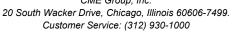
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2018 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.





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### **FINAL**

PG50 BULLETIN #123@ S&P 500 PUT OPTIONS Wed, Jun 27, 2018 PG50

INDIVIDUAL CONTRACT PRICE DATA FOR OPEN, HIGH, LOW, CLOSE AND SETTLEMENT PLUS CLEARED VOLUME FIGURES REFLECT CME REGULAR TRADING HOURS SESSION ONLY. RTH VOLUME REFLECTS PIT TRADING AND CASH-FOR-FUTURES ONLY. 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 #=NEW CONTRACT HIGH PRICE \*=NEW CONTRACT LOW PRICE R=RECORD VOL OR OPN INT. SETTLEMENT PRICE DETERMINED BY CME

B=BID A=A RULE 813 ACTIVITY	AND/OR HAVE ESTABLISHED	OPEN INTERES	SI. PRODUC		WK EV-W1 S&P 50	n purs						
	OPEN RANGE 500 P EOW1 S&P 500 P	HIGH	LOW	CLOSING RANGE	SETT.PRICE & PT.CHGE.	E	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	CONTR HIGH	ACT LOW
1450 1525	EOWI SQP 300 P	(FUTURES S	ETT00	  	CAB CAB CAB					177 UNCH 177 UNCH	.35 .35	.35 .35 .35
1600 1700 1760					CAB CAB		.000			118 UNCH 135 UNCH 118 UNCH	.35	.35
1860 1900 1930				0.05N 0.10N 0.10N	.05 .05- .05-	UNCH 5 5	.000 .000 .000			118 UNCH 100 UNCH 160 UNCH	.15 .15	.15 .15
1940 1950				0.15N 0.15N	. 10- . 10-	5 5	.000			118 UNCH 365 UNCH	.35 .10	.35 .10
1960 2010 2050	 0.10	 .10	*.10	0.15N 0.15N 0.10	.10- .15 .15	5 UNCH UNCH	.000 .001 .001		100	118 UNCH 320 UNCH 125 + 100	.35 .15 .15	.35 .15 .10
2080 2090	0.20	#.20	*.20	0.20N 0.20 0.20N	.20 .20 .20	UNCH UNCH	.001 .001		4	165 UNCH 4 + 4	.30 .20 .25	.30 .20 .25
2100 2110 2120				0.20N 0.20N 0.20N	.20	UNCH UNCH UNCH	.001 .001 .001			3 UNCH 4 UNCH 80 UNCH	.25	.25
2125 2150				0.20n 0.20n	.20 .20 .25+	UNCH 5	.001 .002			80 UNCH 4 UNCH	.20	.20
2160 2175 2180	 0.15	 #.15	*.15	0.25N 0.25N 0.15	.25 .30+ .30+	UNCH 5 NEW	.002 .002 .002		30	100 UNCH 6 UNCH 30 + 30	.25 .15	.25 .15
2220 2225				0.30N 0.30N	.35+ .35+	5 5	.003			40 UNCH 6 UNCH	.25	.25
2230 2240 2250				0.35N 0.35N 0.35N	. 40+ . 40+ . 40+	5 5 5	.003 .004 .004			100 UNCH 120 UNCH 5 UNCH	.30	.30
2275 2325	0.25	#.25	*.25	0.40N 0.25	.45+ .60+	NEW 15	.004 .006			100 UNCH 6 + 6	.25	.25
2350 2400 2450	0.40 0.75	#.80 #1.10	*.35 *.75	0.55N 0.80 1.10	.70+ .85+ 1.20+	NEW NEW	.008 .011 .017		2100 280	40 UNCH 2100 + 2100 280 + 280	.80 1.10	.35
2460 2475				0.90n 1.00n	1.30+ 1.45+	40 45	.019 .022			40 UNCH 80 UNCH		
2485 2500 2505				1.05N 1.15N 1.20N	1.55+ 1.70+ 1.80+	50 NEW 60	.025 .028 .030		600	20 UNCH 600 + 600 40 UNCH		
2525 2535				1.40n 1.55n	2.15+ 2.35+	75 80	.037 .042		600	600 + 595 5 UNCH		1.60
2550 2560 2575				1.75N 1.95N 2.25N	2.75+ 3.10+ 3.75+	100 115 NEW	.051 .058 .072		1200	42 UNCH 4 UNCH 1200 + 1200	1.60	1.60
2580 2590				2.35N 2.65N	4.00+ 4.55+ 5.20+	165 190	.077 .089			3 UNCH 2 UNCH		
2600 2610 2620				2.95N 3.35N 3.85N	5.20+ 5.90+ 6.90+	225 255 NEW	.103 .119 .140		 1	$\begin{array}{ccc} 42 & \text{UNCH} \\ 40 & \text{UNCH} \\ 1 + & 1 \end{array}$	3.30	3.30
2625 2635				4.10N 4.70N	7.40+ 8.70+	330 400	.140 .151 .177			45 UNCH 5 UNCH		
2640 2645 2650				5.00n 5.40n 5.80n	9.40+ 10.20+ 11.10+	NEW 480 530	.192 .207 .225		1 	1 + 1 2 UNCH 2 UNCH		
2670 2675				8.10N 8.80N	15.20+ 16.40+ 17.70+	710 NEW 810	.304 .327 .351		600	136 UNCH 600 + 600	 10.80	 10.80
2680 2690 2700				9.60N 11.30N 13.40N	20.70+ 24.20+	940 1080	.405 .464			50 UNCH 55 UNCH		
2710 2750 2775				15.90N 32.40N 49.90N	28.30+ 51.40+ 71.90+	1240 1900 2200	. 528 . 804 . 928			140 UNCH 100 UNCH 20 UNCH		
2773 2780 TOTAL				54.00N	76.50+	2250	.944		5522	20 UNCH 50 UNCH 9349 + 5517		
AUG18 2470 2505	EOW1 S&P 500 P	(FUTURES S	ETT00	7.10n 8.80n	10.00+	NEW NEW	.099 .123		3 4	3 + 3 4 + 4		
2525 TOTAL				10.00N	12.20+ 13.70+	NEW	.140		1 8	1 + 1		
									0	8 + 8		
				WK	EV-W2 S&P 500 PUT			EVER				
	OPEN RANGE	HIGH	LOW	WK CLOSING RANGE	EV-W2 S&P 500 PUT: SETT.PRICE & PT.CHGE.	Ε	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	CONTR	ACT LOW
EOW2 S&P JUL18 1750	500 P EOW2 S&P 500 P	(FUTURES S	ETT00	CLOSING RANGE	SETT.PRICE & PT.CHGE.	E UNCḤ	.000	CISES	VOLUME TRADES CLEARED	OPEN INTEREST	HIGH	LOW
EOW2 S&P JUL18 1750 1775	500 P EOW2 S&P 500 P 	(FUTURES S	ETT00	CLOSING RANGE ()) 0.15N 0.15N 0.20N	SETT.PRICE & PT.CHGE. .15 .20+ .25+	UNCH	.000 .001 .001	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 50 UNCH 80 UNCH	.20 .20 .20	.20 .20 .20
EOW2 S&P JUL18 1750 1775 1850 2290 2340 2350	500 P EOW2 S&P 500 P 	(FUTURES S	ETT00	CLOSING RANGE  0.15N 0.15N 0.20N 0.90N 1.10N	SETT.PRICE & PT.CHGE. .15 .20+ .25+ 1.20+ 1.50+ 1.55+	UNCH 5 5 30 NEW 40	.000 .001 .001 .013 .017	  	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 50 UNCH 80 UNCH 45 UNCH 5 + 5 65 UNCH	.20 .20 .25 	.20 .20 .25
EOW2 S&P JUL18 1750 1775 1850 2290 2340 2350 2365 2370	500 P EOW2 S&P 500 P  	(FUTURES S	ETT00	CLOSING RANGE  0.15N 0.15N 0.20N 0.90N 1.10N 1.15N 1.25N 1.30N	SETT.PRICE & PT.CHGE. .15 .20+ 1.20+ 1.50+ 1.55+ 1.70+ 1.75+	UNCH 5 5 30 NEW 40 45	.000 .001 .001 .013 .017 .018	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 50 UNCH 80 UNCH 45 UNCH 45 UNCH 55 + 5 65 UNCH 10 + 5 80 UNCH	.20 .20 .25 	.20 .20 .25 
EOW2 S&P JUL18 1750 1775 1850 2290 2340 2350 2365 2370 2400 2420 2440	500 P EOW2 S&P 500 P     	(FUTURES S	ETT00	CLOSING RANGE  0)  0.15N 0.15N 0.20N 0.90N 1.10N 1.15N 1.25N 1.35N 1.35N 1.50N 1.65N	SETT.PRICE & PT.CHGE. .15 .20+ .25+ 1.50+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+	UNCH 5 5 30 NEW 40 45 45 60 70 85	.000 .001 .001 .013 .017 .018 .020 .021 .026	     	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 50 UNCH 80 UNCH 45 UNCH 5 + 5 65 UNCH 10 + 5 80 UNCH 51 UNCH 5 UNCH 5 UNCH	.20 .20 .25   1.80	.20 .20 .25   1.80
EOW2 S&P JUL18 1750 1775 1850 2290 2340 2350 2365 2370 2400 2420 2440 2455 2460	500 P EOW2 S&P 500 P     	(FUTURES S	ETT00	CLOSING RANGE  0)  0.15N 0.15N 0.20N 0.90N 1.10N 1.15N 1.25N 1.30N 1.65N 1.65N 1.85N 2.00N	SETT.PRICE & PT.CHGE. .15 .20+ .25+ 1.20+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.10+	UNCH 55 30 NEW 45 45 60 70 85 NEW	.000 .001 .001 .013 .017 .018 .020 .021 .026 .030 .035	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 50 UNCH 80 UNCH 45 UNCH 5 + 5 65 UNCH 51 UNCH 51 UNCH 5 + 5	.20 .20 .25   1.80	.20 .20 .25   1.80
EOW2 S&P JULI8 1750 1775 1850 2290 2350 2350 2365 2370 2400 2420 2440 2455 2460 2485 2510	500 P EOW2 S&P 500 P	(FUTURES S	ETT00	CLOSING RANGE  1)  0.15N 0.15N 0.20N 0.90N 1.10N 1.15N 1.25N 1.30N 1.50N 1.65N 1.85N 2.00N 2.10N 2.10N 2.10N 3.05N	SETT.PRICE & PT.CHGE. 15 .20+ .25+ 1.20+ 1.50+ 1.75+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.10+ 3.10+ 3.70+ 4.45+	UNCH 5 30 NEW 40 45 60 70 85 NEW 125 156	.000 .001 .001 .013 .017 .018 .020 .021 .026 .030 .040 .042 .052	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 50 UNCH 80 UNCH 45 UNCH 45 UNCH 5 + 5 65 UNCH 51 UNCH 5 UNCH 6 UNCH 6 UNCH 6 UNCH 7 UNCH 7 UNCH 7 UNCH 8 UNCH 8 UNCH 9 UNCH 9 UNCH	.20 .20 .25 	.20 .20 .25   1.80
EOW2 S&P JUL18 1750 1775 1850 2290 2340 2350 2365 2365 2420 2440 2455 2460 2455 2460 2515 2515 2515 2525 2540	500 P EOW2 S&P 500 P	(FUTURES S	ETT00	CLOSING RANGE  0)  0.15N 0.15N 0.15N 0.20N 0.90N 1.10N 1.15N 1.25N 1.35N 1.35N 1.35N 1.35N 1.45N 1.85N 2.00N 2.45N 2.90N	SETT.PRICE & PT.CHGE. 15 .20+ .25+ 1.50+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.10+ 3.70+ 4.45+ 5.00+ 5.70+	UNCH 55 30 NEW 405 45 700 85 NEW 1255 1600 1700	.000 .001 .013 .017 .018 .020 .021 .026 .030 .040 .042 .052 .064 .064 .067	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 50 UNCH 80 UNCH 45 UNCH 5 + UNCH 10 + UNCH 5 UNCH	.20 .20 .25 	.20 .20 .25 
