH 223.50B 13 206.00B 350 201.75B	120.25A 117.00A 104.50A 92.75A 89.75A
2630 2650 2660 2670 2675 2680	 103.50	159.00B 143.00B 135.00B 127.25B 123.50B 119.75B	133.25A 118.50A 111.25A 104.25A 100.75A 97.50A	 132.80- 118.00- 110.80- 103.70- 100.30- 96.80-	1430 1360 1320 1290 1260 1250	.653 .621 .605 .587 .578	 23	107 5 190 59 230 +	UNCH 197.25B UNCH 180.50B UNCH 172.00B UNCH 163.75B 23 159.50B UNCH 155.50B	87.00A 75.75A 70.75A 65.50A 63.25A 60.50A
2690 2700 2710 2715 2720 2725	 74.75 	112.25B 104.75B 97.75B 94.25B 90.75B 87.25B	90.75A 84.00A 77.50A 74.50A 71.50A 68.25A	 90.10- 90.10- 83.50- 77.20- 74.10- 71.00- 68.10- 62.20- 59.30-	1200 1160 1100 1070 1040 1000	.550 .530 .510 .499 .489 .478	20	205 61 31 30 + 10 105	UNCH 147.25B UNCH 139.50B UNCH 131.50B 20 127.50B UNCH 123.75B UNCH 120.00B	56.00A 51.75A 47.50A 45.50A 43.50A 41.50
2730 2735 2740 2745 2750	 	84.00B 80.50B 77.25B 74.00B 70.75B	65.50A 62.50A 59.50A 56.75A 54.00A	 65.10 62.20 59.30 56.40 53.70 51.00+ 48.40- 43.40-	970 940 920 900 870	.467 .456 .444 .433 .421		162 30 79 28 4188	UNCH 116.00B UNCH 112.50B UNCH 108.75B UNCH 105.00B UNCH 101.25B 50 86.75B	39.75A 38.00A 36.25A 34.50A 32.75A 51.50A 29.75A 26.75A
2755 2760 2770 2775 2780 2785	61.75 41.25 39.00 44.75	112.25B 104.75B 97.75B 94.25B 80.75B 87.25B 84.00B 80.50B 77.25B 67.75B 64.50B 58.50B 55.50B 55.50B 52.75B 64.50B 54.00B 52.75B 54.00B	*51.50A 48.75A 43.75A 41.25 39.00 36.75A	 41.00- 38.60- 36.30-	NEW 820 760 730 720 700	.409 .397 .373 .361 .348	50 3 3 3	50 + 77 180 82 - 59 24 +	WNCH 94.25B UNCH 87.50B 3 84.00B UNCH 80.75B 3 77.50B 20 74.25B UNCH 71.00B	24.00A 32.75A
2790 2795 2800 2810 2815 2820	44.50 37.00 28.50	34.75B	34.50A 32.50A 30.25A 26.50A 24.75A 23.00A	 34.10- 31.90- 29.90- 26.10- 24.30- 22.60-	680 660 620 550 520 480	.323 .310 .298 .273 .260 .248	20 32 1	254 + 334 229 + 170 193 489 +	UNCH 62.00B	21.50A 28.75A 19.25A 17.25A 16.25A 15.25A
2825 2830 2835 2840 2845	24.00 24.50 19.50 18.25	30.25B 28.25B 26.25B 24.25B 22.50B	21.25A 19.75A *18.25A 16.75A 15.50A	 21.00- 19.50- 18.00+ 16.60- 15.30-	450 420 NEW 360 340	.236 .225 .213 .201 .190	20 1 1 1	553 149 1 + 211 104 +	1 56.25B UNCH 53.50B UNCH 50.75B 1 41.75B UNCH 45.50B 1 43.00B UNCH 40.75B	14.50A 13.50A 18.25A 12.00A 14.50A
2850 2855 2860 2865 2870 2875	16.75 12.25 10.25 10.00	19.25B 17.50B 16.25B 14.75B 13.75	14.25A *13.25A 12.00A *11.00A 10.25 9.25A	 14.10- 12.90- 11.90- 10.80- 9.90- 9.00-	310 290 260 250 230 210	.168 .158 .147 .138 .129	2 6 10 11	227 36 + 155 100 72 - 172 +	2 32.75B UNCH 36.75B UNCH 28.75B 3 33.75B 1 32.25B	10.75A 13.25A 9.50A 11.00A 8.50A 8.00A
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2905 2910 2915 2920 2925 2930 2935	5.25	7.00B 6.25B 5.75B 5.25 4.75B 4.35B	*4.85A *4.40A *4.00A *3.70A *3.35A *3.10A	 4.65- 4.25- 3.85- 3.55- 3.25- 2.95-	125 115 105 90 80 75	.076 .071 .065 .061 .056	1 3 	223 110 - 212 200 57 21	UNCH 23.73B UNCH 23.50B 1 17.25B UNCH 21.25B UNCH 20.25B UNCH 19.25B UNCH 7.75	4.85A 4.40A 4.00A 3.70A 3.35A 3.10A
2940 2950 2960 2970 2975	 	3.95B 3.30B 2.75B 2.30B 2.15B	*2.85A *2.45A *2.05A *1.80A *1.60A	 2.70- 2.30- 1.95- 1.65- 1.50-	65 50 45 40 40	.048 .042 .036 .031 .028		228 51 673 713 138	UNCH 17.50B UNCH 15.75B UNCH 14.25B UNCH 12.75B UNCH 12.25B	2.85A 2.45A
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3025 3030 3035 3050 3060	 	1.10B 1.00B .95B .90B .75B	*.85A *.80A *.75A *.65A *.60A	 .75- .70- .65- .55- .50-	20 20 20 15 15	.015 .014 .013 .011 .010		120 78 100	UNCH 7.00B UNCH 6.75B UNCH 2.15B UNCH 5.50B UNCH 4.90B	.85A .80A .75A .65A .60A
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3110 3120 3125 3130 3140 3150	 		 	 .35- .30- .30- .25- .25- .20-	5 5 10 5 10	.006 .005 .005 .005 .004		156 59 152 177 375 107	UNCH 2.80B UNCH 2.55B UNCH 2.40B UNCH 2.25B UNCH 2.05B UNCH 1.80B	.40A .50A .45A .45A .40A

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3175 3210 3230 3400 4000 TOTAL	BULLETIN #123@	 		 MINI S&P 500 CALL OF .151005-	5 5 5 	.003 .002 .001 .000	 998	5 12 5 1 100 23095 +	UNCH 1.40B UNCH .95B UNCH .75B UNCH UNCH 862	.35A .25A .25A
