

PRELIMINARY													
PG40 BULLETIN #148@				NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS						wed, Aug 03, 2016 PG40			
4830	----	----	----	0.45N	.50+	5	.008	----	----	94	UNCH	4.25B	.55A
4840	----	----	----	0.35N	.40+	5	.006	----	----	162	UNCH	3.60B	.45A
4850	----	----	----	0.25N	.35+	10	.004	----	----	88	UNCH	3.10B	.40A
4860	----	----	----	0.20N	.30+	10	.003	----	----	30	UNCH	2.65B	.35A
4870	----	.20B	----	0.20B	.25+	10	.002	----	----	150	UNCH	2.25B	.35A
4880	----	.15B	----	0.15B	.20+	10	.001	----	----	60	UNCH	2.00B	.65A
4890	----	----	----	0.10N	.15+	5	.001	----	----	31	UNCH	1.85B	.60A
4900	----	----	----	0.10N	.10	UNCH	.000	----	----	82	UNCH	1.70B	.55A
4910	----	----	----	0.10N	.10	UNCH	.000	----	----	1	UNCH	1.60B	.50A
4920	----	.05B	----	0.05B	.05	UNCH	.000	----	----	60	UNCH	1.50B	.45A
4930	----	.05B	----	0.05B	.05	UNCH	.000	----	----	30	UNCH	1.40B	.40A
4940	----	.05B	----	0.05B		CAB	.000	----	----	38	UNCH	1.35B	.40A
4960	----	.05B	----	0.05B		CAB	.000	----	----	30	UNCH	1.20B	.35A
4970	----	----	----	0.05N		CAB	.000	----	----	25	UNCH	1.15B	.35A
4980	----	----	----	0.05N		CAB	----	----	----	30	UNCH	1.05B	.35A
5160	----	----	----	----		CAB	----	----	----	27	UNCH	.50B	.35
5170	----	----	----	----		CAB	----	----	----	34	UNCH	.45B	.25A
5190	----	----	----	----		CAB	----	----	----	26	UNCH	.40B	.30
5200	----	----	----	----		CAB	----	----	----	26	UNCH	.40B	.30
5210	----	----	----	----		CAB	----	----	----	6	UNCH	.40B	.30
5240	----	----	----	----		CAB	----	----	----	24	UNCH	.35B	.25
5250	----	----	----	----		CAB	----	----	----	24	UNCH	.35B	.25
TOTAL									1199	4869 +	18		
SEP16		(FUTURES SETT. .00)											
4450	----	288.00B	276.75A	283.50B	292.50+	1125	.886	----	----	1	UNCH	316.50B	230.00A
4500	----	242.75B	231.75A	238.50B	247.00+	1050	.851	----	----	1	UNCH	270.25B	188.75A
4600	----	157.75B	149.00A	154.25B	161.00+	800	.745	----	----	1	UNCH	182.25B	114.75A
4800	----	32.75B	29.75A	31.00B	33.25+	250	.327	----	----	1	UNCH	46.00B	21.25A
TOTAL									0	4			

E-MINI NASDAQ 100 WEEKLY-2 CALLS													
STRIKE		OPEN	RANGE	HIGH	LOW	CLOSING RANGE		SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT-- HIGH LOW
AUG16				(FUTURES SETT. .00)									
4380	----	----	----	343.25B	331.75A	338.50A		349.50+	1375	.984	----	1	UNCH 375.00B 90.50A
4400	----	----	----	323.50B	312.00A	319.00A		329.75+	1375	.982	----	1	UNCH 355.00B 79.25A
4430	----	----	----	294.00B	282.25A	289.00A		300.00+	1350	.978	----	5	UNCH 325.50B 64.00A
4440	----	----	----	284.25B	273.50A	279.25A		290.00+	1325	.976	----	5	UNCH 315.75B 59.25A
4470	----	----	----	254.50B	243.75A	249.75A		260.50+	1300	.969	----	5	UNCH 286.25B 46.25A
4480	----	----	----	244.75B	234.00A	240.00A		250.50+	1275	.967	----	5	UNCH 276.00B 42.25A
4490	----	----	----	235.25B	224.25A	230.25A		240.75+	1275	.964	----	5	UNCH 266.25B 38.75A
4500	----	----	----	225.50B	214.25A	220.25A		231.00+	1275	.960	----	16	UNCH 256.50B 34.50
4530	----	----	----	196.25B	185.25A	191.25A		201.75+	1200	.947	----	5	UNCH 227.25B 26.00A
4570	----	----	----	158.00B	147.50A	153.75B		163.50+	1100	.919	----	6	UNCH 189.00B 16.75A
4580	----	----	----	149.00B	138.00A	144.00A		154.00+	1075	.910	----	12	UNCH 179.50B 14.75A
4590	----	----	----	139.75B	128.75A	134.75B		144.75+	1050	.898	----	6	UNCH 170.25B 13.25A
4600	----	----	----	130.75B	120.50A	126.25B		135.50+	1000	.886	----	18	UNCH 160.75B 11.75A
4610	----	----	----	121.75B	111.50A	117.50B		126.50+	975	.870	----	61	UNCH 151.50B 10.25A
4620	----	----	----	113.00B	103.25A	108.75B		117.50+	925	.854	----	91	UNCH 142.25B 9.25A
4630	----	----	----	104.25B	95.00A	100.25B		108.75+	875	.835	----	12	UNCH 133.00B 8.25A
4640	----	----	----	95.75B	86.75A	92.00B		100.00+	825	.814	----	14	UNCH 124.25B 7.25A
4650	----	----	----	87.75B	78.75A	84.00B		91.50+	775	.791	----	77	UNCH 115.75B 6.50A
4660	----	----	----	79.50B	71.25A	76.25B		83.50+	750	.763	----	38	UNCH 107.25B 26.75A
