

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

PG47 BULLETIN #138@

E-MINI S&P 500 CALL OPTIONS

Thu, Jul 19, 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 EXERCISES, 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 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.

E-MINI S&P CONTRACTS LAST TRADE DATES

Table with columns for EXPIRATION, JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, MAR19, JUN19. Rows include EMINI S&P FUT, EOM EMINI S&P OPT, EOW1 EMINI S&P OPT, EOW2 EMINI S&P OPT, EOW4 EMINI S&P OPT, EMINI S&P OPT, BTC FUT, EI FUT, ENY FUT, EOW3 MINI S&P OPT, FT1 FUT, FT5 FUT, FTU FUT, RSV FUT, SDA FUT, SDI FUT, TPY FUT, TRI FUT.

E-MINI S&P OPTIONS ON FUTURES

Table with columns for JUL18, AUG18, SEP18, OCT18, NOV18, DEC18, MAR19, JUN19. Rows include EW, EW1, EW2, EW4, EZ.

Table with columns for JUL18, AUG18, SEP18, OCT18. Rows include E1C, E3C, E4A, E4C, E5A, EW3, R1E, R2E, R3E, R4E, RTM.

E-MINI S&P FUTURES

Table with columns for OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT. PRICE & PT. CHGE, RTH VOLUME, GLOBEX VOLUME, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Rows include EMINI S&P FUT, SEP18, DEC18, MAR19, JUN19, SEP19, TOTAL.

E-MINI S&P 500 FIXING PRICE (ESF): Sep19 2805.63

WK EW-W1 E-MINI S&P CALLS

Table with columns for STRIKE, OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Rows include AUG18, 2545, 2555, 2600, 2605, 2625, 2635, 2650, 2675, 2680, 2685, 2690, 2700, 2705, 2710, 2715, 2720, 2725, 2730, 2735, 2740, 2745, 2750, 2755, 2760, 2765, 2770, 2775, 2780, 2785, 2790, 2795, 2800, 2805, 2810, 2815, 2820, 2825, 2830, 2835, 2840, 2845, 2850, 2855, 2860, 2865, 2870, 2875.

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PG47 BULLETIN #138@ E-MINI S&P 500 CALL OPTIONS Thu, Jul 19, 2018 PG47

Table with columns for contract numbers (2880-3400), prices, and volumes. Includes a 'TOTAL' row at the bottom.

WK EW-W2 E-MINI S&P CALLS

Table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Includes a 'TOTAL' row at the bottom.

WK EW-W4 E-MINI S&P CALLS

Table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Includes a 'TOTAL' row at the bottom.

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PG47 BULLETIN #138@

E-MINI S&P 500 CALL OPTIONS

Thu, Jul 19, 2018 PG47

Table of E-MINI S&P 500 CALL OPTIONS with columns for price, volume, and status. Includes rows for various strike prices and a TOTAL row.

Table of E-MINI S&P CALLS with columns for STRIKE, OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, and CONTRACT. Includes rows for various strike prices and a TOTAL row.

Table of E-MINI S&P CALLS with columns for STRIKE, OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, and CONTRACT. Includes rows for various strike prices and a TOTAL row.