OCT18 1500 1775 2475 2600 26600 26700 2710 2720 2730 2730 2735 2745 2755 27600 2775 2785 2785 2790 2815 28800 2815 28800 2815 28800 2815 28800 2815 2825 28300 2815 2825 28300 2815 2825 28300 2815 2825 28300 2815 2825 28300 2815 2825 28300 2815 2825 28300 2815 2825 28300 2815 2825 28300 2815 2826 28705 287	73.00 73.00	302.00B 258.50B 195.75B 156.25B 148.50B 141.00B 133.50B 119.25B 119.25B 119.25B 119.25B 105.25B 105.25B 98.50B 98.50B 99.50B 99.50B 89.00B 85.50B 79.50B 87.50B 87.50B 87.50B 84.75B 64.75B 62.00B 59.25B 56.50B 44.75B 62.00B 59.50B 64.75B 62.00B 59.25B 59.25B 50.50B 64.75B 62.00B 59.50B 64.75B 62.00B 59.25B 50.50B 64.75B 66.50B 67.50B 68.50B 69.50B 6	271. 00A 229. 25A 169. 75A 132. 75A 132. 75A 1125. 75A 112. 00A 28. 75A 92. 50A 89. 25A 88. 30A 88. 50A 89. 75A 81. 50A 81. 50A 81. 55A 81. 55A 81. 55A 83. 25A 83. 25A 83. 25A 83. 25A 83. 25A 84. 95A 85. 75A 86. 75A 88. 50A	1201. 30- 930. 20- 270. 880- 229. 000- 169. 440- 132. 200- 125. 110- 118. 130- 1104. 70- 98. 30- 92. 000- 88. 990- 82. 880- 79. 880- 76. 880- 73. 990- 71. 10- 68. 200- 65. 500- 62. 880- 57. 600- 55. 10	2350 2310 1730 1620 1430 1280 1280 1180 1080 1030 1020 970 970 970 970 970 970 970 970 970 97	.994 .984 .753 .674 .609 .594 .573 .513 .505 .496 .487 .477 .468 .449 .430 .420 .379 .359 .359 .359 .359 .359 .317 .306 .295 .285 .273 .213 .213 .213 .213 .213 .213 .213 .21	20 200 200 400	1 32 1 34 4 + 448 3 21 + 23 + 92 + 23 + 216 6 10 49 279 12 29 6 123 100 29 143 154 184 43 97 46 1458 284 49 81 2278 11 156 49 278 11 156 49 278 11 156 49 21 264 21 17 11 143 52 250 104 312 246 317 80 181 450 180 181 8305 +	UNCH 29.1758 UNCH 298.758 UNCH 191.758 UNCH 191.758 UNCH 191.758 20 160.008 40 152.258 UNCH 144.508 UNCH 144.508 UNCH 129.758 UNCH 129.758 UNCH 129.758 UNCH 129.758 UNCH 129.758 UNCH 101.758 UNCH 101.758 UNCH 101.758 UNCH 101.758 UNCH 101.758 UNCH 29.008 UNCH 73.258 UNCH 74.258 UNCH 75.008 UNCH 44.758 UNCH 47.508 UNCH 17.508 UNC	164, 50A 81, 75A 87, 00A 81, 75A 76, 50A 71, 50A 62, 00A 57, 75A 62, 00A 53, 50A 53, 50A 49, 50A 49, 50A 42, 75A 42, 75A 42, 00A 66, 00A 38, 50A
NOVALE NOVAL NOVALE NOVAL	292.50 288.25 106.00	483.75B 296.00B 291.75B 287.50B 245.50B 1247.50B 117.25B 110.00B 94.50B 85.50B 882.50B 885.50B 882.50B 860.25B 60.25B 57.75B 68.25B 63.00B 648.25B 43.75B 63.50B 63.50B 63.50B 63.50B 64.25B 65.25B 66.25B 67.75B 68.25B 68.25B 68.25B 69.25B 69.50B 69.25B 69.50B 69.25B 69.50B 69.25B 69.50B 69.25B 69.50B 69.25B 69	*449.50A *266.75A *266.75A *266.75A *266.75A *266.75A *268.50A *218.50A *398.00A *98.00A *83.25A *77.50A *69.50A *66.75A *64.25A *64.25A *44.75A *45.50A *44.25A *47.50A *45.50A *47.50A *41.25A *37.25A *41.25A *37.25A *31.75A *31.25A *31.75A *31.75A *31.75A *31.75A *31.75A *31.75A *31.75A *31.25A *31.75A *31.75A *31.75A *31.75A *31.75A *31.75A *31.75A *31.25A *31.75A *31.25A	2189.20- 449.40- 266.40+ 262.30+ 258.20- 218.00- 107.00- 97.70- 94.70+ 82.90- 77.20- 71.80- 69.10- 66.50- 63.90- 61.40- 58.90- 54.00+ 49.40- 47.20+ 45.10- 43.30- 31.60- 29.90- 28.30- 26.70- 25.20- 21.00- 19.70- 18.50- 17.40- 16.30- 15.30- 14.30- 14.30- 14.30- 15.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 16.30- 17.40- 18.50- 11.70- 10.90- 10.10- 9.40- 8.20- 7.60- 7.60- 7.10- 6.60- 6.20- 5.40- 4.70- 4.15- 3.65- 3.20- 2.55- 1.145- 3.65- 3.20- 2.55- 1.145- 3.66- 6.5- 6.5-	2360 1980 NEW NEW 1640 1550 1110 1050 NEW 930 850 850 850 8770 NEW 630 NEW NEW 1020 490 370 350 3310 290 250 230 220 200 190 150 150 150 150 150 150 150 1750 NEW	.999 .885 .766 .762 .758 .758 .759 .442 .459 .442 .416 .338 .380 .361 .342 .333 .324 .315 .305 .296 .286 .277 .268 .249 .240 .171 .166 .187 .171 .168 .111 .114 .114 .114 .115 .087 .087 .087 .087 .087 .087 .087 .087	112 20 20 1 1 1 1 1 1 1 1 1 1 1 1	8305 + 50 20 + 51 20 + 52 966 11 + 11 2	UNCH UNCH 528.258 20 336.258 20 336.258 20 320.258 UNCH 327.508 UNCH 1827.508 UNCH 148.758 UNCH 113.008 UNCH 113.008 UNCH 106.758 UNCH 103.258 UNCH 103.258 UNCH 103.258 UNCH 103.258 UNCH 103.258 UNCH 87.758 UNCH 87.758 UNCH 87.758 UNCH 87.758 UNCH 67.258 UNCH 49.758 UNCH 49.758 UNCH 49.758 UNCH 49.758 UNCH 49.758 UNCH 33.008 UNCH 34.758 UNCH 32.258 UNCH 35.558 UNCH 40.258 UNCH 35.758 UNCH 40.258 UNCH 40.008 UNCH 40.00	262.50A 258.50A 218.50A 107.50A 98.00A 95.00A 83.25A 77.50A 72.00A 69.50A 66.75A 64.25A 61.75A

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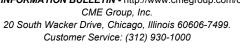
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FINAL

Wed, Jun 27, 2018 PG47 BULLETIN #123@ E-MINI S&P 500 CALL OPTIONS

E-MINI S	&P 500 FIXING PRICE	(ESF): Sep19	2702.24	ADDITI	ONAL E-MINI S&P CALLS					
STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	CONTRACT HIGH LOW
EOW3 MINI JUL18 1000	EOW3 MINI S&P C				1702.90- 23.35	1.000			94 UNCH	
2150 2300 2400			412.00A 313.75A		1702.90- 23.35 555.30- 23.30 406.50- 23.00 308.00- 22.60 269.00- 22.20	.989 .978 .959			1 UNCH 43 UNCH 2 UNCH	590.25B 470.75A 482.25B 300.75A 394.50B 220.75A
2440 2450 2470		 262.25в	274.75A 265.50A 246.25A		259.30- 22.20	.947 .942 .934			125 UNCH 151 UNCH 2 UNCH	358.50B 189.00A 350.00B 180.75A 335.25B 164.75A
2490 2495 2500		249.25B 246.75B 249.00B	227.00A 222.25A 212.50A		240.00- 21.90 220.90- 21.60 216.10- 21.60 211.30- 21.50 206.50- 21.50 201.80- 21.40 197.00- 21.30 192.30- 21.20 187.60- 21.10 182.90- 21.10 178.30- 20.90	.923 .920 .916			43 UNCH 1 UNCH 109 UNCH	326.50B 149.00A