4670	----	----	----	71.75B	63.75A	68.50B		75.50+	700	.734	----	17	UNCH 98.75B 23.50A
4680	----	----	----	64.25B	57.00A	61.25B		67.75+	650	.702	----	40	UNCH 90.50B 20.75A
4690	----	----	----	59.00B	50.25A	56.50B		60.25+	575	.667	----	258	UNCH 82.75B 18.00A
4700	----	----	----	52.25B	43.75A	49.50B		53.25+	525	.628	----	180	UNCH 74.75B 15.75A
4710	----	----	----	46.00B	38.00A	43.00B		46.50+	475	.586	----	203	UNCH 67.75B 13.50A
4720	----	32.75	----	40.00B	32.50A	37.00B		40.25+	400	.542	5	263	UNCH 62.00B 11.75A
4730	----	----	----	34.25B	27.25A	31.25B		34.25+	325	.495	----	251	UNCH 55.00B 10.25A
4740	----	26.50	----	29.00B	22.75A	26.00B		29.00+	275	.446	2	166	UNCH 48.25B 8.75A
4750	----	----	----	24.25B	18.75A	21.50B		24.00+	225	.396	----	104	UNCH 43.00B 7.50A
4760	----	----	----	20.00B	15.25A	17.50B		19.75+	175	.347	----	228	UNCH 37.00B 6.50A
4770	----	12.50	----	16.25B	12.00A	13.75B		16.00+	125	.298	66	209 +	56 31.50B 5.75A
4780	----	12.25	----	13.00B	9.50A	11.00		12.75+	75	.252	135	295 +	81 26.50B 4.85A
4790	----	9.75	----	10.25B	7.50A	8.25B		10.00+	50	.209	28	210 +	28 22.00B 4.20A
4800	----	7.75	----	8.00B	6.00	6.25B		7.75+	25	.170	21	103 +	5 18.25B 3.65A
4810	----	6.00	----	6.00	4.65A	4.90B		6.00	UNCH	.137	10	92	UNCH 14.75B 3.20A
4820	----	----	----	4.80B	3.60A	3.70B		4.50+	20	.107	1	44 +	1 11.75B 2.70A
4830	----	----	----	----	2.90A	2.90A		3.45+	20	.084	1	19 +	1 9.50B 2.35A
4840	----	----	----	----	2.35A	2.35A		2.65+	25	.066	1	105 +	1 7.50B 2.05A
4850	----	2.15	----	2.15	1.90A	1.90A		2.05+	20	.051	13	39 +	13 5.75B 1.80A
4860	----	----	----	----	1.60A	1.60A		1.65+	15	.041	----	65	UNCH 4.65B 1.55A
4870	----	----	----	----	1.35A	1.35A		1.30+	15	.032	----	30	UNCH 3.90B 1.25A
4880	----	----	----	----	1.15A	1.15A		1.10+	10	.027	----	60	UNCH 3.00B 1.05A
4890	----	1.15	----	1.15	1.00A	1.00A		.90+	10	.022	60	120 +	60 2.50B .90A
4900	----	----	----	----	----	0.85N		.80+	5	.019	----	60	UNCH 2.25B .75A
4910	----	0.85	----	.85	.75A	0.75A		.70+	5	.016	30	90 +	30 2.05B .65A
4920	----	0.75	----	.75	.70A	0.70A		.60+	NEW	.013	60	60 +	60 1.90B .60A
4940	----	0.60	----	.60	.55A	0.55A		.50	UNCH	.011	30	30 +	30 1.65B .50A
4960	----	----	----	----	----	0.40N		.45+	5	.009	----	12	UNCH 1.40B .70A
4970	----	----	----	----	----	0.40N		.40	UNCH	.008	----	12	UNCH 1.35B .65A
5000	----	----	----	----	----	0.30N		.35+	5	.006	----	37	UNCH 1.10B .50A
5020	----	----	----	----	----	0.25N		.35+	10	.006	----	30	UNCH .95B .45A
5040	----	----	----	----	----	0.25N		.30+	5	.005	----	42	UNCH .85B .45A
5060	----	----	----	----	----	0.20N		.30+	10	.004	----	30	UNCH .75B .55A
5130	----	0.20	----	.20	*.20	0.20		.20+	NEW				

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PG40 BULLETIN #148@			NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS							wed, Aug 03, 2016				
4210	----		527.00B	509.75A	522.00B		527.50+	1250	.941	----	----	12	UNCH	669.75B
4220	----		517.25B	500.25A	512.25B		517.75+	1225	.939	----	----	51	UNCH	662.00B
4230	----		507.75B	490.75A	502.75B		508.25+	1250	.936	----	9	87 -	9	654.25B
4240	----		498.25B	481.25A	493.00B		498.75+	1250	.933	----	----	50	UNCH	646.50B
4250	----		488.50B	471.75A	483.50B		489.25+	1225	.930	----	----	1022	UNCH	639.00B
4270	----		469.50B	452.75A	464.50B		470.25+	1225	.925	----	----	1	UNCH	623.75B
4290	----		450.50B	434.00A	445.50B		451.25+	1200	.919	----	----	25	UNCH	608.50B
4300	----		441.00B	424.50A	436.00B		441.75+	1200	.916	----	----	139	UNCH	601.00B
4310	----		431.50B	415.25A	426.50B		432.25+	1200	.912	----	----	28	UNCH	593.50B
4320	----		422.00B	406.00A	417.25B		423.00+	1200	.908	----	----	52	UNCH	586.00B
4330	----		412.75B	396.50A	407.75B		413.50+	1175	.905	----	----	56	UNCH	578.50B
4340	----		403.25B	387.25A	398.50B		404.00+	1150	.901	----	----	27	UNCH	571.25B
4350	----		394.00B	378.00A	389.00B		394.75+	1150	.897	----	----	53	UNCH	563.75B
4360	----		384.50B	369.00A	379.75B		385.50+	1150	.892	----	----	542	UNCH	556.50B