EOW2 S&P JUL18 1750 1775 1850 22940 2340 2350 22365 2370 2420 2445 2445 2445 2455 2460 22515 2510 2515 2525 2560 2570 2600	500 P EOW2 S&P 500 P	(FUTURES S	ETT00	CLOSING RANGE  0)  0.15N 0.15N 0.20N 0.90N 1.10N 1.15N 1.25N 1.30N 1.65N 1.65N 1.85N 2.00N 2.10N 2.10N 2.10N 2.10N 3.30N 3.70N 4.40N 4.80N 6.50N	SETT.PRICE & PT.CHGE. .15 .20+ 1.20+ 1.50+ 1.75+ 1.70+ 2.10+ 2.35+ 2.70+ 3.10+ 3.70+ 4.45+ 4.65+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+	UNCH 55 30 NEW 455 600 700 200 1700 200 280	.000 .001 .0013 .013 .015 .018 .020 .031 .040 .042 .064 .067 .064 .085 .105 .116	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 5 + 5 65 UNCH 10 + 5 80 + UNCH 5 UNCH 5 UNCH 5 UNCH 5 + 5 10	1.80	.20 .20 .25 
EOW2 S&P JUL18 17518 17758 12757 1850 22940 2340 23505 2370 2440 24455 2440 24455 2515 252515 252515 25260 2630 2650 2700	500 P EOW2 S&P 500 P	(FUTURES S	ETT00	CLOSING RANGE  1)  0.15N 0.15N 0.20N 0.90N 1.15N 1.25N 1.30N 1.50N 1.50N 1.65N 1.85N 2.00N 2.145N 2.90N 2.145N 2.90N 3.30N 3.30N 3.70N 4.40N 4.80N 6.50N 6.80N 11.00N	SETT.PRICE & PT.CHGE.  .15 .20+ .25+ 1.20+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.70+ 4.45+ 4.65+ 5.00+ 5.70+ 6.90+ 10.30+ 14.30+ 17.90+ 31.80+	UNCH 5 5 30 NEW 45 45 150 1700 NEW NEEW NEEW NEEW 125 1500 1700 NEW 3800 1700 NEW 1900 1900 1900 1900 1900 1900	.000 .001 .001 .013 .017 .018 .020 .021 .026 .030 .040 .042 .052 .064 .067 .074 .085 .116 .116 .1222 .277	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 45 + 5 65 UNCH 51 UNCH 55 UNCH 55 + 5 10 + 5 1	1.80	.20 .20 .25 
E0W2 S&P 11/18 11/18 1775 1775 12850 22340 23360 23365 2370 2440 2440 24455 2240 2440 2455 2240 2240	500 P EOW2 S&P 500 P	(FUTURES S	ETT00	CLOSING RANGE  0)  0.15N 0.15N 0.20N 0.90N 1.10N 1.15N 1.25N 1.30N 1.50N 1.65N 1.85N 2.00N 2.10N 2.10N 2.10N 3.05N 3.30N 3.70N 4.40N 4.80N 8.80N 8.80N 11.00N	SETT.PRICE & PT.CHGE. .15 .20+ 1.20+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.10+ 3.70+ 4.45+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+ 14.30+ 17.90+	UNCH 55 300 NEW 405 455 1150 2280 2880 5590	.000 .001 .001 .013 .017 .018 .020 .021 .030 .040 .042 .052 .064 .064 .074 .064 .074 .074 .074 .074 .074 .074 .074 .07	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 5 UNCH 6 UNCH 6 UNCH 6 UNCH 6 UNCH 7 UNCH 7 UNCH 8 UNCH 8 UNCH 8 UNCH 9 UNCH	.20 .20 .25 	.20 .20 .25 
E0W2 S&P JUL18 1750 1775 1850 22940 2340 2350 2365 2370 2420 2440 2455 2460 2455 2460 2455 2510 2510 2510 2510 2510 2510 2510 25	500 P EOW2 S&P 500 P	(FUTURES S	ETT00	CLOSING RANGE  1)  0. 15N 0. 15N 0. 15N 0. 20N 0. 90N 1. 10N 1. 15N 1. 25N 1. 30N 1. 65N 1. 85N 2. 90N 2. 45N 2. 90N 3. 95N 3. 30N 3. 30N 3. 70N 4. 40N 4. 80N 6. 50N 8. 80N 11. 00N 15. 30 21. 60N 23. 10N	SETT.PRICE & PT.CHGE.  15 20+ 25+ 1.20+ 1.50+ 1.55+ 1.70+ 2.10+ 2.35+ 2.70+ 3.10+ 3.70+ 4.45+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+ 14.30+ 17.90+ 31.80+ 33.70+	UNCH 5 30 NEW 405 450 1255 1600 1200 NEW 3550 690 1210 1250	.000 .001 .001 .013 .017 .018 .020 .030 .035 .040 .042 .052 .064 .067 .074 .074 .074 .074 .074 .074 .074 .07	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 5 + 5 65 UNCH 10 + 5 80 UNCH 51 UNCH 5 UNCH 6 UNCH 6 UNCH 6 UNCH 7 UNCH 7 UNCH 8 UNCH 8 UNCH 8 UNCH 9 UNCH 9 UNCH 137 UNCH	1.80	.20 .20 .25 
EOW2 S&P JUL18 1750 1775 1850 22940 2340 2350 2340 2455 2470 2440 2445 2455 2460 2455 2570 2600 2630 2650 2700 2705 2710 TOTAL	500 P EOW2 S&P 500 P 	(FUTURES S	ETT00	CLOSING RANGE  1)  0. 15N 0. 15N 0. 15N 0. 20N 0. 90N 1. 10N 1. 15N 1. 25N 1. 30N 1. 65N 1. 85N 2. 90N 2. 45N 2. 90N 3. 95N 3. 30N 3. 30N 3. 70N 4. 40N 4. 80N 6. 50N 8. 80N 11. 00N 15. 30 21. 60N 23. 10N	SETT.PRICE & PT.CHGE.  1.15 .20+ .25+ 1.20+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.70+ 4.45+ 4.65+ 5.70+ 6.90+ 7.60+ 10.30+ 14.30+ 17.90+ 33.70+ 33.70+ 33.70+ 33.70+ 35.60+	UNCH 5 30 NEW 45 45 155 1600 1700 NEW NEW NEW NEW 1255 1560 1700 NEW 1210 1250 1210 1250	.000 .001 .001 .013 .017 .018 .020 .030 .035 .040 .042 .052 .064 .067 .074 .074 .074 .074 .074 .074 .074 .07	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 5 UNCH 6 UNCH 6 UNCH 6 UNCH 6 UNCH 7 UNCH 7 UNCH 8 UNCH 8 UNCH 8 UNCH 9 UNCH	1.80	1.80
EOW2 S&P JUL18 1750 1775 1850 2290 2340 2350 2400 2440 2440 2455 2460 2485 2515 2515 2525 2560 2570 2600 2650 2705 2710 TOTAL	500 P EOW2 S&P 500 P 	(FUTURES S	ETT00	CLOSING RANGE  (1)  0. 15N 0. 15N 0. 15N 0. 20N 0. 90N 1. 10N 1. 15N 1. 25N 1. 30N 1. 65N 1. 85N 2. 90N 2. 10N 2. 45N 2. 90N 3. 30N 3. 30N 3. 70N 4. 40N 4. 80N 6. 50N 8. 80N 11. 00N 15. 30 23. 10N  WK  CLOSING RANGE	SETT.PRICE & PT.CHGE.  1.15 20+ 25+ 1.20+ 1.50+ 1.55+ 1.70+ 2.35+ 2.70+ 3.00+ 3.10+ 3.70+ 4.45+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+ 14.30+ 17.90+ 31.80+ 33.70+ 33.60+  EV-W4 S&P 500 PUT:  SETT.PRICE & PT.CHGE.	UNCH 5 5 30 NEW 40 40 40 170 NEW NEW NEW 1500 1700 NEW 2380 6990 11510 1250 S	.000 .001 .001 .013 .017 .018 .020 .021 .030 .035 .040 .052 .064 .067 .074 .085 .105 .116 .160 .227 .277 .470 .494 .519	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 45 UNCH 5 + 5 80 UNCH 5 UNCH 6 UNCH 5 UNCH 6 UNCH 6 UNCH 7 UNCH 8 UNCH 8 UNCH 9 UNCH 137 UNCH 136 UNCH 137 UNCH 137 UNCH 137 UNCH 138 UNCH 137 UNCH 137 UNCH 137 UNCH 137 UNCH 138 UNCH 137 UNCH 138 UNCH 137 UNCH 138 UNCH 137 UNCH 137 UNCH 138 UNCH 138 UNCH 137 UNCH 138 UNCH 138 UNCH 138 UNCH 138 UNCH 138 UNCH 139 UNCH 130 UNCH 131 UNCH 131 UNCH 132 UNCH 133 UNCH 134 UNCH 135 UNCH 136 UNCH	.20 .20 .25 	.20 .20 .25 
EOW2 S&P JUL18 1750 1775 1850 22940 2340 2350 2340 2420 2440 24455 2465 2270 2420 2445 2515 2525 2546 2560 2570 2600 2630 2705 2710 TOTAL  STRIKE EOW4 S&P JUL18 2515 2525 2525 2710 TOTAL  STRIKE EOW4 S&P JUL18 2515 2525 25260 2600	500 P EOW2 S&P 500 P 	(FUTURES S	ETT00	CLOSING RANGE  0)  0.15N 0.15N 0.15N 0.20N 0.90N 1.10N 1.25N 1.30N 1.50N 1.65N 2.00N 2.45N 2.10N 2.45N 2.90N 3.05N 3.30N 3.30N 3.70N 4.40N 4.80N 6.50N 11.00N 15.30 21.60N 23.10N	SETT.PRICE & PT.CHGE.  15 20+ 25+ 1.20+ 1.50+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.10+ 3.70+ 4.45+ 4.65+ 5.70+ 6.90+ 7.60+ 10.30+ 11.30+ 17.90+ 33.70+ 33.70+ 33.70+ 35.60+  EV-W4 S&P 500 PUT:	UNCH 5 30 NEW 45 45 155 1600 1700 NEW NEW NEW NEW 1255 1560 1700 NEW 1210 1250 1210 1250	.000 .001 .0011 .013 .017 .018 .020 .030 .035 .040 .064 .067 .074 .085 .116 .160 .116 .122 .277 .470 .494	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 + 65 10 + 5 UNCH 55 UNCH 55 UNCH 55 UNCH 50 UNCH 51 UNCH 52 UNCH 53 UNCH 54 UNCH 55 UNCH 54 UNCH 55 UNCH 55 UNCH 56 UNCH 57 UNCH 58 UNCH 58 UNCH 58 UNCH 59 UNCH 51 UNCH 51 UNCH 51 UNCH 52 UNCH 53 UNCH 54 UNCH 55 UNCH 55 UNCH 56 UNCH 57 UNCH 58 UNCH 58 UNCH 59 UNCH 50 UNCH 50 UNCH 51 UNCH	.20 .20 .25 	.20 .20 .25 