2505 2510		243.75B 239.25B	207.75A 203.00A		206.50- 21.50 201.80- 21.40	.913 .910			1 UNCH 4 UNCH	337.25B 141.25A 290.25B 137.50A 328.50B 133.75A
2515 2520 2525		234.00B 229.50B 224.25B 219.50B	198.25A 193.50A 188.75A		197.00- 21.30 192.30- 21.20 187.60- 21.10	.906 .902 .898			1 UNCH 25 UNCH 2 UNCH	280.25B 130.00A 319.50B 126.25A 315.00B 122.50A 310.75B 119.00A
2530 2535		214.50B	188.75A 184.00A 179.50A		187.60- 21.10 182.90- 21.10 178.30- 20.90	.894 .889			31 UNCH 30 UNCH	310.75B 119.00A 261.50B 115.25A 301.75B 111.75A
2540 2550 2555		210.00B 200.50B 196.00B	174.75A 165.25A 160.75A		164 40- 20.50	.885 .875 .869			30 UNCH 218 UNCH 73 UNCH	301.75B 111.75A 295.50B 104.75A 243.50B 101.25A 286.75B 98.00A
2560 2565		191.00B 186.25B	156.00A 151.50A		155.20- 20.20 150.60- 20.10	.863 .857			28 UNCH 7 UNCH	233.75B 94.50A
2570 2575 2580	147.25 150.25	181.50B 176.50B 171.75B	146.50A 142.00A 137.50A		146.10- 19.90 141.60- 19.70 137.20- 19.50	.851 .844 .837		1 3	18 UNCH 105 - 1 33 - 1	278.25B 91.25A 273.75B 88.00A 269.50B 84.75A
2585 2590 2595	140.25 131.75	167.25B 162.50B 157.75B	133.00A 128.50A 123.50		132.70- 19.30 128.30- 19.00 123.90- 18.80	.829 .822 .814		 3	4 + 1 65 UNCH 106 + 3	214.50B 81.75A 261.00B 78.50A 204.75B 75.50A
2600 2605	131.73 137.50 125.25	153.25В 148.50В	119.75A 115.50A		119.50- 18.60 115.20- 18.40	. 805 . 797		3 2	76 UNCH 53 + 1	252.50B 72.50A 195.25B 69.50A
2610 2615 2620	116.75 128.00	144.00B 139.25B 134.50B	111.25A 107.00A 102.75A		110.90- 18.10 106.60- 17.90 102.40- 17.70	.787 .778 .768		1 1	181 UNCH 89 UNCH 451 UNCH	244.00B 66.50A 185.75B 63.75A 235.50B 61.00A
2625 2630	124.50 119.00	130.00B 126.00B	98.00 94.50A		98.20- 17.50 94.10- 17.20	.757 .746		2 4	153 + 1 365 UNCH	231.25B 58.00A 227.75B 55.25A
2635 2640 2645	95.50 112.25 82.25	121.75B 117.25B 112.75B	90.25 86.25A 82.25		90.00- 16.90 85.90- 16.70 82.00- 16.30	.734 .722 .709		3 3 1	506 - 1 547 - 1 148 + 1	166.50B 52.75A 219.25B 50.25A 157.00B 47.75A
2650 2655	85.50 101.75	112.75B 108.25B 103.75B	82.25 78.25A 74.50A		78.00- 16.10 74.20- 15.70	.695 .682		1 2	1477 + 1 197 + 1	211.00B 45.25A 149.00B 43.00A
2660 2665 2670	95.75 86.75 	99.50B 95.00B 90.75B 86.50B 82.25B 78.00B 74.00B	70.75A 67.00A 63.25A		70.40- 15.30 66.60- 15.00 63.00- 14.50	.667 .651 .636		1 11 	535 UNCH 520 – 1 442 UNCH	203.00B 40.75A 141.75B 38.50A 194.75B 36.50A
2675 2680	84.50 78.00	86.50B 82.25B	59.50A 56.00A		59.30- 14.20 55.80- 13.70	.619 .602 .584		4 1 	706 UNCH 836 UNCH	190.75B 34.50A 186.75B 32.50A 127.50B 30.50A
2685 2690 2695	54.50 64.25	74.00B 74.00B 69.75B	52.50A 49.25A 46.00A		48.90- 12.80 45.60 12.20	. 566 . 547		20 3	845 - 20 339 - 3	178.75B 28.75A 120.50B 27.00A
2700 2705 2710	50.50 42.50 42.25	74.008 69.75B 65.75B 61.75B 58.00B 54.00B 50.25B 46.75B 43.00B 39.50B 36.25B 33.00	42.50A 39.50A 36.25		42.30 - 11.90 39.10 - 11.50 36.10 - 10.90 33.10 - 10.40 30.30 - 9.80 27.60 - 9.20	.527 .506 .485		133 18 211	2479 + 8 886 + 2 2278 + 30	171.00B 25.25A 113.75B 23.75A 163.25B 22.25A
2715 2720	39.00 34.25	54.00B 50.25B	33.50A 30.50A 27.75		33.10- 10.40 30.30- 9.80 27.60- 9.20	.463 .441		140 238	479 - 70 1505 - 69	107.25B 20.75A 155.50B 19.25A
2725 2730 2735	39.00 26.00 31.75	46.75B 43.00B 39.50B	27.75 24.75 22.75A		27.60- 9.20 25.00- 8.70 22.60- 8.00	.418 .394 .371		436 740 448	2575 - 76 1830 + 198 6170 + 53	151.75B 18.00A 148.00B 16.75A 94.50B 15.50A
2740 2745	20.50 21.00	36.25B 33.00	19.75 18.25A		20.30- 7.40 18.10- 6.80	.347 .323		627 433	2436 + 327 2423 + 21	140.50B 14.50A 88.25B 13.50A
2750 2755 2760	22.50 17.25 17.50	30.00B 27.00B 24.00	16.00 14.25A 12.50		16.10- 6.10 14.20- 5.60 12.40- 5.10	.299 .275 .251		775 250 732	3254 + 49 2800 - 19 3506 + 235	133.25B 12.50A 82.25B 11.50A 126.00B 10.50
2765 2770	15.25 10.00	21.50B 19.00	11.00A 9.50		10.80- 4.60 9.40- 4.00	.228 .207		569 686	3321 - 200 3156 + 192	76.50B 10.00A 119.00B 9.25A
2775 2780 2785	8.00 6.75 7.25	16.75 14.25 12.25B	*7.75 *6.75 *5.75		8.10- 3.50 7.00- 2.90 6.00- 2.40	.185 .166 .147		591 1024 525	3501 + 91 3963 + 431 2776 + 67	115.50B 7.75 112.00B 6.75 65.25B 5.75
2790 2795 2800	6.75 5.00 3.95	10.50в 8.75в 7.50	*4.90 *4.20A *3.55		5.00- 2.10 4.20- 1.80 3.45- 1.55	.128 .112 .096		1318 476 3855	9637 + 101 2789 + 189 11345 + 182	105.50B 4.90 60.25B 4.20A 98.75B 3.55
2805 2810	4.40 2.70	6.25 5.00	*3.00A *2.50A		2.90- 1.25 2.40- 1.00	.083		1260 1960	3720 + 308 4261 + 1042	55.25B 3.00A 92.50B 2.50A
2815 2820 2825	2.20 2.60 1.55	4.20B 3.50 2.85	*2.10A *1.75A *1.40A		2.00- 0.80 1.65- 0.65 1.35- 0.60	.061 .051 .043		601 1118 1240	1824 + 129 2496 - 70 5558 - 7	50.50B 2.10A 86.25B 1.75A 83.25B 1.40A
2830 2835	1.30 1.70	2.30B 1.90B	*1.20A *1.05A		1.15- 0.45 .95- 0.40	.037 .031		784 435	3666 - 297 5989 - 42	80.25B 1.20A 41.75B 1.05A