4370	----		375.25B	359.75A	370.50B		376.00+	1125	.889	----	----	202	UNCH	549.25B
4380	----		366.00B	350.50A	361.25B		366.75+	1125	.884	----	----	12	UNCH	542.00B
4390	----		356.75B	341.50A	352.25B		357.50+	1100	.879	----	----	13	UNCH	534.75B
4400	----		347.75B	332.50A	343.00B		348.50+	1100	.873	----	----	893	UNCH	527.50B
4410	----		338.50B	323.50A	334.00B		339.25+	1075	.868	----	----	18	UNCH	520.25B
4420	----		329.50B	314.75A	324.75B		330.00+	1050	.863	----	----	608	UNCH	513.25B
4430	----		320.25B	305.50A	315.75B		321.00+	1050	.857	----	----	261	UNCH	506.00B
4440	----		311.25B	297.00A	306.75B		312.00+	1050	.851	----	----	1060	UNCH	499.00B
4450	----		302.50B	288.25A	298.00B		303.00+	1025	.845	----	----	197	UNCH	492.00B
4460	----		293.50B	279.25A	289.00B		294.00+	1000	.838	----	----	37	UNCH	485.00B
4470	----		284.50B	270.50A	280.25B		285.25+	1000	.831	----	----	129	UNCH	478.00B
4480	----		275.75B	262.25A	271.50B		276.50+	1000	.823	----	----	24	UNCH	471.25B
4490	----		267.00B	253.50A	262.75B		267.75+	975	.816	----	----	6	UNCH	464.25B
4500	----		258.25B	245.00A	254.25B		259.00+	950	.808	----	----	621	UNCH	457.50B
4510	----		249.75B	236.75A	245.50B		250.50+	950	.799	----	----	16	UNCH	450.75B
4520	----		241.25B	228.50A	237.25B		242.00+	950	.791	----	----	174	UNCH	444.00B
4530	----		232.75B	220.25A	228.75B		233.50+	925	.782	----	----	16	UNCH	437.25B
4540	----		224.25B	211.50A	220.25B		225.00+	900	.772	----	----	161	UNCH	430.75B
4550	----		216.00B	203.75A	212.00B		216.75+	900	.762	----	9	448	UNCH	424.00B
4560	----		207.75B	195.75A	204.00B		208.50+	875	.752	----	----	320	UNCH	417.50B
4570	----		199.50B	188.00A	195.75B		200.25+	850	.742	----	----	718	UNCH	411.00B
4580	----		191.50B	180.00A	187.75B		192.25+	800	.730	----	----	104	UNCH	404.50B
4590	----		183.50B	172.25A	180.00B		184.50+	800	.719	----	----	27	UNCH	398.00B
4600	----		175.75B	165.00A	172.00B		176.75+	800	.707	----	----	774	UNCH	391.50B
4610	----		167.75B	157.25A	164.50B		169.00+	775	.694	----	----	43	UNCH	385.25B
4620	----		160.25B	150.00A	157.00B		161.25+	750	.681	----	----	795	UNCH	379.00B
4630	145.00		152.75B	143.00A	149.50B		153.75+	725	.668	----	12	39	UNCH	372.50B
4640	----		145.25B	135.75A	142.25B		146.25+	675	.654	----	----	17	UNCH	366.25B
4650	----		138.00B	128.75A	135.00B		139.00+	650	.639	----	----	94	UNCH	360.25B
4660	----		130.75B	122.00A	127.75B		131.75+	625	.624	----	----	36	UNCH	354.00B
4670	----		123.75B	115.25A	121.00B		124.75+	600	.609	----	----	228	UNCH	348.00B
4680	----		117.00B	108.25A	114.25B		118.00+	575	.593	----	----	488	UNCH	342.00B
4690	----		110.25B	101.75A	107.75B		111.25+	550	.576	----	----	41	UNCH	336.00B
4700	100.50		104.50B	95.50A	101.50B		104.75+	525	.559	----	4	1361 +	3	330.00B
4710	----		98.00B	89.75A	95.25B		98.25+	500	.542	----	----	528	UNCH	324.00B
4720	87.75		91.75B	83.75A	89.00B		92.00+	475	.524	----	2	76	UNCH	318.25B
4730	----		85.75B	78.25A	83.25B		86.00+	450	.505	----	92	358 -	45	312.50B
4740	73.50		80.00B	72.75A	77.50B		80.25+	425	.486	----	3	184 +	2	306.75B
4750	70.00		74.25B	66.50	72.00B		74.50+	375	.467	----	41	464 -	33	301.00B
4760	62.75		69.00B	62.50A	66.75B		69.00+	350	.448	----	3	51 -	3	295.25B
4770	----		63.75B	57.50A	61.50B		63.75+	325	.428	----	----	655	UNCH	289.75B
4780	51.25		58.75B	51.25	56.75B		58.75+	300	.407	----	1	192	UNCH	284.25B
4790	49.00		54.00B	48.50A	52.00B		53.75+	250	.387	----	3	150 +	3	278.75B
4800	45.00		49.50B	44.25A	47.50B		49.25+	250	.366	----	2	300	UNCH	273.25B
4810	43.00		45.25B	40.25A	43.25B		45.00+	225	.346	----	5	109	UNCH	268.00B
4820	39.25		41.25B	36.50A	39.25B		40.75+	200	.325	----	11	132	UNCH	262.50B
4830	35.50		37.25B	32.75	35.50B		37.00+	175	.305	----	21	95 +	18	257.25B
4840	30.25		33.75B	29.75A	31.75B		33.25+	150	.284	----	48	165 +	21	252.00B
4850	29.25		30.25B	26.75A	28.50B		30.00+	125	.264	----	23	269 +	22	246.75B
4860	----		27.25B	24.00A	25.50B		27.00+	125	.246	----	----	78	UNCH	241.50B