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PG47	BULLETIN #138@	E-MINI S&P 500 CALL OPTIONS										Thu, Jul 19, 2018	PG47	
2070	----	----	----	----	735.90-	1060	.988	----	----	12	UNCH	794.50B	454.50A	
2075	----	----	----	----	731.00-	1060	.987	----	----	2	UNCH	794.50B	450.00A	
2080	----	----	----	----	726.00-	1060	.987	----	----	72	UNCH	790.25B	445.75A	
2100	----	----	----	----	706.10-	1060	.986	----	----	8	UNCH	771.00B	428.50A	
2140	----	----	----	----	666.40-	1050	.984	----	----	2130	UNCH	753.25B	394.50A	
2150	----	----	----	----	656.50-	1050	.984	----	----	3	UNCH	743.75B	386.25A	
2170	----	----	----	----	636.60-	1050	.982	----	----	16	UNCH	724.50B	369.50A	
2175	----	----	----	----	631.60-	1050	.982	----	----	2	UNCH	719.50B	365.25A	
2180	----	----	----	----	626.70-	1050	.981	----	----	3	UNCH	714.75B	361.25A	
2190	----	----	----	----	616.80-	1050	.981	----	----	6	UNCH	705.25B	353.00A	
2200	----	----	603.25A	----	606.90-	1040	.980	----	----	68	UNCH	695.75B	344.75A	
2210	----	----	593.50A	----	596.90-	1050	.979	----	----	3	UNCH	686.25B	336.75A	
2220	----	----	583.25A	----	587.00-	1050	.979	----	----	5	UNCH	676.75B	328.50A	
2225	----	----	578.75A	----	582.10-	1040	.978	----	----	50	UNCH	672.00B	324.50A	
2230	----	----	573.50A	----	577.10-	1050	.978	----	----	102	UNCH	667.00B	320.50A	
2240	----	----	563.75A	----	567.20-	1040	.977	----	----	50	UNCH	657.50B	312.50A	
2250	----	----	553.75A	----	557.30-	1040	.976	----	----	39	UNCH	648.00B	304.50A	
2260	----	----	544.00A	----	547.40-	1040	.975	----	----	70	UNCH	638.50B	296.75A	
2270	----	----	534.00A	----	537.50-	1040	.974	----	----	30	UNCH	629.25B	289.00A	
2275	----	----	529.25A	----	532.60-	1040	.973	----	----	17	UNCH	624.50B	285.00A	
2280	----	----	524.25A	----	527.70-	1030	.973	----	----	27	UNCH	619.75B	281.00A	
2290	----	----	514.25A	----	517.80-	1030	.972	----	----	21	UNCH	610.25B	273.50A	
2300	518.50B	----	504.50A	----	507.90-	1040	.971	----	----	91	UNCH	603.50B	265.75A	
2305	513.50B	----	499.25A	----	503.00-	1030	.970	----	----	35	UNCH	514.25B	323.50A	
2310	----	----	494.75A	----	498.10-	1030	.969	----	----	15	UNCH	594.25B	258.25A	
2320	498.75B	484.50A	----	----	488.20-	1030	.968	----	----	150	UNCH	584.75B	250.75A	
2325	493.75B	479.75A	----	----	483.30-	1030	.967	----	----	113	UNCH	580.00B	247.00A	
2330	488.75B	475.00A	----	----	478.40-	1020	.967	----	----	173	UNCH	575.50B	243.25A	
2340	479.00B	465.00A	----	----	468.50-	1030	.965	----	----	75	UNCH	566.00B	235.75A	
2350	----	455.25A	----	----	458.70-	1020	.963	----	----	51	UNCH	556.75B	228.50A	
2360	459.25B	445.25A	----	----	448.90-	1020	.962	----	----	149	UNCH	548.50	221.25A	
2370	449.50B	435.75A	----	----	439.10-	1010	.960	----	----	19	UNCH	538.25B	214.00A	
2375	444.50B	430.75A	----	----	434.20-	1010	.959	----	----	91	UNCH	533.50B	210.50A	
2380	----	425.75A	----	----	429.30-	1010	.958	----	----	37	UNCH	529.00B	207.00A	
2390	429.75B	416.25A	----	----	419.50-	1010	.956	----	----	36	UNCH	519.75B	199.75A	
2400	420.00B	406.50A	----	----	409.70-	1010	.954	----	----	635	UNCH	510.50B	193.00A	
2410	410.25B	396.50A	----	----	400.00-	1000	.952	----	----	22	UNCH	501.25B	186.00A	
2420	----	386.75A	----	----	390.20-	1000	.950	----	----	20	UNCH	492.00B	178.00A	
2425	395.50B	382.00A	----	----	385.30-	1000	.949	----	----	362	UNCH	487.50B	175.75A	
2435	----	377.25A	----	----	380.50-	990	.947	----	----	28	UNCH	483.00B	172.25A	
2435	385.75B	372.25A	----	----	375.60-	990	.946	----	----	2	UNCH	386.25B	215.20A	
2440	380.75B	367.50A	----	----	370.70-	990	.945	----	----	9	UNCH	473.75B	165.75A	
2450	----	357.50A	----	----	361.00-	990	.942	----	----	2477	UNCH	464.75B	159.25A	
2455	366.25B	352.75A	----	----	356.20-	980	.940	----	----	1	UNCH	367.00B	199.75A	
2460	361.25B	348.00A	----	----	351.30-	980	.939	----	----	119	UNCH	455.75B	152.75A	
2465	356.50B	343.00A	----	----	346.40-	980	.937	----	----	1	UNCH	357.25B	192.25A	
2470	----	338.25A	----	----	341.60-	980	.936	----	----	42	UNCH	446.75B	146.50A	
2475	346.75B	333.50A	----	----	336.80-	970	.935	----	----	652	UNCH	442.25B	143.25A	
2480	342.00B	328.75A	----	----	331.90-	970	.933	----	----	29	UNCH	437.75B	140.25A	
2490	332.25B	319.00A	----	----	322.30-	960	.930	----	----	125	UNCH	428.75B	134.00A	
2495	327.25B	314.25A	----	----	317.50-	960	.928	----	----	1	UNCH	328.00B	169.75A	
2500	322.50B	309.50A	----	----	312.70-	950	.926	----	----	967	UNCH	419.75B	128.00A	
2505	317.75B	304.50A	----	----	307.90-	950	.924	----	----	29	UNCH	318.25B	162.50A	
2510	312.75B	299.75A	----	----	303.10-	950	.921	----	----	354	UNCH	410.75B	122.25A	
2515	308.00B	295.00A	----	----	298.30-	950	.919	----	----	98	UNCH	308.75B	155.25A	
2520	303.25B	290.25A	----	----	293.50-	950	.917	----	----	423	UNCH	401.75B	116.25A	
2525	298.50B	285.50A	----	----	288.80-	940	.914	----	----	309	UNCH	397.50B	113.50A	
2530	----	280.75A	----	----	284.00-	940	.912	----	----	771	UNCH	393.00B	110.75A	
2535	288.75B	276.00A	----	----	279.20-	940	.910	----	----	97	UNCH	289.50B	141.25A	
2540	284.00B	271.25A	----	----	274.50-	930	.908	----	----	104	UNCH	384.25B	105.25A	
2545	279.25B	266.50A	----	----	269.70-	930	.905	----	----	83	UNCH	280.00B	134.50A	
2550	274.50B	261.75A	----	----	264.90-	930	.902	----	----	673	UNCH	375.25B	99.75A	
2555	269.75B	257.00A	----	----	260.20-	920	.900	----	----	28	UNCH	270.25B	127.75A	
2560	265.00B	252.00A	----	----	255.50-	920	.897	----	----	502	UNCH	366.50B	94.50A	
2565	260.25B	247.50A	----	----	250.80-	910	.894	----	----	21	UNCH	260.75B	121.00A	
2570	255.50B	242.75A	----	----	246.10-	900	.891	----	----	493	UNCH	358.00B	89.25A	
2575	250.75B	238.25A	----	----	241.40-	900	.888	----	----	744	UNCH	353.50B	86.75A	
2580	246.00B	233.50A	----	----	236.70-	890	.884	----	----	356	UNCH	349.25B	84.25A	
2585	241.25B	228.75A	----	----	232.00-	890	.881	----	----	21	UNCH	241.75B	108.25A	
2590	236.50B	224.25A	----	----	227.40-	880	.878	----	----	535	UNCH	340.50B	79.50A	
2595	231.75B	219.25A	----	----	222.70-	880	.874	----	----	12	UNCH	232.50B	102.00A	
2600	227.00B	214.75A	----	----	218.00-	880	.870	----	64	2847	UNCH	332.00B	74.75A	
2605	222.50B	210.00A	----	----	213.40-	870	.867	----	----	90	UNCH	223.00B	96.00A	
2610	217.75B	205.50A	----	----	208.80-	870	.863	----	----	190	UNCH	323.75B	70.25A	
2615	213.00B	200.75A	----	----	204.10-	870	.859	----	----	60	UNCH	213.50B	90.00A	
2620	208.50B	195.50A	----	----	199.50-	860	.854	----	----	893	UNCH	315.25B	66.00A	
2625	203.75B	190.75A	----	----	194.90-	860	.850	----	----	1226	UNCH	311.00B	63.75A	
2630	190.75	186.50B	----	----	190.30-	860	.846	----	3	1220	UNCH	306.75B	61.75A	
2635	187.75	181.75A	----	----	185.70-	860	.841	----	1	35	-	1	195.00B	78.75A
2640	179.25	177.25A	----	----	181.20-	850	.836	----	14	407	+ 13	298.25B	57.75A	
2645	180.50	172.75A	----	----	176.60-	850	.831	----	1	55	-	1	186.50B	73.50A
2650	170.75	168.25A	----	----	172.10-	840	.826	----	3	1701	+ 1	290.00B	53.75A	
2655	165.75	163.75A	----	----	167.60-	840	.821	----	2	97	+ 1	177.25B	68.25A	
2660	167.25	159.25B	----	----	163.10-	830	.815	----	1	669	UNCH	281.50B	50.00A	
2665	----	155.00A	----	----	158.60-	830	.809	----	----	352	UNCH	168.25B	63.25A	
2670	----	150.50A	----	----	154.20-	820	.803	----	----	656	UNCH	273.25B	46.50A	
2675	----	146.00A	----	----	149.80-	810	.797	----	----	1389	UNCH	269.25B	44.75A	
2680	153.75B	141.75A	----	----	145.40-	800	.790	----	----	793	UNCH	265.25B	43.25A	
2685	141.75	137.50A	----	----	141.00-	800	.783	----	2	379	UNCH	151.25B	53.75A	
2690	135.75	133.00A	----	----	136.60-	790	.776	----	1	1099	UNCH	257.00B	40.00A	
2695	137.25	128.75A	----	----	132.30-	780	.769	----	1	350	UNCH	144.50B	49.25A	
2700	130.75	124.50A	----	----	128.00-	770	.761	----	1	4721	+ 1	249.00B	37.00A	
2705	----	120.25A	----	----	123.70-	760	.753	----	----	632	UNCH	137.75B	45.00A	
2710	117.75	116.00A	----	----	119.40-	750	.745	----	1	730	UNCH	241.00B	34.00A	
2715	----	112.00A	----	----	115.20-	740	.736	----	----	363	UNCH	131.25B	41.00A	
2720	----	107.75A	----	----	111.10-	720	.727	----	----	2289	UNCH	233.00B	31.50A	
2725	----	103.75A	----	----	106.90-	720	.718	----	----	2993	UNCH	229.00B	30.00A	
2730	104.00	99.75A	----	----	102.80-	710	.709	----	3	1759	UNCH	225.00B	28.	