2840 2845 2850	1.40 1.15 .80	1.55B 1.25B 1.05B	*.85 *.75A *.65		.80- 0.35 .70- 0.25 .60- 0.25	.027 .023 .020		807 124 400	3180 + 221 1330 + 100 10176 - 43	74.50B .85 37.75B .75A 69.00B .65
2855 2860	.75 .70	.90в .75	*.50 *.45		.50- 0.20 .45- 0.20	.017 .015		148 984	1047 + 125 5348 + 118	34.00B .50 63.50B .45
2865 2870 2875	.60 .60 .45	. 65в . 60 . 50в	*.40A *.40A *.20		.40- 0.15 .35- 0.15 .30- 0.15	.013 .012 .010		294 331 35	1498 + 69 2918 - 96 4825 + 5	30.50B .40A 58.25B .40A 55.75B .20
2880 2885 2890	.40 .30 .35	.40 .30 .35	*.30 *.25 *.25		.25- 0.15 .25- 0.15 .20- 0.15	.008 .008 .007		1189 52 861	2197 + 718 722 - 141 2245 + 304	53.50B .30 23.50B .25 48.75B .25
2895 2900	.25 .30	.25 .30	*.25 *.20		.20- 0.10 .20- 0.10	.006 .006		56 763	1429 UNCH 8592 + 654	18.50B .25 44.25B .20
2905 2910 2915	.15	.15	*.25A *.15 *.20A		.20- 0.10 .15- 0.10 .15- 0.10	.006 .005 .005		10 103 	2578 UNCH 3035 - 3 1132 UNCH	16.25B .25A 40.25B .15 14.25B .20A
2920 2925	 	 	*.20A		.15- 0.10 .15- 0.05	.004 .004		110	1584 - 5 1772 UNCH	36.25B .20A 34.50B .25A
2930 2935 2940	.15 	.15 	*.15 .15A		.15- 0.05 .10- 0.10 .10- 0.10	.004 .003 .003		505 	4035 + 505 659 UNCH 2896 UNCH	32.50B .15 7.00B .20A 29.25B .15
2945 2950 2955	.15	.15	*.15A *.10 *.15A		.10- 0.10 .10- 0.10 .10- 0.10	.003 .003 .003		 56	692 UNCH 1052 - 12 994 UNCH	6.25B .15A 26.00B .10 5.50B .15A
2960 2965					.05- 0.10 .05- 0.10	.001 .001			607 UNCH 347 UNCH	23.25B .30 4.90B .15A
2970 2975 2980	.10 .10	.10 .10	*.10 *.10		.05- 0.10 .05- 0.10 .05- 0.10	.001 .000 .000		162 25	474 UNCH 1244 - 158 312 - 9	20.50B .15 19.25B .10 18.25B .10
2985 2990					.05- 0.05 .05- 0.05	.000			215 UNCH 278 UNCH	3.90B .25 16.00B .15
2995 3000 3005					CAB CAB CAB	.000 .000 .000		67 	311 UNCH 502 - 67 261 UNCH	3.50B .30A 14.25B .10 3.15B .10
3010 3015					CAB CAB	.000			496 UNCH 253 UNCH	12.50B .10A 2.85B .15
3020 3025 3030					CAB CAB	.000 .000 .000			377 UNCH 216 UNCH 82 UNCH	11.00B .30A 10.50B .30A 10.00B .25A
3040 3050					CAB CAB	.000			5 UNCH 161 UNCH	8.50B .25A 8.00B .20
3060 3070 3075					CAB CAB	.000 .000 .000		1	33 UNCH 357 UNCH 343 - 1	6.75B .10A 6.00B .10 6.00B .10
3080 3090 3100					CAB CAB CAB	.000			22 UNCH 39 UNCH 44 UNCH	5.75B .15 5.00B .10 4.70B .10
3110 3120					CAB CAB				41 UNCH 40 UNCH	4.25B .10 3.85B .15
3125 3130 3140					CAB CAB CAB			67 	34 – 67 76 UNCH 35 UNCH	3.70B .15 3.50B .15 3.20B .15
3150 3160					CAB CAB				215 UNCH 309 UNCH	2.90B .05 2.65B .05
3170 3175 3180					CAB CAB CAB				437 UNCH 122 UNCH 68 UNCH	2.45B .05A 2.40B .10 2.30B .10
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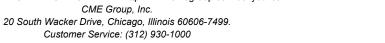




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	BULLETIN #123@		 E-I	MINI S&P 500 CALL C	PTIONS				27, 201	
3190 3200 3240 3250 3320 3350	 		 	CAB CAB CAB CAB CAB CAB			 	1 UNCH 50 UNCH 160 UNCH 2 UNCH 21 UNCH 87 UNCH	2.15B 2.00B 1.35B 1.25B .75B .60B	.10 .10A .45A .40A .05
3400 TOTAL			 	CAB			 28845	90 UNCH 185924 + 5003	.40B	.05
AUG18 1000 23300 23400 23400 23400 23495 23600 24495 25005 25115 22505 22515 22520 22525 22520 22625 22620 22625 22620 22625 22620 22625 22620 22625 22620 22625 22620 22625 22620 22625 22620 22625 22620 22625 22620 22625 22620 22625 22700 22725 22730 22730 22725 22730 2	EOW3 MINI S&P C	433.50B 414.00B 351.25B 351.00B 264.50B 259.75B 255.00B 245.50B 245.50B 246.50B 231.50B 227.25B 222.25B 228.25B 238.35B 204.25B 199.575B 191.25B 182.25B 187.75B 182.25B 187.25B 187.25B 187.25B 187.25B 187.35B 181.25B 187.35B 181.50B 182.25B 183.50B 144.25B 155.25B 156.00B 142.25B 106.25B 107.5B 108.25B 108.25		1700 . 30- 409 . 90- 390 . 70- 318 . 80- 314 . 10- 229 . 90- 220 . 20- 221 . 70- 198 . 20- 201 . 70- 198 . 20- 184 . 80- 186 . 40- 176 . 60- 171 . 60- 154 . 30- 154 . 30- 154 . 30- 155 . 10- 121 . 00- 113 . 30- 129 . 20- 101 . 30- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 20- 101 . 30- 105 . 30- 105 . 30- 107 . 50- 108 . 30- 109 . 30- 109 . 30- 109 . 30- 109 . 30- 109 . 30- 109 . 30- 109 . 30- 109 . 30- 109 . 30- 110 .	23.50 22.30 21	. 999 . 944 . 918 . 859 . 855 . 851 . 847 . 842 . 838 . 833 . 802 . 789 . 789 . 789 . 789 . 789 . 789 . 668 . 637 . 763 . 755 . 748 . 638 . 637 . 770 . 698 . 669 . 669 . 659 . 648 . 637 . 626 . 615 . 538 . 524 . 416 . 603 . 590 . 495 . 538 . 524 . 416 . 603 . 590 . 659 . 648 . 637 . 626 . 615 . 638 . 627 . 638 . 628 . 637 . 626 . 615 . 638 . 627 . 638 . 638 . 639 . 648 . 637 . 626 . 615 . 638 . 627 . 638 . 639 . 648 . 637 . 626 . 637 . 626 . 637 . 626 . 637 . 626 . 637 . 626 . 637 . 626 . 637 . 626 . 637 . 627 . 638 . 639 . 648 . 637 . 626 . 637 . 636 . 637 . 637 . 638 . 638 . 639 . 648 . 637 . 626 . 637 . 638 . 639 . 648 . 637 . 626 . 637 . 636 . 637 . 637 . 638 . 638 . 639		2322 UNCH 600 UNCH 601 UNCH 602 UNCH 6033 UNCH 22 UNCH 23 UNCH 24 UNCH 25 UNCH 34 UNCH 26 UNCH 36 UNCH 27 UNCH 37 UNCH 28 UNCH 38 UNCH 29 UNCH 40 UNCH 20 UNCH 41 UNCH 21 UNCH 22 UNCH 31 UNCH 22 UNCH 32 UNCH 33 UNCH 40 UNCH 24 UNCH 25 UNCH 36 UNCH 37 UNCH 40 UNCH 41 UNCH 41 UNCH 42 UNCH 42 UNCH 42 UNCH 41 UNCH 42 UNCH 42 UNCH 43 UNCH 44 UNCH 45 UNCH 46 UNCH 47 UNCH 47 UNCH 48 UNCH	398.008 310.758 306.008 301.258 296.508 291.508 282.008 277.258 272.508 263.008 258.258	79.50A 76.75A