4870	21.25		24.25B	21.25	22.75B		24.00+	100	.226	----	7	58	UNCH	236.50B
4880	----		21.50B	19.00A	20.25B		21.50+	100	.209	----	75	336 +	39	231.50B
4890	18.25		19.25B	16.75A	17.75B		19.00+	75	.191	----	31	147	UNCH	226.50B
4900	16.00		17.00	14.75	15.75B		17.00+	75	.175	----	203	1044 -	86	221.75B
4910	13.25		15.00B	13.00	13.75B		15.00+	50	.159	----	23	84 +	1	217.00B
4920	11.75		13.25B	11.50	12.00B		13.25+	50	.145	----	23	153	UNCH	212.00B
4930	10.25		11.75	10.25	10.50B		11.75+	50	.131	----	27	130 +	27	207.50B
4940	9.00		10.25B	9.00	9.25		10.25+	50	.118	----	2	418	UNCH	202.75B
4950	8.00		9.00B	7.75	8.00		9.00+	25	.106	----	337	361 +	270	198.25B
4960	7.00		7.25B	7.00	7.00		8.00+	25	.096	----	1	46 +	1	193.50B
4970	6.25		6.25	6.25	6.25		7.00+	25	.086	----	69	103 +	46	189.25B
4980	5.50		6.00B	5.50	5.50		6.00+	25	.076	----	103	370 +	68	184.75B
4990	----		5.25B	4.85A	4.85A		5.25+	25	.068	----	----	65	UNCH	180.25B
5000	4.60		4.65B	4.25	4.35		4.70+	25	.061	----	14	652 +	4	176.00B
5010	----		4.05B	3.85A	3.85A		4.15+	25	.055	----	1	152 +	1	171.75B
5020	----		3.60B	----	3.45A		3.65+	20	.049	----	----	71	UNCH	167.50B
5030	----		3.15B	----	3.05A		3.20+	20	.044	----	----	65	UNCH	163.50B
5040	----		2.75B	----	2.75B		2.85+	20	.039	----	----	74	UNCH	159.50B
5050	----		2.45B	----	2.45B		2.50+	15	.035	----	295	412 +	257	155.50B
5060	----		2.15B	----	2.15B		2.25+	20	.031	----	----	19	UNCH	151.50B
5070	----		1.90B	----	1.90B		2.00+	15	.028	----	----	16	UNCH	147.50B
5080	----		1.70B	----	1.70B		1.80+	15	.025	----	----	5	UNCH	143.75B
5090	----		1.50B	----	1.50B		1.60+	15	.023	----	----	3	UNCH	140.00B
5100	----		1.35B	----	1.35B		1.45+	15	.021	----	----	70	UNCH	136.25B
5110	----		1.20B	----	1.20B		1.30+	15	.019	----	----	121	UNCH	132.75B
5120	----		----	----	1.05N		1.20+	15	.017	----	----	94	UNCH	129.00B
5130	----		----	----	0.95N		1.10+	15	.016	----	----	210	UNCH	125.50B
5140	----		----	----	0.85N		1.00+	15	.014	----	----	150	UNCH	122.25B
5150	----		----	----	0.75N		.90+	15	.013	----	----	120	UNCH	118.75B
5160	----		----	----	0.70N		.85+	15	.012	----	----	30	UNCH	115.50B
5170	----		----	----	0.65N		.80+	15	.011	----	----	90	UNCH	112.25B
5180	----		----	----	0.60N		.75+	15	.010	----	----	210	UNCH	109.

PRELIMINARY															
PG40 BULLETIN #148@			NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS								wed, Aug 03, 2016			PG40	
4600	----		262.25B	256.25A	259.00B		265.75+	825	.615	----	----	114	UNCH	412.00B	62.50A
4630	----		242.00B	237.00A	238.75A		245.25+	800	.593	----	----	1	UNCH	393.75B	55.75A
4650	----		228.50B	224.00A	225.75A		231.75+	750	.577	----	----	226	UNCH	381.75B	51.00A
4700	----		197.00B	192.75A	194.25A		200.00+	700	.537	----	----	88	UNCH	353.00B	40.75A
4740	----		173.25B	----	171.00A		176.00+	650	.502	----	----	1	UNCH	330.25B	34.00A
4750	----		167.25B	----	165.25A		170.25+	650	.493	----	----	375	UNCH	325.00B	32.50A
4790	----		145.25B	----	143.75A		148.00+	575	.457	----	----	2	UNCH	303.25B	26.75A
4800	----		140.00B	----	138.25A		142.75+	575	.448	----	----	154	UNCH	298.00B	25.50A
4810	----		134.75B	----	133.25A		137.50+	575	.438	----	----	1	UNCH	292.75B	24.25A
4820	----		129.75B	----	128.25A		132.50+	575	.429	----	----	60	UNCH	287.50B	23.25A
4840	----		119.50B	----	118.50A		122.50+	525	.410	----	----	16	UNCH	277.75B	21.00A
4850	----		115.00B	----	114.00B		117.75+	525	.400	----	----	82	UNCH	272.75B	20.00A
4860	110.00		111.25	109.50A	109.50A		113.00+	500	.391	----	11	25 +	10	267.75B	19.00A
4890	----		96.75B	----	95.75B		99.75+	500	.362	----	----	1	UNCH	252.75B	16.50A
4900	90.00		92.50B	90.00	91.75B		95.50+	475	.352	----	5	220	UNCH	248.00B	15.75A
4910	----		88.50B	----	87.75B		91.25+	450	.343	----	----	4	UNCH	243.25B	15.00A
4920	----		84.25B	----	83.50B		87.25+	450	.333	----	----	1	UNCH	238.75B	20.50A
4930	----		80.25B	----	79.75B		83.25+	450	.323	----	----	2	UNCH	234.00B	19.50A
4940	----		76.75B	----	76.00B		79.50+	450	.314	----	----	21	UNCH	229.25B	18.50A