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Table with columns for contract numbers (e.g., 2965, 2970, 2975), strike prices (e.g., 2.65, 2.50, 2.25), and various option parameters. Includes a 'TOTAL' row at the bottom of the section.

Table with columns for contract numbers (e.g., DEC18, 1750, 1800), strike prices (e.g., 1059.30, 1070, 988), and various option parameters. Includes a 'TOTAL' row at the bottom of the section.

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2610	----	248.75B	237.50A	----	240.60-	780	.770	----	----	156	UNCH	349.25B	125.50A
2620	----	240.25B	229.00A	----	232.20-	760	.761	----	----	981	UNCH	341.25B	119.50A
2625	----	236.00B	225.00A	----	228.00-	760	.757	----	----	655	UNCH	337.00B	116.75A
2630	----	231.75B	220.75A	----	223.80-	760	.752	----	----	932	UNCH	333.00B	113.75A
2640	----	223.50B	212.50A	----	215.50-	750	.743	----	----	628	UNCH	325.00B	108.25A
2650	----	215.00B	204.50A	----	207.20-	750	.733	----	----	4390	UNCH	317.00B	102.75A
2655	----	210.75B	200.25A	----	203.20-	740	.728	----	----	2	UNCH	211.50B	142.50
2660	----	206.75B	196.25A	----	199.10-	730	.723	----	----	642	UNCH	309.00B	97.25A
2665	----	192.25A	182.25A	----	195.00-	740	.718	----	----	35	UNCH	203.25B	136.50
2670	----	198.50B	188.25A	----	191.00-	730	.713	----	----	287	UNCH	301.25B	92.25A
2675	----	194.75B	184.25A	----	187.00-	720	.707	----	----	1234	UNCH	297.25B	89.50A
2680	----	190.50B	180.25A	----	183.00-	720	.702	----	----	431	UNCH	293.25B	87.00A
2685	----	186.50B	176.50A	----	179.10-	710	.696	----	----	9	UNCH	187.00B	123.50A
2690	----	182.50B	172.50A	----	175.10-	710	.691	----	----	335	UNCH	285.50B	82.00A
2695	----	178.50B	168.50A	----	171.20-	700	.685	----	----	39	UNCH	179.00B	117.00A
2700	----	174.75B	164.75A	----	167.30-	700	.679	----	----	3533	UNCH	278.00B	77.25A
2705	----	170.50B	161.00A	----	163.50-	680	.673	----	----	78	UNCH	171.00B	110.75A
2710	----	166.75B	157.00A	----	159.60-	680	.666	----	----	479	UNCH	270.25B	72.75A
2715	----	163.00B	153.25A	----	155.80-	670	.660	----	----	119	UNCH	163.25B	70.50A
2720	----	159.00B	149.50A	----	152.10-	660	.654	----	----	2490	UNCH	262.75B	68.25A
2725	----	155.25B	145.75A	----	148.30-	650	.647	----	----	878	UNCH	259.00B	66.00A
2730	----	151.25B	142.00A	----	144.60-	640	.640	----	----	398	UNCH	255.25B	64.00A
2735	----	147.50B	138.25A	----	140.90-	630	.633	----	----	77	UNCH	148.00B	61.75A
2740	----	143.75B	134.75A	----	137.30-	620	.626	----	----	954	UNCH	247.75B	59.75A
2745	----	140.00B	131.00A	----	133.60-	620	.619	----	----	366	UNCH	140.50B	57.75A
2750	----	136.25B	127.50A	----	130.00-	600	.612	----	612	2115	UNCH	240.25B	55.75A
2755	----	132.75B	124.00A	----	126.40-	600	.605	----	----	34	UNCH	133.00B	81.00A
2760	----	129.00B	120.25A	----	122.80-	590	.597	----	----	724	UNCH	233.00B	51.75A
2765	----	125.25B	116.75A	----	119.30-	580	.589	----	----	25	UNCH	125.75B	75.50A
2770	----	121.75B	113.50A	----	115.80-	570	.582	----	----	538	UNCH	225.75B	48.25A
2775	----	118.25B	110.00A	----	112.30-	570	.574	----	----	1411	UNCH	222.25B	46.50A
2780	----	114.75B	106.50A	----	108.80-	570	.566	----	----	1037	UNCH	218.50B	44.75A
2785	----	111.25B	103.00A	----	105.40-	560	.557	----	----	497	UNCH	111.75B	60.50A
2790	----	108.00B	99.75A	----	102.00-	560	.549	----	----	1041	UNCH	211.50B	41.25A
2795	----	104.50B	96.50A	----	98.60-	560	.540	----	----	242	UNCH	104.75B	55.75A
2800	94.75	101.00B	93.25A	----	95.30-	550	.532	----	2303	5848 +	460	204.50B	38.25A
2805	----	97.75B	90.00A	----	92.00-	550	.523	----	32	665 +	32	98.25B	55.50A
2810	----	94.50B	86.75A	----	88.80-	540	.514	----	----	825	UNCH	197.75B	35.25A
2815	----	91.25B	83.75A	----	85.60-	540	.505	----	----	422	UNCH	97.25B	32.50A
2820	----	88.00B	80.75A	----	82.40-	530	.495	----	----	949	UNCH	190.75B	32.50A
2825	----	84.75B	77.50A	----	79.40-	520	.486	----	115	677 +	103	187.50B	31.00A
2830	----	81.75B	74.50A	----	76.40-	510	.476	----	----	546	UNCH	184.00B	29.75A
2835	----	78.75B	71.75A	----	73.50-	490	.467	----	----	301	UNCH	79.00B	42.25A
2840	----	75.50B	68.75A	----	70.60-	480	.457	----	----	2012	UNCH	177.50B	27.25A