Side 16







					FINAL					,	
PG47	BULLETIN #123@			E-N	MINI S&P 500 CALL OPTIO	ONS			Wed, Jun	27, 2018	B PG47
OCT18 2480 2500 2600 2700 2705 2710 2715 2710 2715 2720 2725 2730 2735 2740 2745 2750 2765 2770 2775 2780 2785 2780 2885 2880 2885 2890 2895 2840 2845 2850 2855 2840 2855 2850 2865 2870 2875 2880 2895 2910 2915 2920 2925 2930 2935 2940 2915 2920 2925 2930 2935 2940 2970 2975 2980 3000 3005 3010 3010 3010 3010 3010 301	EOW3 MINI S&P C	294.25B 276.50B 191.25B 110.50B 110.50B 100.25B 90.00B 86.75B 93.50B 90.00B 88.25B 77.25B 74.25B 74.25B 75.25B 76.25B 66.25B 66.25B 66.25B 66.25B 66.25B 66.25B 66.25B 66.25B 66.25B 66.25B 67.5B 68.25B 7.50B 88.25B 7.50B 88.25B 7.50B 88.25B 7.50B 88.25B 7.50B 88.25B 88	262.50A 245.50A 245.50A 164.75A 93.50A 87.00A 83.75A 77.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.75A 74.50A 45.50A 45.50A 43.00A 43.50A 34.50A 34.50A 32.50A 32.50A 32.50A 32.75A 27.00A 28.75A 27.00A 21.25		262.30- 17.8 245.30- 17.8 245.30- 17.1 164.40- 14.2 93.10- 11.2 88.90- 11.6 86.70- 10.8 83.60- 10.6 80.50- 10.7 7.50- 10.7 7.50- 10.7 7.50- 10.7 7.50- 8.5 54.90- 8.5 55.00- 1.0 6.30- 7.0 6.30- 3.0 6.30- 3.0 6.30- 3.0 6.30- 3.0 6.30- 3.0 6.30- 3.0 6.30- 1.0 6	80			60	336.00B 318.25B 229.50B 147.50B 132.25B 139.75B 136.00B 132.00B	
MDW MID JUN18 26615 2685 2685 2695 2700 2705 2715 2720 2725 2730 2745 2750 2755 2765 2765 2775 2785 2795 2800 2805 2810 2820 TOTAL	MDW MID 47.50 34.25 23.00 13.75 13.25 17.25 9.75 11.00 13.50 9.75 6.50 4.00 2.45 1.10 .75 .35 .15 .10 .10 .10 .10 .05 .05	48. 25 49. 00B 47. 50B 43. 25B 37. 75B 37. 75B 29. 75 27. 25B 18. 00 14. 00B 10. 00 6. 25 3. 50B 1. 80 .35 .15 .10 .05 .05	*43.75A *20.50 *21.25A *13.75 *2.50 *.05A *.05 *.05 *.05 *.05 *.05 *.05 *.05 *.05		37.20 N 17.20- 27.1 12.20- 27.2 7.20- 27.2 2.20- 27.5 CAB	20 1.000 50 1.000 90 1.000 	20 9 23 2 81 	40 42 36 2 110 253 2580 2580 3204 3527 3525 5246 3527 5246 3527 3525 5001 3585 4078 3312 1044 1233 66 398 200 2287 22 22 21 21 21 21 21 21 21 21 21 21 21	UNCH 9 5 3 44 83 301 393 894 942 917 637 1595 709 1261 1552 990 785 672 1986 1481 1886 991 600 279 600 279 447 0 - 8623	109.25B 93.00B 85.25B 89.00B 85.25B 83.50B 79.75B 75.50B 65.50B 66.550B 66.25B 51.25B 51.25B 51.75 42.75B 33.75B 33.75B 33.75B 32.75B 25.75B 25.75B 25.75B 25.95B 25.75B 2	43.75A 20.50 21.25A 13.75 2.50 .05A .05 .05 .05 .05 .05 .05 .05 .05 .05 .05
JUL18 2700 2705 2710 2715 2720 2715 2720 2725 2730 2735 2740 2745 2750 2765 2770 2775 2780 2785 2780 2785 2790 2795 2800 2805 2810 2815 2825 2890 TOTAL	MDW MID 25.00 23.50 22.75 19.00 16.75 20.50 12.25 6.25 4.80 3.65 8.25 4.40 2.50 1.75 .95 1.85 .40 .9530 .30 .20 .10	51. 75B 47. 25B 47. 25B 43. 00B 38. 75B 34. 50B 30. 50B 26. 50B 19. 50B 16. 25B 13. 25B 10. 50B 8. 00B 4. 45B 3. 10B 2. 15B 1. 45B .95 .60B .40 .30 .20 .15B	*24.00A *21.00A *18.25A *15.50A *13.00A *10.75A *7.00A *5.50A *4.15A *3.10A *2.30A *1.70A *8.0 *60A *2.25A *2.25A *2.25A *1.50A		24.00- 14. 20.90- 13.4 18.00- 12.6 15.30- 11. 12.90- 10.6 10.70- 8.80- 8.2 7.00- 7. 5.40- 6. 4.10- 5. 3.05- 4. 2.20- 3. 1.55- 2. 1.10- 1. 7.5- 1. 5.0- 0. 3.5- 0. 0.5- 0.	40 .502 60 .460 70 .416 70 .416 372 40 .327 20 .284 10 .240 10 .159 15 .124 30 .094 35 .050 35 .050 35 .035 95 .024 45 .011 35 .007 45 .011 35 .007 30 .004 25 .002 15 .001 10 .000 000		17 116 1111 32 92 116 95 260 148 550 156 196 684 323 3390 114 10 27 18 10 25 4050	1 UNCH 9 + 17 85 + 47 203 - 13 100 - 1 87 + 76 127 + 48 82 - 19 1067 + 65 832 + 12 517 + 403 561 + 85 243 + 5 457 + 221 614 + 162 328 + 51 697 + 173 78 + 38 65 + 10 116 UNCH 424 - 1 71 + 10 25 + 25 106 UNCH 6972 + 1397	72.25B 68.00B 63.25B 54.50B 558.75B 54.50B 55.00B 45.75B 41.75B 37.50B 33.75B 29.75B 29.75B 19.50 16.50B 11.00B 8.75B 7.00B 5.25B 4.15B 3.15B 1.75B 1.05B 1.05B	24.00A 21.00A 18.25A 15.50A 13.00A 10.75A 8.75A 7.00A 4.15A 3.10A 2.30A 1.70A 1.20A .80 .60A .40 .25 .25A .20A .15A .15A .10 .15A
MMW MID JUL18 2660 2665 2675 2700	MMW MID 47.75 32.00	87.75B 82.75B 73.00B 50.50B	*52.00A *48.00A *40.00A *22.00A	 	51.80- 20.0 47.70- 19.5 39.70 mi 22.00- 15.0	50 .785 IEW .731		 1 8	1 UNCH 1 UNCH 1 + 1 8 + 7	123.25B 119.00B 110.75B 86.75B	52.00A 48.00A 40.00A 22.00A

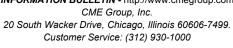
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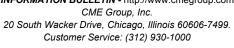