4950	----		72.75B	----	72.25B		75.75+	425	.304	----	----	16	UNCH	224.75B	17.50A
4960	----		69.25B	----	68.50B		72.25+	425	.295	----	----	21	UNCH	220.25B	16.75A
4970	----		65.75B	----	65.00B		68.75+	425	.285	----	----	42	UNCH	216.00B	16.00A
4980	----		62.25B	----	61.75B		65.25+	400	.276	----	----	2	UNCH	211.75B	15.25A
5000	54.50		55.75B	54.50	55.50B		59.00+	400	.257	----	20	260 +	20	203.00B	13.75A
5020	----		50.00B	----	49.50B		53.00+	375	.239	----	----	22	UNCH	194.75B	12.50A
5030	----		47.00B	----	46.50N		50.00+	350	.230	----	----	1	UNCH	190.50B	11.75A
5040	----		44.25B	----	44.00B		47.25+	350	.221	----	----	50	UNCH	186.25B	11.25A
5050	----		41.75B	----	41.25N		44.75+	350	.212	----	----	203	UNCH	182.25B	10.75A
5060	----		39.25B	----	39.00N		42.25+	325	.204	----	----	7	UNCH	178.50B	10.25A
5070	----		----	----	36.75N		39.75+	300	.195	----	----	16	UNCH	174.50B	9.75A
5080	----		----	----	34.50N		37.50+	300	.187	----	----	2	UNCH	170.75B	9.50A
5100	----		----	----	30.50N		33.25+	275	.171	----	----	3	UNCH	163.00B	8.75A
5110	----		----	----	28.50N		31.25+	275	.164	----	----	1	UNCH	159.25B	8.25A
5200	----		----	----	15.50N		17.00+	150	.103	----	----	5	UNCH	128.25B	3.50
5250	----		----	----	11.00N		11.75+	75	.077	----	----	1	UNCH	112.75B	8.00
TOTAL											36	2520 +	30		
MAR17	EMINI NASD CALL		(FUTURES SETT. 4714.25 + 1400.0)												
4600	----		324.75B	----	322.50A		328.50+	950	.595	----	----	1	UNCH	340.50B	111.00A
5000	----		----	----	112.25N		115.75+	350	.331	----	----	20	UNCH	120.75B	29.50A
5050	----		----	----	94.00N		97.50+	350	.297	----	----	30	UNCH	101.50B	31.50A
TOTAL											0	51			
JUN17	EMINI NASD CALL		(FUTURES SETT. 4708.25 + 1400.0)												
4050	----		785.00B	----	782.25B		788.50+	1100	.790	----	----	6	UNCH	807.00B	423.50A
4140	----		712.75B	----	710.50B		716.75+	1075	.764	----	----	3	UNCH	734.00B	369.50A
4150	----		705.25B	----	702.50B		708.75+	1075	.761	----	----	2	UNCH	726.00B	363.75A
4480	----		461.50B	----	459.25B		465.00+	975	.640	----	----	1	UNCH	478.00B	199.00A
4630	----		363.50B	----	361.75B		366.25+	825	.572	----	----	2	UNCH	378.00B	142.75A
4650	----		351.00B	----	349.50B		353.75+	825	.562	----	----	1	UNCH	365.25B	135.75A
4670	----		338.75B	----	337.25B		341.25+	775	.553	----	----	26	UNCH	352.75B	130.25A
4760	----		286.75B	----	285.25B		288.25+	675	.506	----	----	7	UNCH	299.25B	104.00A
4770	----		281.25B	----	279.75B		282.75+	675	.501	----	----	5	UNCH	293.25B	101.25A
4780	----		275.75B	----	274.25B		277.25+	675	.496	----	----	4	UNCH	288.00B	98.50A
4820	----		254.25B	----	252.50B		256.00+	650	.474	----	----	4	UNCH	265.50B	88.50A
4950	----		190.00B	----	189.00B		192.25+	550	.402	----	----	1	UNCH	200.00B	61.25A
TOTAL											0	62			
ADDITIONAL NASDAQ CALLS															
STRIKE		OPEN	RANGE	HIGH	LOW	CLOSING	RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST		--CONTRACT-- HIGH	LOW
ON OOF	ON OOF			(FUTURES SETT. .00)											
AUG16	ON OOF			473.75B	463.25A	468.75A		479.75+	13.50	.983	----	3	UNCH	505.00B	96.25A
4250	----			444.25B	433.50A	439.25A		450.25+	13.75	.980	----	2	UNCH	475.25B	81.75A
4280	----			404.75B	394.00A	399.75A		410.50+	13.25	.975	----	5	UNCH	436.00B	64.50A
4320	----			385.00B	373.25A	380.25A		390.75+	13.25	.972	----	20	UNCH	416.00B	56.50A
4340	----			375.25B	364.50A	370.00A		381.00+	13.25	.970	----	5	UNCH	406.50B	52.75A
4350	----			365.25B	353.50A	360.50A		371.00+	13.00	.969	----	7	UNCH	396.25B	49.25A
4360	----			355.25B	343.75A	350.75A		361.25+	13.00	.966	----	1	UNCH	386.75B	45.75A
4370	----			345.75B	335.00A	340.75A		351.50+	13.00	.964	----	43	UNCH	376.75B	42.50A
4380	----			326.00B	315.50A	321.00A		332.00+	13.00	.960	----	1	UNCH	357.25B	36.50A
4400	----			316.25B	305.75A	311.50A		322.25+	12.75	.957	----	17	UNCH	347.25B	33.75A
4410	----			306.75B	295.00A	301.75A		312.50+	12.75	.954	----	14	UNCH	337.50B	31.00A
4420	----			297.00B	286.00A	292.00A		302.75+	12.75	.951	----	10	UNCH	327.75B	28.50A