2845	----	72.25B	66.00A	----	67.70-	470	.447	----	----	320	UNCH	75.00B	36.00A
2850	66.00	69.75B	63.25A	----	64.90-	450	.437	----	664	3672 +	563	171.00B	25.00A
2855	63.25	66.75B	60.75A	----	62.20-	440	.427	----	10	152 +	10	67.25B	34.75A
2860	----	64.00B	58.00A	----	59.50-	430	.416	----	----	984	UNCH	164.50B	23.00A
2865	56.25	61.25B	55.50A	----	56.90-	410	.406	----	1	335	UNCH	61.50B	31.25A
2870	----	58.75B	53.00A	----	54.40-	390	.395	----	----	2847	UNCH	158.00B	21.00A
2875	52.00	56.00B	50.50A	----	51.90-	380	.385	----	1	490	UNCH	155.00B	20.00A
2880	51.25	53.50B	48.00A	----	49.40-	370	.374	----	28	514 +	15	151.75B	19.00A
2885	----	51.00B	45.75A	----	47.10-	350	.364	----	----	246	UNCH	51.25B	25.00A
2890	44.00	48.50B	43.50A	----	44.80-	340	.353	----	55	1117 +	13	146.75	17.50A
2895	41.75	46.25B	41.25A	----	42.60-	320	.342	----	113	663 +	11	46.50B	22.25A
2900	43.25	44.00B	39.25A	----	40.40-	310	.331	----	282	5529 +	166	139.75B	15.75
2905	39.25	41.50B	37.25A	----	38.30-	300	.321	----	1	338 +	1	42.00	19.50
2910	37.25	39.50B	35.25A	----	36.30-	290	.310	----	1	3109 -	1	133.75B	14.50A
2915	35.50	37.50B	33.25A	----	34.30-	280	.299	----	32	405 +	9	42.50B	13.75A
2920	32.00	35.25B	31.50A	----	32.40-	270	.288	----	3	1502 +	3	128.00B	13.25A
2925	32.00	33.50B	29.75A	----	30.60-	260	.278	----	69	971 -	6	125.25B	12.50A
2930	29.75	30.75B	28.00A	----	28.80-	260	.267	----	2	474 +	1	122.25B	12.00A
2935	27.00	29.75B	26.50A	----	27.10-	250	.256	----	1	322	UNCH	30.00B	13.50
2940	27.25	27.25B	24.75A	----	25.50-	240	.246	----	100	1167 +	99	116.75B	11.00A
2945	25.50	25.50B	23.50A	----	24.00-	230	.236	----	335	654 -	149	26.50B	12.00A
2950	23.25	24.00B	22.00A	----	22.50-	230	.226	----	27	3316 +	1	111.50B	10.00A
2955	21.75	22.50B	20.75A	----	21.10-	220	.216	----	22	105 +	2	23.75B	10.75A
2960	20.50	21.25B	19.50A	----	19.80-	210	.207	----	27	1513 +	20	106.25B	9.25A
2965	19.25	19.75B	18.25A	----	18.60-	200	.197	----	119	212 +	108	20.75B	9.25A
2970	17.50	18.50B	17.00A	----	17.40-	190	.188	----	57	1294 +	56	101.00B	8.25A
2975	17.00	17.50B	16.00A	----	16.30-	180	.179	----	14	459	UNCH	98.50B	8.00
2980	15.75	16.25B	15.00A	----	15.30-	160	.171	----	250	1342 -	10	95.75B	7.50A
2985	14.75	15.25B	14.00A	----	14.30-	150	.163	----	250	471 +	250	16.25B	7.00
2990	13.00	14.25B	13.00A	----	13.40-	140	.155	----	17	1012	UNCH	91.00B	6.50A
2995	13.25	13.25B	12.25A	----	12.60-	120	.148	----	10	737 -	10	14.25B	6.00
3000	12.50	12.50B	11.25A	----	11.80-	110	.140	----	22	5089 -	1	86.25B	5.75
3005	11.00	11.75B	10.75A	----	11.00-	110	.133	----	16	266 +	16	12.50B	5.50A
3010	10.50	11.00B	10.00A	----	10.30-	100	.126	----	16	646 -	1	81.50B	4.75
3015	9.75	10.25B	9.50A	----	9.60-	100	.119	----	32	275 +	10	11.25B	4.50A
3020	9.50	9.50B	9.00A	----	9.00-	90	.113	----	65	864 +	65	77.25B	4.15
3025	9.00	8.25A	8.25A	----	8.40-	90	.107	----	250	9905 +	145	75.00B	3.90A
3030	8.25	7.75A	7.75A	----	7.80-	90	.101	----	51	481 +	51	72.75B	3.65
3035	----	7.25A	7.25A	----	7.30-	90	.096	----	----	339	UNCH	8.75B	3.55A
3040	----	7.00A	7.00A	----	6.80-	90	.090	----	----	1017	UNCH	68.75B	3.15
3045	6.75	6.50A	6.50A	----	6.40-	80	.086	----	17	145 +	17	7.75B	3.15A
3050	6.25	6.50B	6.00A	----	6.00-	80	.081	----	89	3342 -	10	64.75B	2.80A
3055	----	5.75A	5.75A	----	5.70-	70	.078	----	----	150	UNCH	6.75B	2.75A
3060	5.75	5.50A	5.50A	----	5.40-	60	.074	----	32	408 -	8	61.00B	2.60A
3065	5.25	5.25B	5.00A	----	5.10-	50	.070	----	41	116 +	41	6.00B	2.45A
3070	----	4.70A	4.70A	----	4.80-	50	.067	----	----	857	UNCH	57.25B	2.30A
3075	4.70	4.40A	4.40A	----	4.55-	45	.064	----	1	1048 -	1	55.50B	2.20A
3080	----	4.20A	4.30A	----	4.30-	40	.061	----	----	596	UNCH	53.75B	1.95
3085	----	3.95A	4.05B	----	4.05-	35	.057	----	----	120	UNCH	4.30	3.45A
3090	----	3.75A	3.85B	----	3.85-	30	.055	----	----	840	UNCH	50.25B	1.85
3100	----	3.35A	3.45B	----	3.45-	25	.050	----	----	2845	UNCH	47.00B	1.70A
3110	----	3.05A	3.10B	----	3.10-	20	.045	----	----	1134			

E-MINI S&P 500 CALL OPTIONS

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Table with columns for price, bid, ask, volume, and status. Includes rows for 3550, 3600, 3700, 3725, 3900, and TOTAL.