	FINAL	
PG47 BULLETIN #123@	E-MINI S&P 500 CALL OPTIONS	Wed, Jun 27, 2018 PG47
2705	#48.008 *19.00A	52 + 51 82.00B 19.00A 21 + 21 48.00B 25.25A 207 + 118 77.25B 16.25A 1 + 1 44.00B 22.50A 162 + 150 72.50B 13.75A 6 UNCH 40.00B 19.75A 325 + 214 68.00B 11.25 28 + 28 36.25B 17.25A 211 + 48 63.25B 9.25 211 + 48 63.25B 9.25 211 + 48 63.25B 9.25 31 + 31 29.00B 12.75A 31 + 31 29.00B 12.75A 31 + 31 29.00B 12.75A 325 + 244 54.50B 5.75 68 + 60 25.50B 10.75A 73 + 4 50.00B 4.05 203 + 195 22.25B 9.00A 332 + 243 45.50B 5.75 68 + 60 25.50B 10.75A 73 + 4 50.00B 4.05 203 + 195 22.25B 9.00A 332 + 243 45.50B 2.95 36 + 29 19.25B 7.50A 292 - 46 41.50B 2.25A 50 + 32 16.50B 6.25A 50 + 32 16.50B 6.25A 50 + 32 16.50B 6.25A 50 + 32 14.00B 4.95A 34 + 31 11.50B 3.95A 36 + 62 29.50B 3.20A 200 + 32 25.75B .50 74 + 20 7.50B 2.65A 253 + 20 9.50B 3.20A 200 + 32 7.50B 2.65A 253 + 33 4.70B 2.65A 254 + 20 9.50B 3.20A 200 + 32 7.50B 2.65A 257 + 24 16.25B .50 260 + 20 6.00B 2.05A 334 + 31 11.50B 3.95A 34 + 31 11.50B 3.95A 357 + 32 14.00B 2.25B 334 + 33 4.70B 2.65A 253 + 20 9.50B 3.20A 200 + 32 7.50B 2.65A 200 + 20 6.00B 2.05A 113 - 3 19.25B 2.5 334 + 33 4.70B 1.65A 200 + 20 6.00B 2.05A 113 - 3 19.25B .25 334 + 33 4.70B 1.65A 200 + 20 6.00B 2.05A 113 - 3 19.25B .25 334 + 33 4.70B 1.65A 200 + 20 6.00B 2.05A 113 - 3 19.25B .15A 200 + 20 6.75B .10A 60 + 60 3.60B 1.20 110 - 2 13.25B .10A 61 + 1 .50B .30A 113 UNCH 2.35B .10A 39 UNCH 1.75B .10A 39 UNCH 1.75B .10 30 UNCH 1.30B .10 31 UNCH 2.35B .10 31 UNCH 2.35B .10 31 UNCH 2.35B .10 31 UNCH 2.35B .10 32 UNCH 1.55B .10A 33
DINIT BOM STM EOM 1560 STM EOM 1560 STM EOM 1570 STM EOM EOM	Section Sect	26 UNCH 152.40B 23.40A 23 UNCH 147.40B 21.30A 37 UNCH 142.50B 19.20A 22 UNCH 137.50B 17.30A 31 UNCH 122.70B 12.40A 24 UNCH 113.00B 9.70A 25 UNCH 113.00B 9.70A 26 UNCH 113.00B 9.70A 27 UNCH 113.00B 9.70A 28 UNCH 183.70B 4.40A 29 UNCH 88.40B 5.80A 20 UNCH 88.40B 5.00A 25 UNCH 88.40B 5.00A 25 UNCH 78.80B 3.90A 26 UNCH 78.80B 3.90A 27 UNCH 78.80B 3.90A 28 UNCH 69.20B 3.00A 29 UNCH 69.20B 3.00A 20 UNCH 69.20B 3.00A 21 UNCH 59.90B 2.25A 21 UNCH 59.90B 2.25A 22 UNCH 38.70B 4.40A 21 UNCH 69.20B 3.00A 25 UNCH 74.10B 3.40A 26 UNCH 75.50B 2.00A 27 UNCH 69.20B 3.00A 28 UNCH 69.20B 3.00A 29 UNCH 69.20B 3.00A 29 UNCH 38.70B .80A 29 UNCH 38.70B .80A 29 UNCH 38.70B .80A 20 UNCH 38.70B .80A 21 34.50B .55A 22 UNCH 19.40B .20A 25 16.20B .20 26 1 153 UNCH 19.40B .20A 26 10.00 .15A 27 1 13.30B .15A 28 UNCH 19.40B .20A 29 UNCH 19.40B .20A 20 UNCH 1.20B .20A 20 UNCH 1.20B .20A 20 UNCH 1.20B .20A 20 UNCH 1.20B .15A 21 UNCH 1.05B .15A 22 UNCH 1.05B .15A 24 UNCH 1.05B .15A 25 UNCH 1.05B .15A 26 UNCH 1.05B .15A 27 UNCH .50B .25A 28 UNCH .50B .25A 38 UNCH .50B .25A 39 UNCH .50B .25A 30 UNCH .50B .15A 30 UNCH .50B .15A 30 UNCH .50B .25A 30 UNCH .50B .25A 30 UNCH .50B .25A 30 UNCH .50B .35A
JUL 18 RTM EOM 1490 1510 1510 1520 1530 1540 1545 1560 1570 1575 1580 1580 1580 1590 1590 1605 1605 1610 1615 47.00 1615 47.00 1615 1620 1625 1630 31.00 1630 1630 31.00 1630 1630 1630 1630 1630 1630 1640 1640 1640 1640 1640 1640 1640 1640 1640 1640 1645 1645	159.00A 137.80	15 UNCH 223.00B 65.90A 17 UNCH 203.40B 55.00A 18 UNCH 193.60B 50.00A 18 UNCH 183.90B 45.20A 1 UNCH 174.10B 40.00A 26 UNCH 169.20B 37.30A 1 UNCH 154.70B 29.80A 4 UNCH 149.80B 27.50A 18 UNCH 149.80B 27.50A 3 UNCH 140.30B 23.20A 5 UNCH 135.50B 21.30A 5 UNCH 135.50B 21.30A 5 UNCH 135.50B 21.30A 5 UNCH 135.50B 121.30A 5 UNCH 130.70B 19.40A 12 UNCH 125.90B 17.70A 12 UNCH 125.90B 17.70A 12 UNCH 116.40B 14.50A 12 UNCH 111.90B 13.10A 2 UNCH 111.90B 13.10A 2 UNCH 109.50B 16.50A 81 UNCH 107.50B 11.80A 23 + 23 100.70B 42.80A 70 UNCH 109.50B 16.50A 81 UNCH 98.20B 9.50A 1 UNCH 98.20B 9.50A 1 UNCH 99.90B 12.50A 33 UNCH 99.40B 12.50A 34 WARP 109.50B 12.50A 35 UNCH 87.00B 8.50A 3 + 3 84.90B 26.40A 5 UNCH 87.00B 32.10A 5 UNCH 89.10B 7.50A 5 UNCH 89.10B 6.70A 5 UNCH 77.80B 25.70A 5 UNCH 78.30B 8.50A 5 UNCH 78.30B 8.50A 5 UNCH 78.30B 8.50A 5 UNCH 78.30B 8.50A







					FINAL	
PG47	BULLETIN #123@			E-N	MINI S&P 500 CALL OPTIONS	Wed, Jun 27, 2018 PG47
1650 1650	16.70	18.60B	*14.20A *19.90A		14.40 NEW .449 1 20.10- 17.20 .466	1 + 1 66.60B 14.20A 5 UNCH 68.70B 19.90A 5 UNCH 74.00B 7.70A
1650 1650	27.50	29.10B	30.60A 24.80A		30.40- 16.30 .482 25.10- 16.80 .475 3	98 + 1 72.10B 4.70A
1655 1655 1655	22.50	23.90B 	*11.70A *25.90A 22.00A		11.90 NEW .399 4 26.10 NEW .454 14 22.30- 15.90 .445	4 + 4 62.00B 11.70A 14 + 14 43.50B 25.90A 16 UNCH 67.90B 4.10A
1660 1660			*9.50A 25.20A		9 60- 15 30 347	14 UNCH 57.50B 9.50A
1660 1665			19.50A *7.60A		19.70- 15.00 .413 7.70- 13.70 .297	46 UNCH 63.60B 3.70A 14 UNCH 53.00B 7.60A
1665 1665		 26.90в	22.80A *12.70A		22.50- 14.00 .405 12.80- 13.90 .353	1 UNCH 61.60B 5.60A 10 UNCH 56.70B 12.70A