4430	----			277.75B	266.75A	272.75A		283.50+	12.50	.942	----	17	UNCH	308.50B	24.00A
4450	----			268.25B	257.00A	263.00A		273.75+	12.25	.939	----	23	UNCH	298.75B	22.00A
4460	----			258.25B	247.50A	253.50A		264.00+	12.00	.935	----	33	UNCH	289.00B	20.25A
4470	----			249.00B	238.00A	244.25B		254.50+	12.00	.929	----	3	UNCH	279.50B	18.50A
4480	----			239.50B	228.50A	234.75B	</								



CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000



PRELIMINARY

PG40 BULLETIN #148@				NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS						wed, Aug 03, 2016				PG40
QN OOF														
5220	----	----	----	.15N	.20+	0.05	.002	----	----	2	UNCH	.35B	.20	
5230	----	----	----	.15N	.20+	0.05	.002	----	----	26	UNCH	.35B	.30A	
5240	----	----	----	.15N	.15	UNCH	.002	----	----	26	UNCH	.35B	.30	
5270	----	----	----	.10N	.15+	0.05	.002	----	----	31	UNCH	.30B	.25	
5280	----	----	----	.10N	.10	UNCH	.001	----	----	26	UNCH	.25B	.25	
5290	----	----	----	.10N	.10	UNCH	.001	----	----	31	UNCH	.25B	.25	
5300	----	----	----	.10N	.10	UNCH	.001	----	----	31	UNCH	.25B	.25	
5320	----	----	----	.05N	.10+	0.05	.001	----	----	26	UNCH	.25B	.25	
5440	----	----	----	----	CAB	----	.000	----	----	15	UNCH	.30B	.30	
5460	----	----	----	----	CAB	----	.000	----	----	15	UNCH	.30B	.25A	
5560	----	----	----	----	CAB	----	.000	----	----	12	UNCH	.35B	.30	
5570	----	----	----	----	CAB	----	.000	----	----	12	UNCH	.35B	.30	
5580	----	----	----	----	CAB	----	.000	----	----	12	UNCH	.35B	.30	
TOTAL										69	4913 +	55		
OCT16	ON OOF	(FUTURES SETT. .00)												
4600	----	208.50B	200.75A	205.25B	211.25+	7.50	.646	----	----	1	UNCH	227.75B	131.50A	
4620	----	194.25B	186.75A	191.00B	196.75+	7.25	.626	----	----	1	UNCH	213.00B	120.00A	
4660	----	167.00B	160.00A	164.25B	169.50+	6.75	.584	----	----	1	UNCH	184.50B	99.00A	
4700	----	141.50B	135.50A	139.00B	143.50+	6.25	.538	----	----	1	UNCH	157.50B	80.00A	
4740	118.00	118.00	112.50A	115.50B	119.50	NEW	.489	----	1	1 +	1	133.25B	63.25A	
4790	----	90.50B	86.75A	88.75B	92.50+	4.75	.423	----	----	10	UNCH	104.00B	45.75A	
4800	----	85.75B	82.25A	83.75B	87.50+	4.50	.410	----	----	1	UNCH	98.75B	42.75A	
4810	----	80.75B	77.75A	79.00B	82.75+	4.25	.396	----	----	10	UNCH	93.50B	40.00A	
4820	----	76.25B	73.50A	74.50B	78.00+	4.00	.382	----	----	70	UNCH	88.25B	37.25A	
4840	----	67.25B	65.00A	65.75B	69.25+	4.00	.355	----	----	10	UNCH	78.50B	32.25A	
4900	----	44.50B	----	43.50A	46.00+	2.50	.273	----	----	74	UNCH	53.00B	20.25A	
4980	----	23.25B	----	23.25B	24.00+	1.00	.172	----	----	27	UNCH	28.25B	14.75A	
4990	----	21.25B	----	21.25B	22.00+	1.00	.162	----	----	5	UNCH	25.75B	13.75A	
5000	----	19.50B	----	19.50B	20.00+	0.75	.151	----	----	39	UNCH	23.50B	12.50A	
5010	----	----	----	17.75N	18.25+	0.50	.140	----	----	12	UNCH	21.50B	11.50A	
TOTAL										1	263 +	1		
MINI NSDO	EOM C	(FUTURES SETT. .00)												
AUG16	MINI NSDO EOM C													
4300	----	428.50B	416.75A	423.25A	434.00+	12.75	.952	----	----	2	UNCH	458.75B	87.75A	
4350	----	380.25B	369.00A	375.00A	385.75+	12.75	.937	----	----	1	UNCH	410.25B	67.00A	
4400	----	332.50B	321.25A	327.75B	337.75+	12.25	.920	----	----	1	UNCH	362.25B	49.50A	
4450	----	285.75B	274.50A	281.00B	290.50+	11.25	.896	----	----	2	UNCH	314.75B	35.25A	
4500	----	240.00B	229.50A	235.75B	244.25+	10.50	.863	----	----	2	UNCH	268.25B	24.50A	
4540	----	204.50B	194.00A	200.50B	208.75+	9.50	.828	----	----	2	UNCH	231.75B	17.75A	
4550	----	196.00B	185.75A	192.00B	200.00+	9.25	.817	----	----	5	UNCH	222.75B	16.50A	
4580	----	170.50B	161.00A	167.00B	174.25+	8.75	.783	----	----	5	UNCH	196.50B	13.00A	
4600	----	154.25B	145.00A	150.75B	157.75+	8.25	.756	----	----	21	UNCH	179.50B	11.00A	
4650	----	115.50B	107.50A	112.25B	118.50+	7.25	.675	----	----	3	UNCH	138.50B	7.50A	
4690	----	87.00B	80.50A	84.75B	90.00+	6.25	.595	----	----	4	UNCH	108.00B	5.50A	
4700	----	81.25B	74.25A	78.75B	83.25+	6.00	.573	----	----	15	UNCH	101.00B	5.25A	