E0W2 S&P 3UL18 1750 1775 1850 2290 2340 2350 2340 2455 2440 2445 2440 2445 2450 2485 2510 2525 2526 2700 2630 2650 2770 2600 2705 2710 TOTAL  STRIKE E0W4 S&P 3USTRIKE E0W4 S&P 2515	500 P EOW2 S&P 500 P 	(FUTURES S	ETT00	CLOSING RANGE  1)  0. 15N 0. 15N 0. 15N 0. 20N 0. 90N 1. 10N 1. 15N 1. 25N 1. 30N 1. 65N 1. 85N 2. 10N 2. 45N 2. 90N 3. 35N 3. 30N 3. 70N 4. 40N 4. 80N 6. 50N 11. 00N 15. 30 21. 66N 23. 10N  WK  CLOSING RANGE  1) 7. 20N 7. 40N	SETT.PRICE & PT.CHGE.  1.15 2.20+ 2.25+ 1.20+ 1.50+ 1.55+ 1.70+ 2.35+ 2.70+ 3.00+ 3.10+ 3.70+ 4.45+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+ 14.30+ 17.90+ 31.80+ 33.70+ 33.70+ 44.65+ 5.70+ 6.90+ 7.60+ 10.30+ 17.90+ 10.30+ 17.90+ 10.30+	UNCH 5 30 NEW 45 45 45 150 1700 NEW NEW NEW 125 150 1700 NEW 280 280 690 11210 1250 S	.000 .001 .001 .013 .017 .018 .020 .021 .026 .030 .042 .052 .067 .074 .085 .105 .105 .116 .120 .227 .277 .470 .494 .519	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 45 UNCH 5 + 5 10 + 5 5 + 5 10 + 5 5 UNCH 6 UNCH 6 UNCH 7 UNCH 8 UNCH 137 UNCH 136 UNCH 137 UNCH 137 UNCH 137 UNCH 138 UNCH 137 UNCH 137 UNCH 137 UNCH 138 UNCH 137 UNCH 138 UNCH 137 UNCH 138 UNCH 137 UNCH 138 UNCH 138 UNCH 139 UNCH 130 UNCH 130 UNCH 130 UNCH 131 UNCH 137 UNCH 137 UNCH 138 UNCH 138 UNCH 139 UNCH 130 UNCH 130 UNCH 130 UNCH 131 UNCH 137 UNCH 137 UNCH 138 UNCH 138 UNCH 139 UNCH 130 UNCH 130 UNCH 130 UNCH 130 UNCH 131 UNCH 137 UNCH 137 UNCH 138 UNCH 138 UNCH 138 UNCH 139 UNCH 130 UNCH	.20 .20 .25 	.20 .20 .25 
EOW2 S&P JUL18 1753 1775 1850 22340 23340 23350 24400 24400 24455 24400 24455 2510 2515 2525 2570 26300 2700 2700 2700 2701 IOTAL  STRIKE EOW4 S&P JUL18 SCP 2520 2605 TOTAL	500 P EOW2 S&P 500 P 	(FUTURES S	ETT00	CLOSING RANGE  1)  0. 15N 0. 15N 0. 15N 0. 20N 0. 90N 1. 10N 1. 15N 1. 25N 1. 30N 1. 65N 1. 85N 2. 10N 2. 45N 2. 90N 3. 35N 3. 30N 3. 70N 4. 40N 4. 80N 6. 50N 11. 00N 15. 30 21. 66N 23. 10N  WK  CLOSING RANGE  1) 7. 20N 7. 40N	SETT.PRICE & PT.CHGE.  1.15 20+ 25+ 1.20+ 1.50+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.70+ 4.45+ 4.65+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+ 14.30+ 17.90+ 33.70+ SETT.PRICE & PT.CHGE.	UNCH 5 5 5 NEW 405 45 45 45 45 45 45 45 45 45 45 45 45 45	.000 .001 .001 .013 .017 .018 .020 .021 .026 .030 .042 .052 .067 .074 .085 .105 .105 .116 .120 .227 .277 .470 .494 .519	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 + 65 10 + 5 UNCH 55 UNCH 55 UNCH 55 UNCH 50 UNCH 51 UNCH 52 UNCH 53 UNCH 54 UNCH 55 UNCH 54 UNCH 55 UNCH 55 UNCH 56 UNCH 57 UNCH 58 UNCH 58 UNCH 58 UNCH 59 UNCH 51 UNCH 51 UNCH 51 UNCH 52 UNCH 53 UNCH 54 UNCH 55 UNCH 55 UNCH 56 UNCH 57 UNCH 58 UNCH 58 UNCH 59 UNCH 50 UNCH 50 UNCH 51 UNCH	.20 .20 .25 	1.80
EOW2 S&P JUL18 1750 1775 1850 22940 2340 2350 22340 2455 2440 24455 2440 24455 2460 22485 2510 25250 2630 2650 27700 2630 2700 2700 10114  STRIKE EOW4 S&P JUL18 25115 2520 2605 TOTAL  STRIKE S&P, 500 F SEP18	500 P EOW2 S&P 500 P	(FUTURES S	LOW LOW 277. 270	CLOSING RANGE  (1)  0. 15N  0. 15N  0. 15N  0. 20N  0. 90N  1. 10N  1. 25N  1. 30N  1. 55N  1. 85N  2. 90N  2. 15N  2. 90N  3. 30N  3. 30N  4. 40N  4. 80N  6. 50N  8. 80N  11. 00N  21. 66N  23. 10N  WK  CLOSING RANGE  (1)  7. 20N  7. 40N  13. 40N	SETT. PRICE & PT. CHGE.  1.15 2.20+ .25+ 1.20+ 1.50+ 1.50+ 1.75+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.10+ 3.70+ 4.45+ 4.65+ 5.70+ 6.90+ 7.60+ 10.30+ 11.80+ 33.70+ 35.60+  EV-W4 S&P 500 PUT:  SETT. PRICE & PT. CHGE.	UNCH 5 30 NEW 45 45 45 155 1600 1700 NEW NEW NEW 125 1550 1700 1250 1250 1250 1250 1250 1250 1250 12	.000 .001 .0011 .013 .017 .018 .020 .0216 .030 .035 .040 .042 .064 .067 .074 .085 .105 .105 .105 .105 .116 .160 .160 .160 .151 .160 .160 .160 .160 .161 .161 .161 .16	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 5 + 5 10 + 5 1 UNCH 5 UNCH 6 UNC	#IGH  .20 .20 .25 1.80 6.50 15.30 HIGH  HIGH	.20 .20 .25
EOW4 S&P JUL18 JUL18 JUL18 1775 1775 1850 22340 23340 23365 2370 2440 2445 2440 24455 22460 22440 22455 22560 22700 2630 2630 2630 2630 2700 2700 2700 2700 2700 2700 2700 27	500 P EOW2 S&P 500 P	(FUTURES S	ETT00	CLOSING RANGE  1)  0.15N 0.15N 0.15N 0.20N 0.90N 1.15N 1.25N 1.30N 1.50N 1.55N 1.35N 1.30N 2.10N 2.45N 2.90N 3.30N 3.70N 4.40N 4.480N 4.50N 6.50N 8.80N 11.00N 15.30 21.60N 23.10N  WK  CLOSING RANGE  1)  7.20N 7.40N 13.40N  CLOSING RANGE  10.90 9.10N 0.10N 0.20N 0.20N 0.20N 0.30N	SETT. PRICE & PT. CHGE.  SETT. PRICE & PT. CHGE.  1.15 2.20+ 2.25+ 1.20+ 1.50+ 1.55+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.70+ 4.45+ 4.65+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+ 14.30+ 17.90+ 31.80+ 33.70+ 33.70+ 31.80+ 33.70+ 31.80+ 33.70+ 31.80+ 33.70+ 31.80+ 31.80+ 32.70+ 33.60+  EV-W4 S&P 500 PUT:  SETT. PRICE & PT. CHGE.  10.00+ 10.30+ 10.30+ 10.30+ 10.30+ 10.30+ 10.30+ 10.30+ 10.31+ 10.40+ 10.30+ 10.	UNCH 1250 1250 1250 1250 1250 1250 1250 1250	.000 .001 .001 .001 .013 .017 .018 .020 .031 .040 .042 .052 .052 .064 .067 .064 .085 .116 .1160 .222 .277 .474 .494 .519	CISES	VOLUME TRADES CLEARED  5 5 5 5 5 2 32  VOLUME TRADES CLEARED  0	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 + 5 UNCH 55 + 5 UNCH 40 UNCH 55 + 5 UNCH 55 + 5 UNCH 55 + 5 UNCH 55 + 5 UNCH 55 UNCH 55 + 5 UNCH 55 UNCH 137 UNCH	-CONTR HIGH	1.80
E0W4 S&P JUL18 JUL18 1750 1775 1850 2290 2340 2350 2365 2370 2440 2445 2440 24455 22460 22440 22455 22560 22700 2630 2630 2630 2630 2700 2700 2700 2700 2700 2700 2700 27	500 P EOW2 S&P 500 P	(FUTURES S	LOW  LOW  LOW  LOW  LOW  LOW  LOW  LOW	CLOSING RANGE  1)  0. 15N 0. 15N 0. 15N 0. 15N 0. 20N 0. 90N 1. 10N 1. 15N 1. 25N 1. 30N 1. 50N 1. 85N 2. 90N 2. 145N 2. 90N 3. 90N 3. 30N 3. 30N 3. 70N 4. 40N 4. 80N 6. 50N 8. 80N 11. 00N 21. 66N 23. 10N  WK  CLOSING RANGE  1)  7. 20N 7. 40N 13. 40N 13. 40N  CLOSING RANGE  10. 2360 0. 10N 0. 20N 0. 30N 0. 35N 0. 55N	SETT.PRICE & PT.CHGE.  .15 .20+ .25+ .120+ .155+ .170+ .1.75+ .1.75+ .1.70+ .1.75+ .1.70+ .1.75+ .1.70+ .1.75+ .1.70+ .1.75+ .1.70+ .1.75+ .1.70+ .1.75+ .1.70+ .1.75+ .1.70+ .1.75+ .1.70+ .1.75+ .1.	UNCH 5 5 5 80 2990 5 5 80 UNCH UNCH 5 5 5 80 UNCH UNCH 5 5 5 80 UNCH UNCH 5 5 80 UNCH 5 80 UNCH UNCH 5 80 UNCH 5	.000 .001 .001 .001 .013 .017 .018 .020 .031 .040 .042 .052 .064 .067 .067 .116 .1160 .222 .277 .470 .494 .519 	CISES	VOLUME TRADES CLEARED  5 5 5 5 5 5 5 2 32  VOLUME TRADES CLEARED  0  VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 + 5 10 + 5 5 10	#IGH  .20 .20 .25 1.80 1.80 6.50 15.30	.20 .20 .25
EOW2 S&P JUL18 1753 1775 1850 22340 23340 23350 2400 2440 24455 2460 24485 2510 2515 2525 2540 2515 2525 2570 2630 2700 2700 2705 2710 IOTAL  STRIKE EOW4 S&P JUL18 S&P JUL18 SSP 150 505 IOTAL  STRIKE S&P 500 F IOTAL  STRIKE S&P 500 F IOTAL  STRIKE 1000 11000 11000 11000 11700 11800 11700 11800 11900	500 P EOW2 S&P 500 P	(FUTURES S	LOW  LOW  LOW  LOW  ETT00	CLOSING RANGE  1)  0.15N 0.15N 0.15N 0.15N 0.20N 0.90N 1.10N 1.25N 1.30N 1.50N 1.85N 2.00N 2.45N 2.10N 2.45N 2.90N 3.05N 3.30N 3.30N 3.70N 4.40N 4.80N 6.50N 15.30 21.60N 23.10N  WK  CLOSING RANGE  1)  7.20N 7.40N 13.40N 13.40N  CLOSING RANGE  14.90 7.20N 7.40N 13.40N 13.70N 13.70N 13.70N 13.70N 23.10N	SETT. PRICE & PT. CHGE.  1.1520+25+1.20+1.50+1.50+1.50+1.70+1.75+1.70+1.75+1.70+1.75+1.70+1.75+1.70+1.75+1.70+1.75+1.70+1.75+1.	UNCH 55 30 NEW 455 460 705 1160 1250 1250 1250 1250 1250 1250 1250 125	.000 .001 .001 .001 .001 .013 .017 .018 .020 .021 .026 .030 .035 .040 .042 .064 .067 .074 .085 .105 .105 .116 .160 .160 .1222 .277 .474 .494 .519  DELTA  DELTA  DELTA  DELTA	EXER CISES  EXER CISES	VOLUME TRADES CLEARED  5 5 5 5 5 5 2 32  VOLUME TRADES CLEARED  0  VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 UNCH 57 UNCH 137 UNCH 137 UNCH 137 UNCH 137 UNCH 137 UNCH 137 UNCH 237  OPEN INTEREST  3 UNCH 500 UNCH 500 UNCH 2000 UNCH 20		.20 .20 .25