1665 1670 1670	16.20 18.60	17.30B 23.70B	17.10A *6.00A *10.70A		12.80	150 UNCH 350.708 12.70A 150 UNCH 59.40B 3.20A 71 + 70 49.70B 6.00A 121 + 121 52.40B 10.70A 53 UNCH 55.30B 2.90A 10 UNCH 45.40B 4.60A 120 + 115 48.30B 8.90 15 + 1 30.20B 16.30A 265 UNCH 51.20B 2.50A 90 + 35 41.20B 3.50A
1670 1675	27.00 7.80	27.40B 8.00B	14.90A *4.60A		15.10- 13.00 .350 35 4.60- 10.50 .202 2	53 UNCH 55.30B 2.90A 10 UNCH 45.40B 4.60A
1675 1675	13.10 24.60	20.60в 25.10в	*8.90 *16.30A		16.60- 12.20 .344 11	120 + 115
1675 1680 1680	10.70 15.90	11.40B 17.00B	12.90A *3.50A *7.30		13.00- 12.10 .318 3.45- 8.95 .161 38 7.40- 10.30 .241 68	265 UNCH 51.20B 2.50A 90 + 35 41.20B 3.50A 53 + 34 44.30B 7.30
1680 1680	21.90	22.40B	*14.40A 16.10A		14.50 NEW .316 13 15.90- 11.40 .326	13 + 13 27.20B 14.40A 1 UNCH 49.80B 4.10A
1680 1685	14.50	14.70B	11.10A *2.60A		11.10- 11.10 .286 113 2.55- 7.35 .125	217 + 111 47.30B 2.20A 36 UNCH 37.10B 2.60A
1685 1685 1690	13.40 15.00	14.40B 16.10B	*5.90 9.40A *1.90A		6.00- 9.10 .207 43 9.50- 9.90 .257 19 1.85- 5.85 .095	43 + 15 40.30B 5.90 65 UNCH 43.40B 1.95A 102 UNCH 33.20B 1.90A
1690 1690	 11.40		12.50A *4.75		12.20- 9.70 .273	1 UNCH 43.00B 3.35A
1690 1690	17.00 9.60	11.40 17.00 9.60	*10.90A 8.00A		8.00- 8.90 .227 1	3 + 3 21.60B 10.90A 135 UNCH 39.70B 1.75A
1695 1695 1695	4.60 14.90	5.00B 15.10B	*1.40A *3.90A *9.50A		1.35- 4.55 .072 9 3.90- 6.60 .148 9.50 NEW .236 12	88 - 1 29.50B 1.40A 25 UNCH 32.90B 3.90A 12 + 12 19.10B 9.50A
1695 1700			6.80A *1.10A		6.70- 7.80 .199 1.00- 3.45 .054	90 UNCH 36 10R 1 55A
1700 1700		16 400	*3.10A *8.20A		3.10- 5.60 .123 8.20- 7.50 .212	70 UNCH 25.90B 1.10A 81 UNCH 29.40B 3.10A 7 UNCH 16.70B 8.20A
1700 1700 1705	15.20 6.00 2.45	16.40B 6.90B 2.50B	9.50A 5.60A *.85A		9.20- 7.90 .224 1 5.60- 6.80 .174 1 .75- 2.50 .041 22	3 UNCH 36.20B 2.75A 132 - 1 32.70B 1.35A 26 + 7 22.50B .85A
1705 1705 1705	2.43 2.40 11.70	2.45 11.70	*2.40 *7.00A		2.45 NEW .101 11 7.00 NEW .188 5	11 + 11 26.10B 2.40 1 + 1 14.50B 7.00A
1705 1705	11.80	11.80	4.70A 8.30A		4.60- 5.80 .149 7.90- 7.10 .200 6	6 UNCH 32.90B 2.50A
1710 1710 1710	4.70 7.80	4.80B 8.10B	*.65A *1.90 3.90A		.60- 1.80 .033 1.95- 3.65 .083 123 3.80- 4.90 .128 61	59 + 40 22.90B 1.90
1715 1715	3.60	 3.70в	6.10A *1.50A		5.70- 5.60 .157 1.55- 2.85 .067 18	1 UNCH 26.90B 3.95A 70 + 11 20.00B 1.50A
1715 1715	5.90	6.10B 	*5.00A *.55A		4.95 NEW .145 12 .50- 1.25 .027 3.15- 4.05 .110 81	12 + 12 10.70B 5.00A 33 UNCH 16.50B .55A 120 - 8 23.30B .95A
1715 1720 1720	6.80 .80 1.55	6.80 .80 1.55	3.20A *.40 *1.20A		3.15- 4.05 .110 81 .40- 0.85 .021 45 1.25 NEW .055 24	120 - 8 23.30B .95A 71 + 17 13.80B .40 24 + 24 17.30B 1.20A
1720 1720	4.90	5.10B	*4.30A 2.65A		4.15 NEW .126 10 2.55- 3.35 .092	10 + 10 9.10B 4.30A 74 UNCH 20.60B .85A
1725 1725	1 65	 1.70в	*.40A 4.35A * 05A		.35- 0.60 .018 4.05- 4.15 .120 1.00- 1.65 .045 89	74 UNCH 11.40B .40A 1 UNCH 21.40B 3.10A 97 + 18 14.80B .95A
1725 1725 1730	1.65 3.50 	3.50	*.95A 2.20A *.35A		1.00- 1.65 .045 89 2.10- 2.70 .078 94 .25- 0.45 .013	97 + 18 14.80B .95A 156 + 2 18.00B .80A 95 UNCH 9.30B .35A
1730 1730	3.40	3.40	3.70A 1.80A		3.40- 3.60 .104 1.75- 2.10 .066 25	2 UNCH 19.50 3.10A 106 + 23 15.60B .70A
1735 1735 1735			*.35A 3.15A *.70A		.20- 0.30 .010 2.85- 3.05 .090 .70- 0.85 .032	66 UNCH 7.50B .35A 2 UNCH 16.70B 2.85A 1 UNCH 10.60B .70A
1735 1735 1735	2.80 1.65	2.80 1.65	*2.50A 1.45A		2.40 NEW .080 23 1.45- 1.65 .056 4	23 + 23 5.30B 2.50A 80 UNCH 13.50B .65A
1740 1740	2.25	2.35B	*.30A *2.10A		.20- 0.15 .010 2.00 NEW .069 3	2 UNCH 6.00B .30A 3 + 3 4.40B 2.10A
1740 1745 1745			1.20A *.50A		1.20- 1.30 .047 .15- 0.10 .007 .50- 0.40 .023	57 UNCH 11.90B .60A 17 UNCH 4.80B .35A 52 UNCH 7.30B .50A
1745 1750			1.05A		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	161 UNCH 9.80B .55A 23 UNCH 3.70B .45A
1750 1750	.90	.90	*.45A .90 *.40A		.45- 0.25 .020 .85- 0.75 .034 6	28 UNCH 5.90B .45A 152 + 6 10.00B .50A
1755 1755 1760			.80A		.35- 0.20 .016 .70- 0.60 .028 .10 UNCH .004	2 UNCH 4.80B .40A 81 UNCH 6.90B .50A 17 UNCH 2.25B .35A
1760 1760			*.35A .70A		.30- 0.15 .013 .60- 0.45 .024	5 UNCH 3.90B .35A 112 UNCH 8.40B .45A
1765 1765 1765			*.35A *.60A		.05- 0.05 .002 .30- 0.10 .013 .55- 0.30 .022	56 UNCH 1.75B .30A 14 UNCH 3.10B .35A 27 UNCH 4.80B .60A
1770 1770 1770			*.30A		.05 UNCH .001 .25- 0.10 .011	50 UNCH 1.40B .30A 14 UNCH 2.50B .30A
1770 1775			.50A		.50- 0.20 .020 .05 UNCH .001	266 UNCH 7.00B .40A 71 UNCH 1.10B .25A
1775 1775 1780			.50A		.20- 0.10 .008 .45- 0.15 .018 .05 UNCH .000	84 UNCH 2.05B .45A 37 UNCH 6.30B .35A 3 UNCH .85B .25A
1780 1780			*1.10A		.70- 0.50 .025 .20- 0.05 .008	1 UNCH 4.15B 1.10A 49 UNCH 1.65B .40A
1780 1785			.45A *.40A		.40- 0.15 .016 .15- 0.10 .006 .35- 0.10 .014	63 UNCH 5.80B .35A 10 UNCH 1.35B .40A