Main table of E-MINI S&P 500 CALL OPTIONS with columns for price, bid, ask, volume, and status. Includes rows for various call options from 2150 to 3750.

Table for Jul 18 with columns for price, bid, ask, volume, and status. Includes rows for 1000, 1775, 2275, 2290, 2330, 2350, 2370, 2400, 2410, 2420, 2425, 2440, 2450, 2460, 2470, 2475, 2490, 2500, 2510, 2510, 2520, 2520, 2525, 2530, 2540, 2545, 2550, 2555, 2560, 2565, 2570, 2575, 2580, 2585, 2590, 2595.

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Table with columns for contract details (e.g., 2505, 2510, 2520), prices, and volumes. Includes a 'TOTAL' row and a 'SEP18' section at the bottom.

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PG47	BULLETIN #138@	E-MINI S&P 500 CALL OPTIONS										Thu, Jul 19, 2018	PG47
2050	----	----	----	----	758.30-	1060	.987	----	----	5362	UNCH	757.25B	630.00A
2130	----	----	----	----	679.20-	1050	.982	----	----	5	UNCH	678.25B	555.50A
2170	----	----	----	----	639.60-	1060	.980	----	----	4	UNCH	638.75B	432.75A
2190	----	----	----	----	619.90-	1050	.978	----	----	1700	UNCH	619.00B	429.75A
2200	----	----	615.00A	----	610.00-	1050	.977	----	----	2	UNCH	610.75B	421.25A
2320	----	----	493.00A	----	492.20-	1020	.963	----	----	5	UNCH	501.00B	315.50A
2340	----	----	474.75A	----	472.70-	1010	.959	----	----	5	UNCH	481.50B	298.75A
2350	----	----	465.00A	----	462.90-	1010	.958	----	----	5	UNCH	471.50B	290.25A
2370	----	----	445.50A	----	443.30-	1010	.954	----	----	5	UNCH	452.25B	273.50A
2375	----	----	440.50A	----	438.40-	1020	.953	----	----	5	UNCH	447.00B	269.50A
2380	----	----	434.75A	----	433.50-	1020	.952	----	----	5	UNCH	442.50B	265.25A
2500	----	----	314.50A	----	317.90-	960	.916	----	----	561	UNCH	328.00B	171.75A
2540	----	----	276.50A	----	280.00-	930	.898	----	----	1	UNCH	290.00B	143.50A
2570	----	261.00B	248.75A	----	251.90-	890	.880	----	----	1	UNCH	261.75B	123.50A
2575	----	256.25B	244.00A	----	247.20-	890	.877	----	----	25	UNCH	256.75B	120.25A
2580	----	251.75B	239.25A	----	242.50-	890	.874	----	----	32	UNCH	252.25B	117.00A
2600	----	233.00B	221.00A	----	224.00-	880	.860	----	----	93	UNCH	233.50B	104.50A
2610	----	223.75B	211.25A	----	214.80-	880	.852	----	----	6	UNCH	224.25B	98.50A
2620	210.50	----	212.00B	----	205.70-	870	.844	----	1	15 +	1	215.00B	92.75A
2625	----	----	210.00B	----	201.20-	860	.839	----	----	2783	UNCH	210.75B	89.75A
2630	----	----	205.50B	----	196.70-	860	.834	----	----	107	UNCH	206.25B	87.00A
2640	189.75	----	193.75B	----	187.70-	850	.825	----	1	1 +	1	197.25B	81.50A
2645	----	----	179.75A	----	183.30-	840	.820	----	----	1	UNCH	192.50B	117.00A
2650	----	----	175.25A	----	178.80-	840	.814	----	----	57	UNCH	188.00B	75.75A
2660	----	----	166.50A	----	169.80-	840	.804	----	----	192	UNCH	179.00B	70.75A
2670	165.50	167.00B	157.75A	----	160.90-	830	.793	----	2	59	UNCH	170.00B	65.50A
2675	----	----	153.25A	----	156.40-	840	.787	----	----	230	UNCH	165.75B	63.25A
2680	----	160.50B	149.00A	----	152.10-	820	.780	----	----	22	UNCH	161.25B	60.50A
2690	----	151.75B	140.50A	----	143.40-	810	.767	----	----	205	UNCH	152.50B	56.00A
2700	----	143.00B	132.00A	----	134.90-	790	.753	----	----	221	UNCH	143.75B	51.75A
2710	----	134.50B	123.75A	----	126.50-	770	.737	----	----	31	UNCH	135.25B	47.50A
2715	----	130.25B	119.50A	----	122.30-	760	.729	----	----	58	UNCH	131.00B	45.50A
2720	----	126.00B	115.50A	----	118.20-	750	.721	----	----	16	UNCH	126.75B	43.50A
2725	----	121.75B	111.25A	----	114.00-	750	.712	----	----	154	UNCH	122.50B	41.50A
2730	----	117.50B	107.25A	----	110.00-	730	.703	----	----	175	UNCH	118.25B	39.75A
2735	----	113.50B	103.25A	----	105.90-	730	.694	----	----	40	UNCH	114.25B	38.00A
2740	----	109.25B	99.50A	----	101.90-	720	.684	----	----	85	UNCH	110.00B	36.25A
2745	----	105.25B	95.50A	----	97.90-	710	.674	----	----	30	UNCH	106.00B	34.50A
2750	----	101.25B	91.50A	----	94.00-	690	.663	----	----	5554	UNCH	102.00B	32.75A
2755	----	97.25B	87.75A	----	90.10-	680	.653	----	----	74	UNCH	98.00B	46.75A
2760	----	93.25B	84.00A	----	86.20-	680	.641	----	----	77	UNCH	94.25B	29.75A
2765	----	89.50B	80.25A	----	82.40-	670	.630	----	----	41	UNCH	90.00B	41.75A
2775	----	85.50B	76.50A	----	78.60-	660	.618	----	----	212	UNCH	87.50B	26.75A