EOW2 S&P JUL18 1753 1775 1850 22340 23340 23350 22400 2440 2455 22460 22440 22510 22510 22510 22570 26630 2650 27700 2705 2710 IOTAL  STRIKE EOW4 S&P JUL18 SSP SOO F SEP18 1000 11000 11000 11700 11800 11900 11950	500 P	(FUTURES S	LOW  LOW  LOW  LOW  ETT000	CLOSING RANGE  1)  0.15N 0.15N 0.15N 0.15N 0.20N 0.90N 1.10N 1.25N 1.30N 1.50N 1.65N 2.00N 2.45N 2.10N 2.45N 3.35N 3.30N 3.70N 4.40N 4.80N 6.50N 11.00N 21.60N 23.10N  WK  CLOSING RANGE  1) 7.20N 7.40N 13.40N 13.40N  CLOSING RANGE  1) 7.20N 7.40N 13.40N 13.40N  CLOSING RANGE  1) 7.20N 7.40N 13.40N 13.70N 13.70N 13.70N 13.70N 15.30 21.60N 23.10N	SETT. PRICE & PT. CHGE.  1.1520+25+1.20+1.50+1.50+1.50+1.70+1.75+1.70+1.75+1.70+1.75+1.70+1.75+1.70+1.75+1.70+1.75+1.70+1.75+1.75+1.70+1.75+1.70+1.	UNCH 1255 1500 1250 1250 1250 1250 1250 1250	.000 .001 .001 .001 .001 .001 .017 .018 .020 .021 .026 .030 .035 .040 .042 .064 .067 .074 .085 .105 .116 .160 .160 .1222 .277 .474 .494 .519  DELTA  DELTA  DELTA  DELTA	EXER CISES	VOLUME TRADES CLEARED  5 5 5 5 5 2 32  VOLUME TRADES CLEARED  0  VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 UNCH 40 UNCH 30 UNCH 3136 UNCH 3136 UNCH 859 + 30  OPEN INTEREST  30 UNCH 50 UNCH 50 UNCH 3137 UNCH 3137 UNCH 3137 UNCH 3137 UNCH 3137 UNCH 3137 UNCH 3136 UNCH 3136 UNCH 3137 U		.20 .20 .25
EOW2 S&P JUL18 1750 1775 1850 12790 12340 2340 2350 22340 2440 24455 2440 24455 2460 22485 2510 25250 2600 2700 2700 2700 2701  TOTAL  STRIKE EOW4 S&P JUL18 2515 2520 2605 TOTAL  STRIKE S&P 500 F SEP18 1000 11000 12000 14000 12000 14000 12000 12000 12000 12000 12000 12000 20090 20100	500 P EOW2 S&P 500 P	(FUTURES S	LOW LOW ETT	CLOSING RANGE  (1)  0. 15N 0. 15N 0. 15N 0. 15N 0. 20N 0. 90N 1. 10N 1. 15N 1. 25N 1. 30N 1. 50N 1. 65N 2. 90N 2. 145N 2. 90N 3. 95N 3. 95N 3. 95N 3. 70N 4. 40N 3. 70N 4. 480N 6. 50N 4. 880N 11. 00N 21. 66N 23. 10N  WK  CLOSING RANGE  (1)  7. 20N 7. 40N 13. 40N  CLOSING RANGE  (2)  7. 20N 7. 40N 13. 40N  CLOSING RANGE  (2)  7. 20N 7. 40N 13. 40N  CLOSING RANGE  (3) 7. 20N 7. 40N 13. 40N  CLOSING RANGE  (4. 90 - 2360 ) 0. 10N 0. 20N 0. 25N 0. 55N 0. 25SN 0. 25SN 0. 25SN 0. 25N 0. 30N 0. 25SN 0. 25SN 0. 30N 0. 25SN 0. 35N 0. 25SN 0. 35N 0. 25SN 0. 35N 0. 25SN 0. 35N 0. 25SN 0. 36SN 0. 465N 0. 465N	SETT. PRICE & PT. CHGE.  1.15 2.20+ .25+ 1.20+ 1.50+ 1.50+ 1.75+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.10+ 3.70+ 4.45+ 4.65+ 5.70+ 6.90+ 7.60+ 10.30+ 11.80+ 33.70+ 35.60+  EV-W4 S&P 500 PUT:  SETT. PRICE & PT. CHGE.  10.00+ 10.30+ 119.20+  S&P 500 PUTS  SETT. PRICE & PT. CHGE.	UNCH 5 5 5 3 8 W NEW NEW NEW NEW NEW NEW NEW NEW NEW N	.000 .001 .001 .001 .001 .001 .013 .017 .018 .020 .0216 .030 .035 .040 .042 .0624 .067 .074 .085 .105 .105 .105 .105 .101 .160 .160 .160 .160 .160 .161 .160 .161 .160 .161 .160 .161 .160 .160	EXER CISES  EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 + 565 UNCH 10 + 5	-CONTR HIGH	.20 .20 .25
EOW2 S&P JUL18 1750 1775 1850 12790 12340 2340 2350 22340 2350 2440 2445 2440 24455 2460 22440 22455 2460 22570 2600 2700 2705 2710  TOTAL  STRIKE EDUL18 SUL18 SEP 500 TOTAL  STRIKE S&P 500 TOTAL  STRIKE S&P 500 TOTAL  STRIKE S&P 500 TOTAL  1100 1200 1400 1500 1700 1200 1400 1200 1400 1200 1920 1950 2090 21100 2125 2150	500 P EOW2 S&P 500 P	(FUTURES S	LOW LOW ETT000	CLOSING RANGE  (1)  0. 15N 0. 15N 0. 15N 0. 15N 0. 20N 0. 90N 1. 10N 1. 15N 1. 25N 1. 30N 1. 65N 2. 90N 2. 145N 2. 90N 3. 05N 3. 30N 3. 70N 4. 40N 3. 05N 3. 70N 4. 480N 6. 50N 4. 88N 11. 00N 21. 66N 23. 10N  WK  CLOSING RANGE  (1)  7. 20N 7. 40N 13. 40N 13. 40N  CLOSING RANGE  (1)  7. 20N 7. 40N 13. 40N  CLOSING RANGE  (1)  7. 20N 7. 40N 13. 40N  CLOSING RANGE  (2)  7. 20N 7. 40N 13. 40N  CLOSING RANGE  (2)  7. 20N 7. 40N 13. 40N  CLOSING RANGE  (3) 7. 20N 7. 40N 13. 40N  CLOSING RANGE  (4. 90 - 2360 ) 0. 10N 0. 20N 0. 20N 0. 30N 0. 55N 0. 75N 0. 25SN 0. 26SN 0. 5. 60N 0. 5. 60N	SETT. PRICE & PT. CHGE.  1.15 2.20+ .25+ 1.20+ 1.50+ 1.50+ 1.75+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.10+ 3.70+ 4.45+ 4.65+ 5.70+ 6.90+ 7.60+ 10.30+ 11.80+ 33.70+ 35.60+ EV-W4 S&P 500 PUT:  SETT. PRICE & PT. CHGE.  10.00+ 10.30+ 119.20+  S&P 500 PUTS  SETT. PRICE & PT. CHGE.	UNCH 5 5 5 3 8 W NEW N125 5 1 1 1 1 2 5 0 1 2 5 8 0 1 2 5 8 0 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	.000 .001 .001 .001 .001 .001 .001 .013 .018 .020 .021 .026 .030 .035 .040 .042 .064 .067 .074 .085 .105 .105 .106 .160 .160 .222 .277 .494 .519  DELTA  DELTA  DELTA  DELTA  DELTA  DELTA  DELTA	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 + 565 UNCH 10 + 5		.20 .20 .25
EOW2 S&P JUL18 1750 1775 1850 22340 23340 23350 23400 2440 2445 24400 24455 22460 2485 2510 2515 2525 2540 2630 2630 2630 2630 2630 2700 2700 2700 2700 2700 2700 2700 27	500 P EOW2 S&P 500 P	(FUTURES S	LOW  LOW  ETT000  LOW  ETT270	CLOSING RANGE  1)  0.15N 0.15N 0.15N 0.15N 0.20N 0.90N 1.10N 1.15N 1.30N 1.55N 1.30N 1.65N 2.10N 2.45N 2.90N 3.30N 3.70N 4.40N 4.480N 4.480N 4.480N 6.50N 8.80N 11.00N 23.10N  WK  CLOSING RANGE  1) 7.20N 7.40N 13.40N  CLOSING RANGE  1) 7.20N 7.40N 13.40N 13.40N  CLOSING RANGE  1) 7.20N 7.40N 13.40N  CLOSING RANGE	SETT. PRICE & PT. CHGE.  SETT. PRICE & PT. CHGE.  1.15 2.20+ 2.25+ 1.20+ 1.50+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.00+ 3.00+ 3.70+ 4.45+ 4.65+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+ 11.30+ 11.30+ 17.90+ 33.70+ 33.70+ 33.60+  EV-W4 S&P 500 PUT:  SETT. PRICE & PT. CHGE.  10.00+ 10.30+ 10.30+ 10.30+ 10.30+ 10.30+ 10.30+ 10.30+ 10.35+ 2.0	UNCH 55 50 NEW 445 450 7705 11600 1250 1250 1250 1250 1250 1250 1250 12	.000 .001 .001 .001 .001 .001 .013 .017 .018 .020 .030 .040 .051 .064 .067 .074 .085 .116 .160 .160 .160 .160 .160 .1222 .277 .494 .519  DELTA  DELTA  DELTA  DELTA  .000 .001 .002 .003 .007 .010 .001 .002 .003 .007 .015 .017 .019 .023 .034 .038 .042 .051 .063 .066	EXER CISES  EXER CISES	VOLUME TRADES CLEARED  5 5 5 5 5 5 5 2 32  VOLUME TRADES CLEARED  0  VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 + 5 10 + 5 10 UNCH 55 + 5 5 10 + 5 5 10 UNCH 55 + 5 10 UNCH 55 UNCH 57 UNCH 137 UNCH 139 UNCH 1400 UNCH 1400 UNCH 1400 UNCH 1500 UNCH 15		.20 .20 .25
EOW2 S&P JUL18 1750 1775 1775 1850 12290 2340 2350 2340 2455 2440 24455 2460 24485 2510 2515 25253 2540 2650 2700 2705 2710  IDITAL  STRIKE EDW4 S&P JUL18 S&P JUL18 S&P SOO F SEP18 1000 1100 1200 1400 1500 11700 11800 11900 11900 11900 11900 11900 11900 11910 12000 11910 12000 12105 22150 22000	500 P EOW2 S&P 500 P	(FUTURES S	LOW  LOW  ETT000  LOW  ETT000  *3.90	CLOSING RANGE  (1)  0. 15N  0. 15N  0. 15N  0. 15N  0. 20N  0. 20N  0. 10N  1. 15N  1. 25N  1. 30N  1. 65N  2. 10N  2. 45N  2. 10N  2. 45N  2. 90N  3. 30N  3. 30N  3. 70N  4. 40N  6. 50N  1. 30N  WK  CLOSING RANGE  (1)  7. 20N  7. 40N  13. 40N  CLOSING RANGE  (2)  7. 20N  7. 40N  13. 40N  CLOSING RANGE  (2)  7. 20N  7. 40N  13. 40N  CLOSING RANGE  (3)  7. 20N  7. 40N  13. 40N  13. 40N  CLOSING RANGE  (4) 90 - 2360  (5) 20N  (6) 20N  (7) 20N  (7) 20N  (7) 20N  (8) 20N  (9) 20N  (1) 20N  (1) 20N  (2) 2360  (1) 20N  (2) 2360  (3) 20N  (4) 20N  (5) 20N  (6) 20N  (7) 20N  (7) 20N  (7) 20N  (8) 20N  (9) 20N  (9) 20N  (1) 20N  (1) 20N  (1) 20N  (2) 20N  (3) 20N  (4) 20N  (5) 50N  (6) 50N  (6) 60N  (6) 80N  (7) 60N  (6) 80N  (7) 80N  (7) 80N  (7) 80N  (8) 80N  (9) 8	SETT. PRICE & PT. CHGE.  1.1520+25+ 1.20+ 1.50+ 1.50+ 1.70+ 1.75+ 2.10+ 2.35+ 2.70+ 3.00+ 3.70+ 4.45+ 4.65+ 5.00+ 5.70+ 6.90+ 7.60+ 10.30+ 11.90+ 14.30+ 17.90+ 33.70+ 6.90+ 7.60+ 10.30+ 11.90+ 10.30+ 12.90+ SETT. PRICE & PT. CHGE.  10.00+ 10.30+ 19.20+  SETT. PRICE & PT. CHGE.	UNCH 5 5 5 3 8 W NEW N125 5 1 1 1 1 2 5 0 1 2 5 8 0 1 2 5 8 0 1 1 3 4 0 0 0 1 1 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.000 .001 .001 .001 .001 .0017 .018 .020 .0210 .026 .030 .035 .040 .052 .052 .052 .052 .052 .052 .052 .05	CISES	VOLUME TRADES CLEARED	OPEN INTEREST  20 UNCH 80 UNCH 80 UNCH 45 UNCH 55 + 56 UNCH 10 + 5	-CONTR HIGH	.20 .20 .25