4730	----	62.75B	57.25A	60.50B	64.25+	4.75	.502	----	----	8	UNCH	80.50B	4.30A	
4750	----	51.50B	47.00A	49.50B	53.00+	4.25	.451	----	----	3	UNCH	68.75B	2.00	
4760	----	46.25B	42.25A	44.50B	47.50+	3.75	.424	----	----	1	UNCH	63.00	5.25A	
4780	----	37.00B	33.75A	35.25B	38.00+	3.25	.369	----	----	1	UNCH	51.50B	4.35A	
4800	----	28.75B	26.50A	27.25B	29.50+	2.25	.314	----	----	2	UNCH	41.50B	4.40A	
4830	----	18.75B	17.50A	17.50A	19.50+	1.50	.236	----	----	16	UNCH	28.75B	3.60A	
4850	----	13.50B	13.00A	13.00A	14.25+	1.00	.188	----	----	21	UNCH	22.00B	3.30A	
4880	----	----	8.25A	8.25A	9.00+	0.50	.130	----	52	57 +	52	13.75B	4.10A	
4910	----	----	5.25N	5.25N	5.75+	0.50	.089	----	----	9	UNCH	8.25B	4.40A	
4920	----	4.50A	4.50A	4.50A	4.95	NEW	.078	----	52	52 +	52	7.00B	3.85A	
4930	----	----	3.90N	3.90N	4.25+	0.35	.068	----	----	14	UNCH	5.75B	3.35A	
4940	----	----	3.35N	3.35N	3.70+	0.35	.060	----	----	6	UNCH	5.00B	2.90A	
5000	----	----	1.40N	1.40N	1.70+	0.30	.029	----	----	21	UNCH	2.20	1.40A	
5010	----	----	1.20N	1.20N	1.50+	0.30	.025	----	----	18	UNCH	2.00	1.30A	
5120	----	----	.30N	.30N	.50+	0.20	.008	----	104	3	UNCH	2.50	2.20A	
TOTAL											295 +	104		
SEP16	MINI NSDO EOM C	(FUTURES SETT. .00)												
4300	----	438.25B	427.75A	433.75B	443.50+	11.75	.881	----	----	2	UNCH	466.00B	112.50A	
4330	----	411.25B	400.50A	406.75B	416.00+	11.25	.869	----	----	1	UNCH	438.50B	99.25A	
4500	----	263.75B	254.75A	260.00B	267.50+	9.00	.765	----	----	1	UNCH	287.25B	41.00A	
4590	----	193.00B	185.00A	189.75B	196.00+	7.75	.680	----	----	17	UNCH	213.75B	23.00A	
4600	----	185.75B	177.75A	182.25B	188.50+	7.50	.669	----	----	48	UNCH	206.00B	21.50A	
4620	----	171.00B	163.25A	167.75B	173.75+	7.00	.646	----	----	33	UNCH	190.50B	18.75A	
4630	----	163.75B	156.75A	160.50B	166.75+	7.00	.634	----	----	38	UNCH	183.00B	17.50A	
4640	----	156.50B	149.50A	153.75B	159.75+	7.00	.622	----	----	47	UNCH	175.75B	16.25A	
4650	----	149.75B	143.25A	147.00B	152.75+	7.00	.609	----	----	31	UNCH	168.50B	15.25A	
4670	----	136.50B	129.50A	133.75B	139.00+	6.50	.583	----	----	22	UNCH	154.25B	13.25A	
4680	----	129.75B	123.25A	128.25B	132.50+	6.50	.569	----	----	10	UNCH	147.50B	12.25A	
4690	----	124.75B	117.00A	122.00B	126.00+	6.25	.555	----	----	5	UNCH	140.50B	11.50A	
4700	----	118.25B	111.00A	115.50B	119.50+	6.00	.541	----	----	5	UNCH	133.75B	10.75A	
4720	----	106.00B	99.25A	103.50B	107.25+	5.75	.511	----	----	1	UNCH	122.75B	9.25A	
4750	85.75	88.75B	83.00A	86.50B	89.75+	5.00	.464	----	1	1 +	1	104.00B	7.50A	
4800	----	63.50B	59.75A	61.50B	64.00+	3.75	.382	----	----	1	UNCH	76.00B	5.50A	
5000	----	----	----	9.75N	10.00+	0.25	.099	----	----	14	UNCH	12.25B	4.30A	
5050	----	----	----	5.75N	5.75	UNCH	.063	----	----	14	UNCH	7.25B	2.65A	
TOTAL										1	291 +	1		
OCT16	MINI NSDO EOM C	(FUTURES SETT. .00)												
4800	----	95.75B	92.00A	93.75B	98.00+	5.00	.419	----	----	5	UNCH	108.50B	19.00A	
4850	----	72.75B	70.25A	71.00B	74.75+	4.25	.356	----	----	5	UNCH	83.50B	13.25A	
4870	----	64.50B	----	62.75A	66.25+	3.75	.330	----	----	4	UNCH	74.75B	11.25A	
TOTAL										0	14			
NOV16	MINI NSDO EOM C	(FUTURES SETT. .00)												
4700	177.50	183.25B	176.50A	180.50B	186.00	NEW	.536	----	1	1 +	1	196.50B	165.00A	
5000	----	46.00B	----	45.25B	47.75	NEW	.234	----	10	10 +	10	51.25B	40.50A	
5300	----	----	----	4.60N	5.25	NEW	.041	----	5	5 +	5	----	5.50A	
TOTAL										16	16 +	16		

E-MINI NASDAQ 100 WEEKLY-1 PUTS

STRIKE		OPEN	RANGE	HIGH	LOW	CLOSING	RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT--	
													HIGH	LOW
QN1 PUT														
AUG16	QN1 PUT	(FUTURES SETT. .00)												
3580	----	----	----	----	----	----	----	CAB	----	----	----	30	UNCH	2.65B .50A
3590	----	----	----	----	----	----	----	CAB	----	----	----	2	UNCH	2.75B .50A
3600	----	----	----	----	----	----	----	CAB	----	----	----	22	UNCH	2.85B .40A
3610	----	----	----	----	----	----	----	CAB	----	----	----	11	UNCH	2.95B .40A