2775	----	81.75B	73.00A	----	75.00-	640	.605	----	----	176	UNCH	84.00B	25.50A
2780	----	78.00B	69.50A	----	71.40-	630	.593	----	----	67	UNCH	80.75B	24.00A
2785	----	74.25B	66.00A	----	67.90-	610	.579	----	----	115	UNCH	77.50B	32.50A
2790	----	70.75B	62.50A	----	64.40-	590	.565	----	----	273	UNCH	74.25B	21.50A
2795	----	67.25B	59.25A	----	61.00-	580	.551	----	----	371	UNCH	71.00B	28.25A
2800	----	63.75B	56.00A	----	57.60-	560	.537	----	----	6690	UNCH	68.00B	19.25A
2805	----	60.25B	52.75A	----	54.30-	550	.522	----	----	78	UNCH	60.75B	24.50A
2810	----	57.00B	49.50A	----	51.10-	530	.506	----	150	286 +	89	62.00B	17.25A
2815	51.00	53.75B	46.50A	----	47.90-	530	.490	----	34	339 +	25	59.00B	16.25A
2820	----	50.50B	43.50A	----	44.90-	510	.474	----	5	568 +	5	56.25B	15.25A
2825	----	47.50B	40.75A	----	41.90-	500	.457	----	---	773	UNCH	53.50B	14.50A
2830	42.50	44.50B	38.00A	----	39.10-	480	.440	----	1	318	UNCH	50.75B	13.50A
2835	39.25	41.50B	35.50A	----	36.30-	470	.422	----	99	366 +	98	42.00B	15.00A
2840	36.25	38.75B	33.00A	----	33.70-	460	.405	----	1	221 +	1	45.50B	12.00A
2845	32.00	36.00B	30.50A	----	31.20-	440	.387	----	1	156	UNCH	43.00B	12.50A
2850	30.75	33.25B	28.25A	----	28.80-	420	.369	----	1	845 -	1	40.75B	10.75A
2855	----	30.75B	26.00A	----	26.60-	400	.351	----	----	750	UNCH	32.75B	10.50A
2860	24.75	28.50B	24.00A	----	24.40-	380	.333	----	1	210	UNCH	36.75B	9.50A
2865	23.00	26.25B	22.00A	----	22.40-	360	.315	----	298	613 +	257	28.75B	8.50A
2870	22.25	23.00B	20.25A	----	20.50-	340	.298	----	314	365 +	126	33.75B	7.75A
2875	19.00	21.00B	18.50A	----	18.70-	320	.280	----	18	435 -	7	32.25B	7.25A
2880	18.50	20.25B	17.00A	----	17.00-	300	.263	----	8	298 +	5	31.00B	6.50A
2885	17.00	18.50B	15.50A	----	15.50-	270	.246	----	131	227 +	4	18.75B	6.00A
2890	14.75	16.75B	14.00A	----	14.00-	260	.229	----	38	429 -	4	28.25B	5.25A
2895	13.75	15.25B	12.75A	----	12.70-	240	.214	----	153	280 +	32	15.75B	4.85A
2900	13.00	13.00B	11.75A	----	11.50-	220	.199	----	7	1130	UNCH	25.75B	4.35A
2905	11.50	11.75B	10.50A	----	10.40-	210	.184	----	3	284 +	1	16.50B	3.85A
2910	----	11.50B	9.50A	----	9.40-	190	.171	----	----	522	UNCH	23.50B	3.60A
2915	9.00	9.50B	8.75A	----	8.50-	180	.158	----	43	333 +	27	17.25B	3.30A
2920	9.00	9.00B	7.75A	----	7.70-	170	.146	----	14	555 +	12	21.25B	3.00A
2925	----	7.25B	7.00A	----	7.00-	150	.135	----	----	478	UNCH	20.25B	2.75A
2930	----	6.50B	6.50A	----	6.40-	130	.125	----	19	321 -	19	19.25B	2.45A
2935	6.50	6.00B	6.00A	----	5.80-	120	.116	----	288	328 +	205	7.75B	2.35A
2940	6.00	6.00B	5.50A	----	5.30-	110	.107	----	2	337	UNCH	17.50B	2.20A
2945	----	4.85A	4.80A	----	4.80-	100	.098	----	----	45	UNCH	6.50B	2.05A
2950	4.50	4.60B	4.45A	----	4.40-	90	.091	----	33	544	UNCH	15.75B	1.90A
2955	----	4.10A	4.05A	----	4.05-	85	.085	----	----	62	UNCH	5.50B	1.80A
2960	----	3.80A	3.75A	----	3.75-	75	.079	----	----	673	UNCH	14.25B	1.65A
2965	----	3.50A	3.45A	----	3.45-	70	.073	----	----	21	UNCH	4.80B	1.55A
2970	3.40	3.40B	3.25A	----	3.20-	65	.068	----	97	716 -	39	12.75B	1.45A
2975	3.20	3.25B	3.05A	----	2.95-	60	.063	----	30	244 -	20	12.25B	1.35A
2980	2.85	2.85B	2.80A	----	2.75-	55	.059	----	24	257 +	24	11.50B	1.30A
2985	2.75	2.80B	2.65A	----	2.60-	45	.056	----	38	295 +	38	3.55B	1.20A
2990	----	2.45A	2.40A	----	2.40-	45	.052	----	----	99	UNCH	10.50B	1.15A
2995	----	2.30A	2.25A	----	2.25-	40	.049	----	----	41	UNCH	3.10B	1.10A
3000	2.30	2.35B	2.20A	----	2.10-	40	.046	----	80	2052 +	28	9.25B	1.05A
3005	----	2.05A	2.00A	----	2.00-	30	.043	----	----	701	UNCH	2.70B	1.00A
3010	----	1.95A	1.85A	----	1.85-	30	.040	----	----	53	UNCH	8.50B	.95A
3015	----	1.80A	1.75A	----	1.75-	30	.038	----	----	100	UNCH	2.35B	.90A
3020	----	1.70A	1.65A	----	1.65-	25	.036	----	----	211	UNCH	7.50B	.85A
3025	----	1.60A	1.55A	----	1.55-	25	.034	----	----	176	UNCH	7.00B	.80A
3030	----	1.55A	1.45A	----	1.45-	25	.031	----	----	78	UNCH	6.75B	.80A
3035	----	1.45A	1.40A	----	1.40-	20	.030	----	----	200	UNCH	2.15B	.75A
3040	----	1.35A	1.30A	----	1.30-	20	.028	----	----	110	UNCH	6.00B	.70A
3045	----	1.30A	1.25A	----	1.25-	15	.027	----	----	26	UNCH	1.65B	.65A
3050	----	1.25A	1.15A	----	1.15-	15	.025	----	----	54	UNCH	5.50B	.65A
3055	----	1.20A	1.10A	----	1.10-	15	.024	----	----</				