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Side 02

**S&P 500 PUT OPTIONS** 

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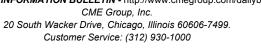


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Sub-Place   Sub-					FII	NAL							
THE COLUMN SET 1999 TO SET 199	PG50	BULLETIN #123@					NS			Wed	, Jun	27, 201	.8 PG50
THE COLUMN SET 1999 TO SET 199	2290				9.70N	11.80+	210	.075		34		53.00	38.20
	2310				10.10N 10.50N 13.50N	12.80+	230	.081	 	25	UNCH		11.40
Column   C	2400 2425				15.00N 16.70N	20.60+	350 390	.135	 	2143 38	UNCH UNCH	82.00 20.30	20.30
	2440				17.00N 17.70N	21.10+ 22.00+	430	.138 .145	 	154	UNCH		
THE STATE OF THE S	2475				20.80N	25.70+ 25.70+ 26.20+	490	.170 .173	 	36	UNCH		
	2500 2510				23.20N	28.60+	570	.190	 	454	UNCH UNCH		
Commerce of the content of the con	2520 2525 2540				26.00N	32.00+	600	.208	 	4 <u>1</u>	UNCH		
Commerce of the content of the con	2550 2560				29.10N 30.40N	3/.50+	680 710	.239	 	2	UNCH UNCH		
CHORDES SATT. 1700-18. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	2575				32.50N	39.30+ 40.20+ 41.10+	750 770 780	.262	 	2000	UNCH		
Company Name	2600 2610				36.80N 38.60N	45.00+ 47.20+	820 860	.301 .315	 	22 <del>4</del> 40	UNCH UNCH		
## 100	2630				42.50N	50.60+	930	.33/	 	21 20	UNCH	71.50	71.50
Company   Comp	2650				46.80N	56.90+ 58.20+	1010	.378	 	205	UNCH		
## 15 Company Serv. 1998   1999   199	2660 2675				49.20N 53.00N	64.10+	1040 1110	.424	 	50	UNCH UNCH		
## 150	2690				55.80N 57.20N 60.20N	67.30+ 68.90+ 72.20+	1150 1170 1200	. 454	 		UNCH		
## 15   15   15   15   15   15   15   15	2/50				68.20N 77.40N	81.50+ 92.40+	1330 1500	. 532 . 593	 	1	UNCH UNCH		
Column   C	2760 2775				81.60N 88.60N	9/.20+	1560 1650	.619 .658	 	40	UNCH		
Column	2850				134.50N	155.20+	2070	.847		50	UNCH		
## CALL STATE OF THE PROPERTY	DEC18				0.45N	. <u>5</u> 5+	10			5	UNCH	4.50	1.40
	1200				0.65N	.80+	10 15 15	.002	 	3	UNCH	2.10	
	1600				1.90N 2.60N	2.20+ 3.05+	30 45	.008 .011	 	40 73	UNCH UNCH	27.00 8.60	6.20 7.90
180	1650 1700				3.05N 3.60N	3.60+ 4.30+	5.5	.014 .017	 	58	UNCH UNCH	24.50	20.00
\$ 1.50	1850 1850 1950				5.90N	6.90+ 9.70+	100	.040	 	140 4	UNCH	26.00	9.50
## 1985   1986   1998	2000				9.70N 11.50N	11.60+ 13.60+	190 210	.048 .057	 	6	UNCH UNCH	60.00	60 00
150	2200				18.90N	16.00+ 22.20+ 25.10+	330	.095	 	155	UNCH	42.30 90.00 62.00	24.00 25.30 27.50
\$200	2250 2300				22.20N	25.90+	370 450	.111	 	2	UNCH		
\$200	2350 2400				36.30N	35 80⊥	570	.155 182	 	2 126	UNCH	130.00	48.20
\$200	2450				42.70N	45.30+ 49.30+ 57.90+	660	.214	 	1	UNCH		
\$283	2525 2550				54.80N 59.40N	07.00+	790 840	.271 .294	 	2 184	UNCH		
TYPE	2625				75.90N	86.00+	1010	.343	 	2	UNCH		
Full Color	2700 2750				97.10N	109.30+ 128.70+	1220 1420	.467 .542	 		UNCH		
100   100	TOTAL MAR19		(FUTURES	SETT00)							8		
Color	2000				7.30N 18.30N 24.30N	8.30+ 20.60+ 27.30+	230	.027	 	9	UNCH	15.50B	
12-100	TOTAL				37.60N	42.10+						33.80	33.80
College   Coll	1700				12.10N	13.30+	120	.037			UNCH	26.00	10.20
1400	EOM S&P JUN18					CAR					UNCH		
1475	1400 1425					CAB CAB			 	600 118	UNCH UNCH	.35	.35
CAB	1475					CAB			 	118	UNCH		
1600	1550 1575					CAB			 	118 261	UNCH UNCH	. 35	.35
1600	1625					CAB			 	1059			
1.150										336	UNCH	.35	.104
1700	1670					CAB				236 118	UNCH UNCH UNCH	.35 .40	
1776	1670 1690 1700 1710	   				CAB CAB CAB CAB			 	236 118 118 50 118	UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .35 .10	.35 .10 .35
1810	1670 1690 1700 1710 1725 1750	     	  			CAB CAB CAB CAB CAB CAB			 	236 118 118 50 118 118 250	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .35 .10 .35 .35	.35 .10 .35 .35
1840	1670 1690 1700 1710 1725 1750 1760 1775 1780	      	   			CAB		   	 	236 118 118 50 118 118 250 118 55 300	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .35 .10 .35 .35 .35  .35	.35 .10 .35 .35 .35 .35
1900	1670 1690 1700 1710 1725 1750 1760 1775 1780 1800 1810	      		    		CAB		    	 	236 118 118 50 118 118 250 118 55 300 675 118	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .35 .10 .35 .35 .35 .35 .35 .20 .15	.35 .10 .35 .35 .35 .35 .35
1925	1670 1690 1700 1710 1725 1750 1760 1775 1780 1800 1810 1820 1840 1850	      	      	     	===== ===== ===== ===== ==== ===== =====	CAB				236 118 118 50 118 250 118 250 300 675 118 857 464	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .35 .35 .90 .15 .20 .40 .20	.35 .35 .35 .35 .35 .35 .35 .15 .10 .20A
1970	1670 1690 1700 1710 1715 1750 1760 1775 1800 1810 1820 1840 1850 1870 1900	      	      	      	      	CAB				236 118 118 50 118 118 250 118 55 300 675 118 857 464 1002 3	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .35 .10 .35 .35 .35 .90 .15 .20 .40 .20 .20	.35 .10 .35 .35 .35 .35 .35 .15 .10 .20A .15 .35
2030	1670 1690 1700 1710 17125 1750 1760 1775 1780 1810 1820 1840 1840 1870 1920 1920 1925			      		CAB				236 118 118 118 118 118 250 1118 55 300 675 118 857 464 1002 3 750 100 50	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 0 .35 .10 .35 .35 1 .90 .15 .20 .40 .20 .20 .20 .20 .20 .15 .15 .15	
2050	1670 1690 1700 1710 1725 1750 1760 1775 1780 1800 1810 1840 1840 1840 1920 1920 1925 1925 1920			      		CAB				236 118 118 118 118 118 250 118 250 118 55 300 675 118 857 464 1000 50 918 1000 2260	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .35 .10 .35 .35 .90 .15 .20 .40 .20 .20 .20 .20 .20 .20 .20 .20 .20 .2	.35 .10 .35 .35 .35 .35 .15 .10 .20A .15 .35 .15 .10 .10 .10 .10
2100         CAB         4100   UNCH   .35   .10	1670 1690 1700 17100 17100 1725 1750 17760 17780 18800 18100 1820 18400 1920 1920 1920 1920 1920 1920 2000 2025			      		CAB				236 118 118 118 118 118 250 1118 250 118 55 300 675 118 857 464 1002 3 750 100 50 918 1000 2260 1549 118	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .105 .35 .35 .35 .90 .15 .20 .20 .20 .15 .20 .15 .20 .20 .20 .20 .20	
2170	1670 1690 1700 1710 1725 1750 17780 1800 1880 1880 1850 1920 1925 1950 2000 2000 2050 2040 2050					CAB				236 118 118 118 118 250 1118 250 118 250 675 118 857 464 1002 3 750 100 2260 1549 118 48 283 225	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .35 .35  .35 .20 .40 .20 .20 .20 .20 .20 .20 .20 .20 .20 .2	.35 .10 .35 .35 .35 .35 .35 .15 .10 .20A .15 .15 .120 .10 .10A .10 .20
2175	1670 1690 1700 1710 1725 1750 1775 17780 1870 1880 1880 1880 1990 1990 1920 2000 2000 2000 2000 2010 201					CAB				236 118 118 118 118 250 1118 250 1118 250 675 118 857 464 1002 50 918 1000 2260 1549 118 283 225 200 4100	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .90 .15 .20 .20 .15 .20 .20 .20 .20 .20 .20 .20 .20 .20 .20	.35 .10 .35 .35 .35 .35 .15 .10 .20A .15 .35 .10 .10 .10 .10 .10 .20 .10 .10 .10 .10 .10 .10 .10 .10 .10 .1
2300           0.05	1670 1690 1700 17100 17110 1725 1750 17750 17760 11780 18100 18200 18400 18200 18500 1920 1920 2030 20400 2050 2050 2050 2125 2125 2125 21270					CAB				236 118 118 118 1250 118 250 118 250 6075 118 887 464 1000 23 750 100 918 1000 2260 1118 48 283 225 200 4100 25 25 25 25 25 25 25 25 25 25 25 25 25	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .35 .20 .40 .20 .20 .20 .20 .20 .20 .20 .20 .20 .2	
2300           0.05	1670 1690 1700 17100 17101 17102 1750 1750 17750 18760 17780 18800 18810 1820 18820 18900 1920 1920 2030 20400 2050 20400 2050 2070 21000 21000 21000 21100 21700					CAB				236 118 118 118 1250 118 250 118 250 118 250 118 857 464 1000 23 750 100 50 918 1000 2260 1549 118 283 225 200 4100 4100 4100 4100 4100 4100 4100	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .35 .105 .35  .35 .90 .20 .20 .20 .20 .15 .15 .15 .35 .35 .15 .35 .35 .15 .35 .35 .35 .35 .35 .35 .35 .35 .35 .3	.35 .10 .35 .35 .35 .35 .35 .15 .10 .20A .15 .15 .10 .10 .10 .10A .10 .20 .20 .20 .15 .15 .10 .10 .10A .10 .10A .10 .10A .10A .10