1785 1790 1790			*.40A *.55A		.15- 0.05 .006 .45- 0.20 .017	10 UNCH 1.10B .35A 18 UNCH .70B .55A
1790 1795					.35- 0.05 .013 CAB000	7 UNCH 4.80B .30A 63 UNCH .45B .20A
1795 1795 1800	 		*.50A 		.40- 0.15 .015 .30- 0.05 .011 CAB	10 UNCH .60B .50A 26 UNCH 1.50B .35 70 UNCH .35B .20A
1800 1800					.40- 0.05 .014 .25- 0.10 .009	90 UNCH .65 .50 151 UNCH 3.90B .30A
1805 1810					.25- 0.05 .009 .25- 0.05 .009	3 UNCH 1.05B .45A 27 UNCH 3.20B .25A
1820 1820 1825	 				.10 UNCH .003 .20- 0.05 .007 .15- 0.05 .005	3 UNCH .50 .25A 19 UNCH 1.80B .25A 101 UNCH 1.65B .25A
1835 1840					.15- 0.05 .005 .15- 0.05 .005	9 UNCH .50 .30A 21 UNCH 1.25B .30A
1845 1860 1875					.10- 0.05 .003 .10- 0.05 .003 .05- 0.10 .001	9 UNCH .40 .25A 12 UNCH .90B .25A 24 UNCH .70B .20A
1890 1900					.05- 0.05 .000 .05- 0.05 .000	24 UNCH .50B .20A 164 UNCH .40B .20A
1910 2075					.05- 0.05 .000 CAB	14 UNCH .35B .15A 6 UNCH .10 .10
2200 2200 2250	 				CAB CAB CAB	31 UNCH .05 .05 12 UNCH .05 .05 6 UNCH .05 .05
2250 TOTAL AUG18	RTM EOM				1431	6842 + 809
1570 1575			94.70A 90.70A		95.00- 23.30 .740 91.00- 23.00 .728	36 UNCH 149.90B 33.30A 10 UNCH 145.30B 31.10A
1590 1600		101.30B 93.00B 88.90B	79.00A 71.50A 67.80A		79.30- 21.90 .691 71.70- 21.20 .663 68.00- 20.80 .648	1 UNCH 131.50B 25.00A 4 UNCH 122.40B 21.50A
1605 1610 1615		88.90B 	67.80A 64.20A 60.70A		68.00- 20.80 .648 64.40- 20.40 .633 60.90- 19.90 .617	8 UNCH 117.90B 19.80A 7 UNCH 113.50B 18.20A 54 UNCH 109.10B 16.80A
1620 1625			57.30A 53.90A		57.40- 19.50 .600 54.00- 19.00 .583	4 UNCH 104.70B 15.40A 40 UNCH 101.30B 14.10A
1635 1660 1660			47.40A 38.70A 32.80A		47.50- 17.90 .548 38.30- 14.70 .459 32.80- 14.90 .449	25 UNCH 92.70B 11.80A 1 UNCH 75.30B 38.30A 20 UNCH 72.10B 7.30A
1665 1670			36.10A 27.80A		35.70- 14.10 .440 27.70- 13.50 .407	2 UNCH 71.50B 35.70A 84 UNCH 64.30B 6.00A
1675	27.60	28.70B	25.40A	R THE CONVE	25.30- 12.80 .386 4 NIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY	9 + 4 60.50B 5.40A







FINAL										
PG47	BULLETIN #123@			E-MINI	S&P 500 CALL 0	PTIONS			Wed, J	un 27, 2018 PG47
1680 1685 1690 1690 1695 1700 1710 1715 1715 1725 1730 1745 1755 1740 1755 1760 1775 1780 1775 1780 1785 1780 1785 1805 1815 1825 1830 1835 1840 1845 1835 1835 1840 1845 1850 1851	25.20 27.50 19.30 16.90 11.90 8.50 6.80 4.50 3.90	26.30B 27.50 19.70B 17.70B 11.90 11.90 4.65B 3.90	23.20A 21.10A 24.30A 19.10A 22.40A 17.30A 15.50A 13.90A 15.30A 11.10A 9.80A 8.70A 7.70A 6.80A 5.90A 4.50A 3.90A 2.25A 3.40A 3.40A 2.25A 2.60A 2.25A 2.75A 2.80A 1.55A 1.20A 2.80A 1.55A 1.20A 2.85A 2.70A 6.65A 8.75A 1.50A 8.75A 1.50A 8.75A 1.50A 8.75A 1.55A	E-MINI	23.10- 21.00- 24.00- 19.00- 24.00- 19.00- 22.00- 17.10- 15.40- 13.70- 12.20- 15.00- 10.90- 9.60- 8.50- 7.50- 6.60- 5.70- 5.00- 4.35- 3.80- 2.85- 1.90- 2.15- 3.15- 1.90- 1.65- 2.45- 1.25- 1.10- 2.50- 2.45- 1.25- 6.60- 5.75- 6.60- 5.75- 6.60- 5.75- 6.60- 5.75- 6.60- 5.75- 6.60- 5.75- 6.60- 5.50- 4.55- 5.00- 5.00-	12.10 11.40 11.40 11.00 10.70 10.40 10.00 9.30 8.70 8.00 7.30 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.7	.343 .346 .321 .327 .300 .279 .258 .238 .253 .219 .200 .183 .166 .151 .135 .121 .097 .087 .077 .097 .087 .077 .095 .068 .060 .077 .054 .042 .042 .042 .042 .042 .042 .042 .04	8 10 2 2 12 13 11 29 29 11 10 12 13 11 29	31 UN. 31 UN. 31 UN. 32 UN. 335 UN. 335 UN. 337 UN. 34 UN. 35 UN. 37 UN. 37 UN. 38 UN. 37 UN. 38 UN. 37 UN. 38 UN. 37 UN. 38 UN. 38 UN. 39 UN. 31 UN. 31 UN. 31 UN. 31 UN. 32 UN. 32 UN. 32 UN. 33 UN. 31 UN. 32 UN. 33 UN. 31 UN. 31 UN. 32 UN. 33 UN. 34 UN. 35 UN. 37 UN. 38 UN. 39 UN. 31 UN. 31 UN. 32 UN. 33 UN. 34 UN. 35 UN. 36 UN. 37 UN. 38 UN. 39 UN. 31 UN. 31 UN. 31 UN. 32 UN. 34 UN. 35 UN. 36 UN. 37 UN. 38 UN. 39 UN. 31 UN. 31 UN. 31 UN. 32 UN. 34 UN. 35 UN. 36 UN. 37 UN. 38 UN. 37 UN. 38 UN. 39 UN. 31 UN. 31 UN. 31 UN. 31 UN. 31 UN. 32 UN. 35 UN. 36 UN. 37 UN. 37 UN. 38 UN. 39 UN. 31 UN.	1. 56.70B
1865 1870 1875 1890 TOTAL	 				.30- .25- .25- .20-	0.05 0.10 0.05 0.05	.009 .008 .007	 107	25 UNG 3 UNG 29 UNG 37 UNG	CH .90B .50A CH .85B .35A CH .80B .35A
OCT18 1540 1650 1660 1675 1680 1690 1700 1710 1725 1750 1800 1865 TOTAL	RTM EOM	 	140.00A 62.50A 56.80A 51.30A 48.70A 46.10A 36.60A 32.30A 26.60A 26.60A 8.10A *2.60A		140.20-62.30-56.50-51.00-48.40-45.80-36.30-32.00-26.20-18.10-7.60-2.15-	23.00 16.30 15.50 14.60 14.10 13.70 12.80 11.80 10.90 9.50 7.30 3.60 0.95	.517 .491 .464 .450 .436 .408 .380 .351 .309 .240 .126		21 UNC 3 UNC 10 UNC 6 UNC 6 UNC 8 UNC 3 UNC 1 UNC 36 UNC 36 UNC 37 UNC 37 UNC 38 UNC 3	H 100.208 46.10A 21.80B 41.40A 1.H 85.60B 36.90A 1.H 82.00B 34.80A 1.H 78.60B 32.80A 1.H 71.80B 29.00A 1.H 65.30B 25.40A 1.H 59.10B 22.20A 1.H 50.20B 18.20A 1.H 37.20B 12.60A 1.H 17.80B 5.70A