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PG47 BULLETIN #138@ E-MINI S&P 500 CALL OPTIONS Thu, Jul 19, 2018 PG47

Table with columns for price, bid, ask, volume, and other market data for E-MINI S&P 500 CALL OPTIONS. Includes a 'TOTAL' row and a 'NOV18' section at the bottom.

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PG47 BULLETIN #138@ E-MINI S&P 500 CALL OPTIONS Thu, Jul 19, 2018 PG47

Table with columns for contract month (e.g., 2990, 3000), strike price, and various market data points including volume, price, and delta.

E-MINI S&P 500 FIXING PRICE (ESF): Sep19 2805.63

ADDITIONAL E-MINI S&P CALLS

Table with columns for contract month, strike price, open range, high, low, closing range, settlement price, delta, exercise price, volume, open interest, and contract high/low.

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E-MINI S&P 500 CALL OPTIONS

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PG47 BULLETIN #138@ E-MINI S&P 500 CALL OPTIONS Thu, Jul 19, 2018 PG47

Table with columns for price, bid, ask, volume, and open interest. Includes a 'TOTAL' row and an 'AUG18 EOW3 MINI S&P C' section.

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E-MINI S&P 500 CALL OPTIONS

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Table with columns for price, bid, ask, volume, and open interest. Includes rows for prices from 2790 to 3280 and a TOTAL row.

Table with columns for price, bid, ask, volume, and open interest. Includes rows for prices from OCT18 500 to 2960 and a TOTAL row.

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Table with columns for price, bid, ask, volume, and other market data for E-MINI S&P 500 CALL OPTIONS.

TOTAL 1917 32436 + 1085

MDW MID

Table showing MDW MID data with columns for price, bid, ask, volume, and other market data.

TOTAL 1874 5058 + 813

AUG18 MDW MID

Table showing AUG18 MDW MID data with columns for price, bid, ask, volume, and other market data.

TOTAL 9 9 + 9

MMW MID

Table showing MMW MID data with columns for price, bid, ask, volume, and other market data.

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PG47 BULLETIN #138@ E-MINI S&P 500 CALL OPTIONS Thu, Jul 19, 2018 PG47

Table with columns for time (e.g., 2905, 2910), status (e.g., UNCH), price (e.g., .10), and volume (e.g., 151). Includes sub-sections for RTM EOM (JUL18, AUG18) and a final TOTAL row.