2300           0.05	1670 1690 1700 1710 1725 1750 1750 17780 11780 11810 1820 1850 1900 1925 2030 1925 2030 2050 2070 2050 2175 2180 22175 2180 2225					CAB				236 118 118 118 118 250 118 250 675 118 857 464 1000 50 918 1000 2260 1549 118 48 225 200 4100 225 2165 283 1078 +	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40  .310 .35  .35 .20 .40 .20 .20 .20 .20 .20 .20 .20 .20 .20 .2	
2300           0.05	1670 1690 1700 1710 1725 1750 1750 17780 11810 1820 1880 1890 1990 1995 1990 1970 2000 2025 2030 2040 2020 2040 2020 2050 2040 2020 2050 2040 2050 2070 2125 2180 22175 2180 2225 2250					CAB				236 118 118 118 118 250 118 250 118 250 675 118 857 464 1000 200 50 918 1000 2260 1549 118 48 225 200 4100 225 2365 2465 257 267 27 27 27 283 27 27 27 27 27 27 27 27 27 27 27 27 27	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .105 .35 .35 .90 .20 .20 .20 .20 .15 .15 .15 .35 .15 .35 .15 .35 .35 .15 .35 .35 .15 .35 .35 .35 .35 .35 .35 .35 .35 .35 .3	
2330	1670 1690 1700 1710 1725 1750 1750 17780 11810 18800 18800 18900 19900 19925 19900 19702 20000 2025 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 20400 20200 2050 20400 20200 2050 20400 20200 2050 20400 20200					CAB				236 118 118 118 1250 118 250 118 250 675 118 250 675 118 857 464 1002 275 200 2260 1549 118 283 225 220 4100 225 2365 246 257 267 276 276 276 276 276 276 276 276 27	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .20 .40 .20 .20 .20 .20 .20 .20 .20 .20 .20 .2	.35 .10 .35 .35 .35 .35 .35 .15 .10 .20A .15 .15 .10 .10 .10 .10A .10 .20 .20 .20 .15 .15 .10 .10 .10A .10 .10A .10 .10A .10A .10
2335           500         UNCH           500         UNCH            500         UNCH                 20         UNCH           225            20         UNCH         4.90         .10         .10         UNCH         .000           6303         UNCH         .50         .15         .15         .25         .15         .15         .10         UNCH         .000           6303         UNCH         .70         .15         .15         .25         .15         .10	1670 1690 1700 1710 1725 1750 17750 17780 1810 1820 18810 1820 1850 1920 2020 2030 2030 2040 2050 2070 21250 2170 2175 2180 22250 2270 22250 22250 22270 22250 22280 22900					CAB				236 118 118 118 118 118 118 1250 1118 1250 675 1118 887 464 1000 200 200 150 2260 1549 118 48 283 225 25 25 25 26 26 27 27 28 28 37 20 40 40 40 40 40 40 40 40 40 40 40 40 40	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .95 .10 .20 .20 .20 .20 .20 .20 .20 .20 .20 .2	
2350           0.10N         .10         UNCH         .000           8722         UNCH         4.90         .10           2360           0.10N         .10         UNCH         .000           6303         UNCH         .50         .15           2370           0.15N         .10         UNCH         .000           4050         UNCH         .70         .15A           2375         0.10         .10         CAB         0.10         .10         5         .000           4050         UNCH         .70         .15A           2380            0.15N         10         5         .000          272         UNCH         .70         .25           2385            0.15N         .10         5         .000          2072         UNCH         .70         .10           2385            0.15N         .10         5         .000          2072         UNC	1670 1690 1700 1710 1725 1750 1775 1750 1775 1800 1810 1820 1880 1880 1990 1995 2030 1970 2000 2030 2040 2050 2040 2050 2070 2010 2100 2115 2180 2200 2175 2180 2225 2280 22200 22175 22280 22200 22175 22280 22300 23325					CAB				236 118 118 118 118 118 118 118 1250 118 1250 675 118 187 464 1000 250 1500 2260 1549 118 48 225 2260 1549 25 265 25 27 265 265 27 27 283 27 283 27 283 27 283 27 283 283 283 283 283 283 283 283 283 283	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .90 .15 .20 .20 .20 .20 .20 .20 .20 .20 .20 .20	
2385	1670 1690 1700 17100 17100 17101 17101 17105 17750 17750 17780 18800 18810 18820 18800 18900 1925 19500 2000 2000 2000 2000 2000 2000 2000					CAB				236 118 118 118 118 1250 118 250 118 250 118 18 250 100 100 260 100 2260 1549 118 48 48 225 200 4100 25 2365 225 1265 6 283 1078 + 615 + 950 103 5359 2100 4894 + 225 + 25 500 20	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .105 .35 .90 .105 .35 .20 .20 .20 .20 .15 .20 .15 .35 .15 .35 .15 .35 .15 .35 .15 .35 .15 .35 .15 .35 .35 .15 .35 .35 .35 .35 .35 .35 .35 .35 .35 .3	.35 .35 .35 .35 .35 .35 .35 .15 .10 .20A .15 .35 .10 .10 .10 .10 .20 .10 .10 .10 .10 .10 .10 .10 .10 .10 .1
2385	1670 1690 1700 1710 1710 1725 1750 17765 17780 18800 18810 18820 18900 19920 19920 20030 19925 20300 20060 2070 20060 2070 21150 21175 21175 21180 22250 22250 22250 22250 22250 22250 22250 22250 22250 22250 22250 22250 22250 22250 22250 22330 22330 22330 23355 23355 23360					CAB				236 118 118 118 118 118 118 118 118 118 11	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .105 .35 .915 .20 .20 .20 .20 .15 .105 .35 .105 .35 .105 .35 .106 .35 .107 .35 .35 .35 .35 .35 .35 .35 .35 .35 .35	.35 .35 .35 .35 .35 .35 .35 .15 .10 .20A .15 .35 .10 .10 .10 .10 .20 .10 .10 .10 .10 .10 .10 .10 .10 .10 .1
2425 CAB CAB20+ 5 .000 500 644 + 500 .45B .25A .2430 0.15N .20+ 5 .000 20 UNCH	1670 1690 1700 1710 1725 1750 1750 17750 11775 11800 11810 11820 11840 11850 11920 1					CAB				236 118 118 118 118 1250 118 250 118 250 118 250 118 250 100 250 100 260 1549 118 283 225 260 4100 252 2365 225 1265 6 283 1078 + 615 3790 103 5359 2100 4894 + 2225 + 500 20 8722 6303 220 4050	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .90 .20 .20 .15 .20 .15 .10 .20 .15 .10 .20 .15 .10 .20 .15 .15 .15 .15 .15 .15 .15 .15 .15 .15	.35 .10 .35 .35 .35 .35 .15 .10 .20A .15 .35 .10 .10 .10 .10 .20 .10 .10 .10 .10 .10 .10 .10 .10 .10 .1
2425 CAB CAB20+ 5 .000 500 644 + 500 .45B .25A .2430 0.15N .20+ 5 .000 20 UNCH	1670 1690 1700 1710 1725 1750 1750 1775 1750 11775 11800 11810 11820 11840 11850 11920 11925 11920 119		CAB			CAB			150 50 3065  1000 1700  1325 	236 118 118 118 118 1250 118 1250 118 1250 118 1250 1250 1260 1260 127 1260 127 127 127 127 127 127 127 127 127 127	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .90 .20 .20 .20 .20 .15 .15 .35 .35 .15 .35 .35 .15 .35 .35 .35 .35 .35 .35 .35 .35 .35 .3	.35 .10 .35 .35 .35 .35 .15 .10 .20A .15 .35 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10
2430 0.15N .20+ 5 .000 20 UNCH	1670 1690 1700 1710 1725 1750 17750 17780 1780 1810 1820 18810 1820 1840 1920 2020 2030 2030 2030 2040 2050 2170 2005 2170 2006 2070 21250 2175 2180 22260 2270 2275 2180 2290 22300 22100 22250 2260 2270 2275 2280 2290 2310 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 2335 2340 2325 2330 23400 23400 23410					CAB				236 118 118 118 118 1250 118 250 118 250 118 250 118 250 250 2675 118 275 200 260 1549 118 283 225 260 4100 225 2365 200 4100 255 265 275 265 283 276 283 277 277 277 277 277 277 277 277 277 27	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .90 .15 .20 .20 .20 .20 .20 .20 .20 .20 .20 .20	.35 .10 .35 .35 .35 .35 .15 .10 .20A .15 .35 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10
THE INFORMATION CONTAINED IN THIS DEPORT IS COMPILED FOR THE CONVENIENCE OF THE HISED AND IS FURNISHED WITHOUT DESPONSIBILITY FOR ACCURACY OF CONTENT. IT IS	1670 1690 1700 1710 1710 1725 1750 17750 17780 1810 1820 18810 18820 1880 18920 2092					CAB				236 118 118 118 1250 118 250 118 250 118 250 118 250 118 250 118 250 250 200 200 200 21549 118 283 225 225 265 200 4100 225 2365 225 265 263 270 200 4884 48 283 225 225 266 283 270 4884 225 260 4100 275 283 270 4884 225 260 4050 4050 4050 4050 4050 4050 4050 40	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.35 .40 .35 .10 .35 .35 .95 .20 .20 .20 .20 .20 .20 .20 .20 .20 .20	.35 .10 .35 .35 .35 .35 .15 .10 .20A .15 .35 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10

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**FINAL** 

PG50	PIII I ETTN #123@				FINAL	NC				Wed	l lun	27 201	18 PG50
						NS -	000			wet			
PG50 2435 2445 2445 2445 2475 2495 2495 2590 2515 2520 2530 2540 2535 2530 2540 2545 2550 2540 2545 2550 2540 254	BULLETIN #123@  0.20 0.10 0.10 0.10 0.35 0.30 0.35 0.30 0.15 0.30 0.30	#.20  .20 #.10  .35  .35 #.30   #.15 #.70	*.20 *.10 *.10 *.10 *.10 *.35 *.30 *.30 *.30 *.15 *.30	0.15N 0.15N 0.15N 0.15N 0.20 0.20N 0.20N 0.20N 0.20N 0.20 0.10 0.10 0.10 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N 0.35N	5&P 500 PUT OPTIO	50 100 100 NEW 105 55 55 55 55 100 150 150 150 150 150	.000 .001 .001 .001 .001 .001 .001 .001		 500  3600 400  20 115  1003 100  310 493  300 493  300	3 400 2449 53 500 + 158 51 238 2434 + 415 + 8000 1225 + 26 + 249 + 5 2711 + 124 + 77 565 - 286 134 10 55 300 + 1084 + 326 7 + 7 7 7 7 7	UNCH UNCH 1500 UNCH 1500 UNCH 1234 400 UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	.25 .20 .80 .35B .20 .210 5.30 6.30 .10 .10 .1.5B 6.70 1.60 .30 .30 1.30  2.40 2.10	L8 PG50  -20A -20 -20A -25 -20 -25 -20 -25 -20 -25 -20 -25 -20 -25 -20 -20 -25 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20
2625 2635 2640 2645 2650 2650 2675 2660 2675 2680 2695 2700 2710 2710 2710 2712 2720 2735 2735 2740 2755 2755 2755 2755 2755 2755 2755 275	1.40 0.50 3.80 3.70 6.00 21.00 8.50 8.80 3.70 8.80	#1.40	*1.40 *.50 *3.80 *3.70 *3.80 *3.70 *8.80 *8.80 *8.50 *8.50	1.40 1.00N 1.10N 0.50 1.45N 1.65N 1.95N 2.66N 3.05N 3.05N 3.05N 3.100B 7.20N 11.00B 7.20N 12.00 21.00 21.00 21.00 21.70N 20.60 30.00 37.70N 8.50 37.70N	1.30+ 2.05+ 2.40+ 2.85+ 3.35+ 3.35+ 3.95+ 5.40+ 7.40+ 10.00+ 11.60+ 13.30+ 17.60+ 20.10+ 22.90+ 22.90+ 23.10+ 37.10+ 45.90+ 60.30+ 70.10+	50 755 115 140 200 2380 335 390 710 710 930 1190 1190 11470 11620 2020 2260 2310	.027 .050 .051 .076 .076 .113 .164 .198 .235 .379 .498 .5631 .5631 .562 .8211 .8712 .994 .999		28 290 275 275 275 275 275 275 275 275 275 275	8	UNCH UNCH 7 236 222 UNCH UNCH UNCH UNCH 23 14 UNCH 275 UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH	1.40 2.45 2.50 .50 	1.40 2.95 
JUL18 1025 1100 1325 1100 1330 1650 1650 1650 1690 1730 1800 1920 1970 1970 2200 2275 2350 22100 22275 2350 22350 23365 23370 2410 2425 24450 24450 24450 24450 22450 25250 2580 26610 26500 26610 26750 TOTAL	0.95	(FUTURES S	*.95	0.05N 0.10N 0.15N 0.25N 0.25N 0.35N 0.35N 0.35N 0.45N 0.45N 0.45N 0.45N 0.45N 0.45N 0.70N 1.25N 1.	.05 .05- .10- .15 .35+ .40+ .45+ .50+ .60+ .60+ .88+ .90+ 1.10+ 1.40+ 1.40+ 1.40+ 1.55+ 2.40+ 3.15+ 4.95+ 4.95+ 5.20+ 6.70+ 6.20+ 6.70+ 9.50+ 10.40+ 11.20+ 11.20+ 11.20+ 11.20+ 11.20+ 11.20+ 12.30+ 14.50+	UNCH 100 110 110 115 1150 20 W 125 3 3 40 60 75 5 820 1150 1170 1175 1270 1175 1270 1270 1270 1270 1270 1270 1270 1270	.000 .0000 .0000 .0001 .0002 .0002 .0003 .0003 .0005 .0006 .0010 .013 .049 .0506 .0568 .068 .079 .068 .068 .079 .079 .079 .079 .079 .079 .079 .079		300  300  310  310  920	50 100 52 52 50 177 177 50 200 500 500 62 60 60 500 181 63 64 4115 250 250 1335 129 2 230 436 4 4 4 112 436 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH		.75A35 .35 .35 .35 1.50 1.60 3.10
2100 2200 2410 2415 2425 2430 2450 2500 2550 2675				3.35N 4.85N 11.30N 11.60N 12.10N 12.40N 13.60N 17.20N 22.00N 42.90N	4. 10+ 6. 00+ 14. 10+ 14. 40+ 15. 20+ 15. 50+ 17. 10+ 21. 60+ 53. 50+	75 115 280 280 310 310 350 440 560 1060	.026 .040 .105 .108 .114 .116 .129 .166 .215			45 180 253 + 250 1035 288 + 570 1008 12 1000 4694 +	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH		
SEP18 100 500 1300 2100 2500	 	(FUTURES S		 0.45N 5.50N 25.70N	CAB CAB .50+ 6.70+ 31.60+	 5 120 590	.000 .002 .038 .197		   0	10 50 2575 2080 50 4765	UNCH UNCH UNCH UNCH UNCH UNCH	.35 4.05	.35 4.05
TOTAL 0CT18 500 2050 2075 2100 2500 TOTAL	  	(FUTURES S		7.20N 7.90N 8.60N 36.00N	CAB 8.80+ 9.60+ 10.40+ 43.00+	160 170 180 700	.000 .042 .047 .051 .224		   0	10 285 2355 1820 10 4480	UNCH UNCH UNCH UNCH UNCH	.10	.10
NOV18 100 2100		(FUTURES S	SETT00)	 11.40N	CAB 13.70+	230	.061		 0	8 8 16	UNCH UNCH		
TOTAL E-MINI	S&P 500 FIXING PRICE (ESF)	: Sep19 270	2.24		ADDITIONAL S&P PUTS				U	10			
CTDT	KE OPEN RANGE	HIGH	LOW		SETT.PRIC	 E	DELTA	EXER CISES	VOLUME TRADES	( INTE	OPEN REST	CONTF	RACT LOW
	D FOO D	112311	LOW	CLOSING RANGE			DLLIA		CLEARED				

				ADDI	IONAL S&P PUT	5							
	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRI & PT.CHG		DELTA	EXER CISES	VOLUME TRADES CLEARED	( INTER	PEN REST	CONT HIGH	RACT LOW
EOW3 S&P JUL18	500 P EOW3 S&P 500 P	(FUTURES S	SETT00	))									
100					CAB					464	UNCH		
1000					CAB					15	UNCH	.25	.25
1025					CAB					7	UNCH		
1200				.05N	.05	UNCH	.000			1000	UNCH		.10A
1275				.05N	.05	UNCH	.000			60	UNCH		
1300				.05N	.05	UNCH	.000			85	UNCH		
1350				.05N	.10+	0.05	.000			258	UNCH	.35	.35
1375				.05N	.10+	0.05	.000			40	UNCH		
1400				.10N	.10	UNCH	.000			2030	UNCH	.65	.10
1450		CAB	CAB		.10	UNCH	.000		300	300 +	300		
1475				.10N	.10	UNCH	.000			118	UNCH		
1500				. 10N	.15+	0.05	.000			1040	UNCH	.35	.35
1525				. 10N	.15+	0.05	.000			100	UNCH		
1575				.15N	.15	UNCH	.000			145	UNCH	.40	.40