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1640	----	72.90B	57.70A	----	72.70+	10.00	.825	----	----	2	UNCH	88.50B	10.70A
1645	----	68.50B	53.60A	----	68.30+	9.90	.811	----	----	16	UNCH	84.30B	9.80A
1645	----	73.90B	58.80A	----	72.80+	9.30	.767	----	----	1	UNCH	87.00B	39.50A
1650	----	65.20B	49.60A	----	64.00+	9.70	.794	----	----	47	UNCH	80.20B	8.90A
1655	----	60.90B	45.70A	----	59.70+	9.50	.778	----	----	2	UNCH	76.10B	8.10A
1655	----	#57.30B	42.70A	----	57.20+	9.70	.808	----	----	5	UNCH	57.30B	35.90A
1660	----	56.70B	41.90A	----	55.60+	9.40	.759	----	----	47	UNCH	72.30B	7.30A
1660	----	50.60B	35.70A	----	50.40+	9.70	.830	----	----	16	UNCH	61.90B	29.20A
1660	----	61.60B	47.50A	----	60.60+	8.80	.718	----	----	3	UNCH	75.30B	31.80A
1665	----	52.60B	38.20A	----	51.50+	9.20	.738	----	----	44	UNCH	68.10B	6.60A
1665	----	#49.80B	35.00A	----	48.70+	9.30	.767	----	----	2	UNCH	49.80B	29.10A
1665	----	46.80B	31.80A	----	46.00+	9.50	.807	----	----	4	UNCH	57.80B	25.80A
1665	----	57.60B	44.00A	----	56.70+	8.60	.700	----	----	2	UNCH	71.50B	29.40A
1670	----	48.60B	34.70A	----	47.50+	8.90	.716	----	----	86	UNCH	64.30B	6.00A
1670	----	#45.70B	31.40A	----	44.60+	9.00	.743	----	----	5	UNCH	45.70B	26.00A
1670	----	42.90B	28.10A	----	41.80+	9.20	.783	----	----	1	UNCH	53.60B	22.70A
1675	----	44.60B	31.30A	----	43.60+	8.60	.692	----	----	69	UNCH	60.50B	5.40A
1675	----	38.80B	24.60A	----	37.70+	9.00	.754	----	----	26	UNCH	49.50B	19.70A
1675	----	#41.70B	28.00A	----	40.60+	8.70	.717	----	----	12	UNCH	41.70B	23.00A
1680	----	34.70B	21.30A	----	33.70+	8.60	.722	----	----	1	UNCH	45.50B	16.90A
1680	29.60	40.80B	28.00A	----	39.80+	8.30	.666	----	3	42 -	3	56.70B	4.90A
1685	----	37.20B	24.90A	----	36.20+	8.00	.639	----	----	51	UNCH	53.10B	4.40A
1685	----	#34.00B	21.60A	----	33.00+	8.00	.658	----	----	7	UNCH	34.00B	18.30A
1685	----	30.90B	18.10A	----	29.80+	8.10	.686	----	----	14	UNCH	41.60B	14.30A
1685	----	42.60B	30.80A	----	41.80+	7.50	.615	----	----	25	UNCH	57.30B	21.00A
1690	----	33.60B	22.00A	----	32.60+	7.50	.609	----	13	99 +	13	49.60B	4.00A
1690	----	#30.40B	18.70A	----	29.40+	7.60	.624	----	----	11	UNCH	30.40B	15.10A
1690	----	27.10B	15.30A	----	26.20+	7.70	.648	----	----	11	UNCH	37.80B	12.00A
1690	----	39.20B	27.90A	----	38.40+	7.30	.591	----	----	2	UNCH	53.90B	19.20A
1695	----	30.20B	19.30A	----	29.30+	7.10	.578	----	----	39	UNCH	46.20B	3.60A
1695	----	23.60B	12.70A	----	22.70+	7.20	.605	----	----	14	UNCH	34.20B	9.90A
1695	----	35.80B	25.10A	----	35.00+	6.90	.565	----	----	1	UNCH	50.60B	17.40A
1695	----	#26.90B	14.00A	----	26.00+	7.10	.589	----	----	5	UNCH	26.90B	12.90A
1700	----	26.90B	16.80A	----	26.10+	6.70	.544	----	----	342	UNCH	42.90B	3.30A
1700	14.00	#23.60B	13.60A	----	22.80+	6.70	.550	----	2	1 -	1	23.60B	10.30A
1700	----	20.30B	10.30A	----	19.50+	6.70	.558	----	5	11 +	5	30.70B	8.00A
1700	27.00	32.60B	22.50A	----	31.80	NEW	.538	----	1	1 +	1	47.30B	15.90A
1705	----	23.80B	14.50A	----	23.00+	6.10	.510	----	----	13	UNCH	39.70B	3.00A
1705	----	#20.50B	11.40A	----	19.70+	6.10	.509	----	----	13	UNCH	20.50B	9.10A
1710	----	20.90B	12.50A	----	20.20+	5.70	.473	----	125	UNCH	36.60B	2.70A	
1710	----	26.50B	17.70A	----	25.90+	5.90	.482	----	----	1	UNCH	41.10B	12.90A
1710	----	#17.70B	9.50A	----	16.90+	5.50	.467	----	----	27	UNCH	17.70B	7.50A
1710	----	14.40B	6.60A	----	13.70+	5.30	.457	----	----	1	UNCH	24.10B	5.00A
1715	----	18.20B	10.60A	----	17.50+	5.10	.436	----	----	24	UNCH	33.60B	2.40A
1715	----	11.80B	5.20A	----	11.20+	4.60	.404	----	----	1	UNCH	21.10B	3.90A
1715	----	23.80B	15.60A	----	23.10+	5.50	.452	----	----	2	UNCH	38.10B	11.60A
1720	----	#12.60B	6.40A	----	12.00+	4.40	.378	----	----	20	UNCH	12.60B	5.00A
1720	----	9.50B	4.05A	----	9.00	NEW	.350	----	5	5 +	5	18.30B	3.00A
1720	12.90	15.70B	8.90A	----	15.10+	4.60	.398	----	1	79	UNCH	30.80B	2.15A
1725	----	13.40B	7.50A	----	12.90+	4.10	.360	----	----	42	UNCH	28.10B	1.95A
1725	----	7.60B	3.10A	----	7.20+	3.30	.299	----	----	5	UNCH	15.70B	2.30A
1725	----	#10.40B	5.10A	----	9.90+	3.70	.333	----	----	1	UNCH	10.40B	4.00A
1730	----	11.40B	6.20A	----	10.90+	3.60	.322	----	----	145	UNCH	25.50B	1.75A
1735	----	9.50B	5.10A	----	9.10+	3.10	.285	----	----	66	UNCH	23.10B	1.60A
1735	----	#6.90B	3.25A	----	6.50+	2.60	.248	----	----	7	UNCH	6.90B	2.55A
1740	----	12.40B	7.50A	----	12.00+	3.60	.299	----	----	1	UNCH	25.10B	6.20A
1740	----	7.90B	4.20A	----	7.50+	2.60	.249	----	----	78	UNCH	20.80B	1.45A
1745	----	6.50B	3.45A	----	6.20+	2.25	.216	----	----	32	UNCH	18.70B	1.30A
1745	----	10.60B	6.40A	----	10.30+	3.20	.270	----	----	2	UNCH	22.80B	5.20A
1750	4.95	5.40B	2.80A	----	5.00+	1.80	.184	----	1	46 +	1	16.70B	1.20A
1755	2.65	4.30B	2.30A	----	4.10+	1.50	.157	----	1	16 -	1	14.90B	1.10A
1760	----	3.50B	1.90A	----	3.30+	1.20	.132	----	----	14	UNCH	13.20B	1.00A
1760	----	1.10B	.60A	----	1.15+	0.50	.065	----	----	50	UNCH	3.80B	.50A
1765	----	2.80B	1.55A	----	2.70+	0.95	.111	----	----	123	UNCH	11.70B	1.25A
1770	----	2.25B	1.30A	----	2.20+	0.75	.093	----	1	130 +	1	10.30B	.85A
1775	----	1.80B	1.10A	----	1.80+	0.60	.078	----	----	57	UNCH	9.00B	.80A
1780	1.30	1.45B	.95A	----	1.45+	0.45	.065	----	4	16	UNCH	7.90B	.75A
1780	----	3.00B	1.90A	----	3.05+	1.05	.106	----	----	1	UNCH	10.80B	1.60A
1780	----	.45B	----	----	.55+	0.20	.030	----	----	10	UNCH	1.30B	.35A
1785	----	1.20B	.80A	----	1.20+	0.35	.054	----	----	20	UNCH	6.90B	.65A
1790	----	2.05B	1.35A	----	2.10+	0.70	.078	----	----	1	UNCH	8.50B	1.15A
1790	----	.95B	----	----	1.00+	0.30	.046	----	----	35	UNCH	6.00B	.60A
1795	----	.80B	----	----	.85+	0.25	.039	----	----	123	UNCH	5.20B	.50A
1800	----	.70B	----	----	.75+	0.20	.034	----	----	69	UNCH	4.55B	.45A
1805	----	.55B	----	----	.60+	0.15	.028	----	----	37	UNCH	3.90B	.40A
1810	.50	.50	.50	----	.55+	0.15	.025	----	21	100	UNCH	3.40B	.35A
1815	----	.40B	----	----	.50+	0.15	.023	----	----	138	UNCH	3.00B	.35A
1820	----	.35B	----	----	.40+	0.10	.018	----	----	28	UNCH	2.60B	.30A
1825	----	----	----	----	.40+	0.10	.018	----	----	71	UNCH	2.25B	.30A
1830	----	.30B	----	----	.35+	0.10	.015	----	----	120	UNCH	1.95B	.45A
1835	----	----	----	----	.30+	0.05	.013	----	----	106	UNCH	1.70B	.25A
1840	----	----	----	----	.30+	0.10	.013	----	----	41	UNCH	1.50B	.40A
1845	----	----	----	----	.25+	0.05	.011	----	----	5	UNCH	1.35B	.35A
1850	----	----	----	----	.25+	0.10	.010	----	----	100	UNCH	1.20B	.20A
1855	----	----	----	----	.20+	0.05	.008	----	----	12	UNCH	1.10B	.35A
1860	----	----	----	----	.20+	0.05	.008	----	----	32	UNCH	.95B	.35A
1865	----	----	----	----	.20+	0.05	.008	----	----	25	UNCH	.90B	.30A
1870	----	----	----	----	.15+	0.05	.006	----	----	3	UNCH	.85B	.30A
1875	----	----	----	----	.15+	0.05	.006	----	----	29	UNCH	.80B	.35A
1890	----	----	----	----	.15+	0.05	.005	----	----	37	UNCH	.70B	.25A
2030	----	----	----	----	CAB	----	----	----	----	18	UNCH	.05	.05
2200	.05	.05	.05	----	.05+	0.05	----	----	6	30 +	6	.05	.05
TOTAL										64	3593 +	27	
SEP18	RTM EOM												
1630	92.90	98.60B	83.70A	----	97.30	NEW	.761	----	2	2 +	2	108.40B	76.20A
1640	87.70	90.30B	75.90A	----	89.10	NEW	.739	----	2	2 +	2	100.20B	68.80A
1665	----	70.60B	57.50A	----	69.50+	7.80	.671	----	----	43	UNCH	80.60B	51.70A
1675	----	63.20B	50.70A	----	62.10+	7.50	.640	----	----	45	UNCH	73.30B	45.40A
1695	----	49.30B	38.30A	----	48.30+	6.80	.569	----	----	4	UNCH	59.10B	33.90A
1700	----	46.00B	35.40A	----	45.10+	6.60	.550	----	----	10	UNCH	55.70B	31.30A
1705	----	42.90B	32.70A	----	41.90	NEW	.530	----	1	1 +	1	52.40B	28.80A
1720	----	33.90B	25.20A	----	33.10+	5.60	.468	----					