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Side 04

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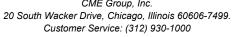
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					FINAL						
PG50	BULLETIN #123@				S&P 500 PUT OPTIONS				Wed, Jun	27, 201	.8 PG50
1600				.15N	.20+ 0.05	.001		200	235 + 200		
1625 1670				.15N .15N .20N	.20+ 0.05 .20+ 0.05 .20 UNCH	.001			50 - 50 30 UNCH	.45 	.40 
1680				.20N .20N .20N	.25+ 0.05	.001			30 UNCH		
1700 1750				.20N	.30+ 0.10	.001			100 UNCH	.35	.35
1780 1825				.25N .25N	.30+ 0.05 .35+ 0.10	.001			40 UNCH 80 UNCH		
1890 1920				.35N .40N	.45+ 0.10 .50+ 0.10	.003			80 UNCH 80 UNCH		
1925 1950				.40N .45N	.50+ 0.10 .55+ 0.10	.003 .004			80 UNCH 20 UNCH		
1975 1980				. 45N . 50N	.60+ 0.15 .60+ 0.10	.004 .004			80 UNCH 40 UNCH		
2000 2050				. 50N . 60N	.65+ 0.15 .75+ 0.15	.005 .006			358 - 75 5 UNCH		
2060 2075				.65N .65N	.80+ 0.15 .85+ 0.20	.006 .007			50 UNCH 250 UNCH	4.25	4.25
2090 2100				. 70N . 75N	.90+ 0.20 .95+ 0.20	.007 .008			4 UNCH 1509 - 57	16.00 3.95	16.00 3.95
2125 2150				. 80N . 85N	1.05+ 0.25 1.15+ 0.30	.009 .010		150	100 UNCH 2625 + 149	3.90	2.10
2160 2175				. 90N . 95N	1.20+ 0.30 1.25+ 0.30	.010 .011			100 UNCH 670 UNCH		
2180 2190				.95N 1.00N	1.25+ 0.30 1.30+ 0.30	.011 .012			40 UNCH 54 UNCH		
2200 2220				1.05N 1.15N	1.40+ 0.35 1.50+ 0.35	.013 .014			1281 UNCH 50 UNCH	3.00	3.00
2225 2230				1.15N 1.20N	1.50+ 0.35 1.55+ 0.35	.014 .014			320 UNCH 50 UNCH	3.80	3.80
2250 2260				1.30N 1.35N	1.70+ 0.40 1.75+ 0.40	.016			75 - 8 51 UNCH		
2270 2275				1.40N 1.45N	1.85+ 0.45 1.85+ 0.40	.018			150 UNCH 76 UNCH	1.40	1.40
2290 2300				1.50N 1.60N	2.00+ 0.50 2.10+ 0.50	.020			6 UNCH 567 UNCH	1.75 3.60	1.75 1.90
2325 2330				1.75N 1.80N	2.35+ 0.60 2.40+ 0.60	.025			127 UNCH 40 UNCH		
2345 2350				1.95N 2.00N	2.60+ 0.65 2.65+ 0.65	.028			40 UNCH 231 UNCH	20.20	1.85
2365 2370				2.15N 2.20N	2.90+ 0.75 2.95+ 0.75	.032			756 UNCH 500 UNCH	6.50	6.50
2375				2.25N	3.05+ 0.80	.034		203	1882 + 200	4.10	3.60
2380 2385				2.30N 2.35N	3.15+ 0.85 3.20+ 0.85	.035			250 UNCH 40 UNCH		
2390 2400	3.50	3.50	*3.50	2.40N 3.50	3.30+ 0.90 3.50+ 1.00	.037		201	9 UNCH 1696 + 100	2.00 21.20	2.00 3.50
2415 2425				2.70N 2.85N	3.80+ 1.10 4.05+ 1.20	.044			40 UNCH 35 UNCH		
2430 2435				2.95N 3.05N	4.15+ 1.20 4.30+ 1.25	.049 .051			1 UNCH 4 UNCH		
2440 2445				3.10N 3.20N	4.45+ 1.35 4.60+ 1.40	.052 .054			1 UNCH 40 UNCH		
2450 2455				3.30N 3.40N	4.75+ 1.45 4.90+ 1.50	.057 .059		450 	2941 + 450 21 UNCH	2.55 4.00	2.55 4.00
2470 2475				3.75N 3.90N	5.40+ 1.65 5.60+ 1.70	.066 .068		3	5 UNCH 100 - 1		
2480 2485				4.00N 4.15N	5.80+ 1.80 6.00+ 1.85	.071 .074			5 UNCH 30 UNCH	5.80	5.80
2490 2500				4.30N 4.60N	6.20+ 1.90 6.70+ 2.10	.076 .083			8 UNCH 1608 UNCH	3.20 4.20	3.20 4.20
2510 2520				4.95N 5.30N	7.10+ 2.15 7.70+ 2.40	.089			7 UNCH 1740 UNCH		
2525 2530				5.50N 5.70N	7.90+ 2.40 8.20+ 2.50	.101			530 UNCH 73 UNCH		
2540 2545				6.20N 6.40N	8.90+ 2.70 9.30+ 2.90	.114			49 UNCH 50 UNCH	4.15	4.15
2550				6.60N	9.60+ 3.00	.124			449 - 10 6 UNCH	4.40 6.00	4.40 6.00
2565 2570				7.40N 7.70N	11.40+ 3.70	.148			50 UNCH		
2575 2590				8.00N 9.00N	11.90+ 3.90 13.50+ 4.50	.155 .177		25	1321 - 164 149 UNCH		
2600 2625				9.80N 12.30N	14.80+ 5.00 18.40+ 6.10	.194		200	1242 + 51 456 UNCH	7.00	6.30
2640 2650				14.20N 15.70N	21.10+ 6.90 23.20+ 7.50	.277 .304			60 UNCH 7 <u>1</u> 5 UNCH		
2660 2670				17.30N 19.10N	25.50+ 8.20 28.10+ 9.00	.332 .363			21 UNCH 36 - 4		
2675 2680				20.10N 21.10N	29.50+ 9.40 30.90+ 9.80	.380 .397			94 UNCH 136 UNCH		
2685 2700				22.20N 25.70N	32.40+ 10.20 37.40+ 11.70	.415 .472		6	136 UNCH 694 - 99	19.50	12.30
2720 2725				31.60N 33.40N	45.40+ 13.80 47.70+ 14.30	.558 .581		6 	106 + 6 77 UNCH		
2740 2750				39.20N 43.70N	55.40+ 16.20 61.20+ 17.50	.652 .700			150 UNCH 408 - 28		
2775 2800				58.00N 76.40N	78.10+ 20.10 98.40+ 22.00	.814 .903			61 UNCH 172 UNCH		
3000 3025				271.20N 296.20N	294.70+ 23.50 319.70+ 23.50	.999			15 UNCH 7 UNCH		
TOTAL	2 -0- 500 -	ć						0	34595 + 960		
AUG18 100	EOW3 S&P 500 P	(FUTURES S			CAB				410 UNCH		
1450 1500	.25	#.25	*.25	.25 .35N	.40 NEW .45 NEW	.001		200 200	200 + 200 200 + 200	.25	.25
2000 2100				1.70N 2.35N	2.10+ 0.40 2.95+ 0.60	.013			5 UNCH 989 - 186		
2150 2200				2.80N 3.35N	3.55+ 0.75 4.15+ 0.80	.025			2172 UNCH 6320 UNCH	4.05	3.75
2220 2250				3.60N 4.05N	4.45+ 0.85 5.10+ 1.05	.034			6 UNCH 150 UNCH	6.00	6.00
2275 2290				4.45N 4.70N	5.50+ 1.05 5.90+ 1.20	.043			250 UNCH 1 UNCH	3.70	3.70
2300 2340				4.85N 5.80N	6.10+ 1.25 7.60+ 1.80	.049 .061			166 UNCH 4 UNCH		
2350 2365				6.10N 6.60N	7.90+ 1.80 8.40+ 1.80	.064			484 UNCH 250 UNCH	10.50	10.50
2370 2375				6.70N 6.80N	8.60+ 1.90 8.80+ 2.00	.071 .073		200	255 UNCH 1345 - 29		
2385 2400				7.10N 7.70N	9.30+ 2.20 10.00+ 2.30	.077 .083			50 UNCH 9 UNCH		
2425 2450				8.70N 9.70N	11.20+ 2.50 12.60+ 2.90	.095 .108			1580 UNCH 191 UNCH		
2460 2475				10.20N 11.10N	13.30+ 3.10 14.40+ 3.30	.115 .125			12 UNCH 19 UNCH		
2480 2500				11.40N 12.60N	14.80+ 3.40 16.40+ 3.80	.128 .144			3 UNCH 122 UNCH		
2515 2525				13.70N 14.40N	17.80+ 4.10 18.80+ 4.40	.157			4 UNCH 517 UNCH		
2535 2550				15.20N 16.50N	19.80+ 4.60 21.50+ 5.00	.176			1 UNCH 84 - 6		
2560 2600				17.50N 17.50N 21.90N	22.80+ 5.30 28.70+ 6.80	.204			1 UNCH 107 UNCH		
2625				21.90N 25.50N 35.10N	33.40+ 7.90	.301			450 UNCH		
2675 2700				41.80N	53.70+ 11.90	.409 .475			115 UNCH		
2710 2740				44.80N 55.20N	57.40+ 12.60 70.30+ 15.10	. 504			1 UNCH 50 UNCH	35.00	35.00
2750 2800				59.40N 86.70N	75.30+ 15.90 106.60+ 19.90	.634 .803			119 UNCH 85 UNCH		
TOTAL OCT18	EOW3 S&P 500 P	(FUTURES S	SETT00)					0	16735 + 179		
1950 2050	= 			4.25N 6.00N	5.20+ 0.95 7.20+ 1.20	.026			2 UNCH 5 UNCH	3.30	3.30
2075 2100				6.60N 7.30N	8.00+ 1.40 8.80+ 1.50	.041			260 UNCH 1565 UNCH		
2250 2375				12.20N 19.70N	15.00+ 2.80 24.00+ 4.30	.081			5 UNCH 20 UNCH		
2400 2425				21.60N 23.90N	26.40+ 4.80 28.90+ 5.00	.145			5 UNCH 21 UNCH	20.20	20.20
2575 2600				43.00N 47.60N	51.60+ 8.60 57.00+ 9.40	.288			12 UNCH 12 UNCH 12 UNCH	20.20	20.20
TOTAL				.,	37.00∓ 3. <del>4</del> 0	. 510	-	0	1907		

## **S&P 500 PUT OPTIONS**

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## **FINAL**

PG50	BULLETIN #123@				S&P 500 PUT OPTION	ONS				Wed, J	un 27,	2018 PG50
MDV MII JUN18 2670 2690 2700 2705 TOTAL	MDV MID  1.10 .70	(FUTURES  #1.10 .70	SETT00) *1.10 *.70	.35N .95N 1.10 .70	CAB CAB CAB 2.80+	  0.65	1.000	  2	1 1 1 2 0	2 UN  0 - 69	2 2.9	0 1.10 0 1.10
MMV MII JUL18 2225 2290 2350 2620 2640 TOTAL	D MMV MID20 .15	(FUTURES CAB #.20 #.15 	SETT00) CAB *.20 *.15	.20 .15 1.60N 2.25N	.10 .15 .30 2.75+ 4.30+	NEW NEW NEW 1.15 2.05	.000 .001 .003 .071		500 4 200  0	4 + 200 + 2 2 UN 2 UN		.20 .15

		OPTIONS E	00'S, BLOCKS	and EXERCISE	:S		
ODUCT	STRIKE PRICE	EOO VOLUME	BLOCK VOLUME	M-T-D BLOCK VOLUME	OPTION EXERCISES	M-T-D OPTION EXERCISES	EOO VOLUME
S&P 500 P N18 PUT	EOM S&P 500 OPTIO	INS					
18 PUT	2525			1000			0.00
LS		0	0	1000	0	0	0
18 PUT	2100			300			0.00
.S		0	0	300	0	0	0
DUT	S&P 500 WEDNESDAY	WEEKLY OPTIONS					
B PUT	2705				2	2	0.00
	2710				1	1	0.00
	2720				8	8	8.00
	2725				140	140	0.00
	2740				8	8	8.00
		16	0	0	159	159	16

50