4030	----	----	----	----	----	0.05N	----	CAB	----	----	----	23	UNCH	21.50B .25A
4060	----	----	----	----	----	0.10N	----	CAB	----	----	----	23	UNCH	25.0

PRELIMINARY															
PG40 BULLETIN #148@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS										wed, Aug 03, 2016		PG40	
4470	0.50		.50	*.40A	0.45A	.30-	25	.001	----	1	151	UNCH	212.25B	.40A	
4480	----		----	*.40A	0.45A	.35-	25	.002	----	----	49	UNCH	220.00B	.40A	
4490	----		----	*.45A	0.50A	.35-	30	.002	----	----	67	UNCH	227.75B	.45A	
4500	----		----	*.45A	0.50A	.35-	35	.002	----	1	107	UNCH	235.75B	.45A	
4510	----		----	*.50A	0.55A	.35-	40	.002	----	----	146	UNCH	243.75B	.50A	
4520	----		----	*.50A	0.60A	.40-	40	.002	----	----	99	UNCH	252.25B	.50A	
4530	----		----	*.55A	0.60A	.40-	50	.003	----	----	63	UNCH	260.75B	.55A	
4540	----		----	*.60A	0.65A	.45-	55	.003	----	----	35	UNCH	269.00B	.60A	
4550	----		----	*.65A	0.75A	.45-	65	.003	----	25	34 -	10	216.50B	.65A	
4560	----		----	*.70A	0.80A	.50-	75	.004	----	----	23	UNCH	287.00B	.70A	
4570	----		----	*.80A	0.90A	.55-	90	.005	----	50	205 -	25	296.00B	.80A	
4580	----		----	*.85A	1.00A	.60-	110	.006	----	----	191	UNCH	242.00B	.85A	
4590	1.00		1.00	*.95A	1.00	.70-	130	.008	----	4	93	UNCH	314.25B	.95A	
4600	1.15		1.15	*1.05A	1.15	.80-	155	.010	----	241	183 -	10	323.75B	1.05A	
4610	2.40		2.40	*1.20A	1.40A	.95-	190	.013	----	5	149 -	5	268.25B	1.20A	
4620	2.50		3.50B	*1.35A	1.50	1.15-	230	.018	----	16	41	UNCH	277.25B	1.35A	
4630	2.80		4.40B	*1.60A	1.95A	1.40-	285	.024	----	45	134 -	26	286.50B	1.60A	
4640	4.30		5.50B	*1.95A	2.45A	1.75-	350	.033	----	55	168 -	25	295.75B	1.95A	
4650	5.00		7.00B	*2.45A	3.05A	2.25-	400	.046	----	71	255 -	60	305.00B	2.45A	
4660	6.50		8.75B	*3.10A	3.85A	2.90-	485	.064	----	44	109 +	14	381.00B	3.10A	
4670	10.50		10.75B	*4.05A	5.00A	3.85-	590	.092	----	22	93 +	12	390.75B	4.05A	
4680	13.25		13.25	*5.25A	6.50A	5.00-	700	.127	----	215	298 +	139	400.50B	5.25A	
4690	12.50		16.25B	7.00A	8.50A	6.75-	800	.178	----	74	25 -	41	343.25B	7.00A	
4700	16.00		19.75B	9.00A	11.00A	8.75-	925	.240	----	12	243 -	1	420.25B	8.25A	
4710	16.00		24.00B	11.50A	14.00A	11.50-	1025	.320	----	10	133 +	5	430.00B	9.75A	
4720	19.00		24.75B	15.00A	17.75A	14.75-	1175	.412	----	70	266 +	60	440.00B	12.00	
4730	----		----	19.25A	25.50A	19.00-	1275	.517	----	----	62	UNCH	382.50B	14.50A	
4740	----		----	30.75A	35.75A	24.00-	1375	.627	----	----	72	UNCH	459.75B	17.50A	
4750	----		----	38.25A	43.00A	30.25-	1425	.730	----	----	66	UNCH	469.75B	21.00A	
4810	----		----	93.25A	96.75N	82.50-	1425	.982	----	----	2	UNCH	529.50B	62.75A	
TOTAL										1001	5483 +	27			
E-MINI NASDAQ 100 WEEKLY-2 PUTS															
STRIKE		OPEN	RANGE	HIGH	LOW	CLOSING RANGE		SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST		--CONTRACT-- HIGH LOW	
ON2 PUT AUG16															
QN2 PUT				(FUTURES	SETT.	.00)									
4050	----			-----	-----	0.50N		.35-	15	.002	----	3	UNCH	22.50B	.65A
4070	----			-----	-----	0.50N		.40-	10	.003	----	50	UNCH	24.75B	.70A
4080	----			-----	-----	0.50N		.40-	10	.003	----	87	UNCH	26.00B	.70A
4090	----			-----	-----	0.55N		.40-	15	.003	----	21	UNCH	27.25B	.70A
4100	----			-----	-----	0.55N		.45-	10	.003	----	78	UNCH	28.50B	.75A
4110	----			-----	-----	0.55N		.45-	10	.003	----	30	UNCH	29.75B	.75A
4120	----			-----	*.55A	0.60N		.45-	15	.003	----	21	UNCH	31.25B	.55A
4130	----			-----	-----	0.60N		.50-	10	.004	----	21	UNCH	32.75B	.60A
4140	----			-----	-----	0.60N		.50-	10	.004	----	21	UNCH	34.25B	.60A
4150	----			-----	.60A	0.65N		.50-	15	.004	----	21	UNCH	35.75B	.60A
4160	----			-----	-----	0.65N		.55-	10	.004	----	50	UNCH	37.50B	.65A
4170	----			-----	.65A	0.70N		.55-	15	.004	----	111	UNCH	39.25B	.65A
4180	----			-----	.65A	0.70N		.60-	10	.005	----	30	UNCH	41.00B	.65A
4190	----			-----	.70A	0.75N		.60-	15	.005	----	51	UNCH	42.75B	.65A
4200	0.85		.85	.70A	0.75A	.65+	NEW	.005	----	30	30 +	30	44.75B	.70A	
4210	0.85		.85	.75A	0.80	.65-	NEW	.005	----	120	170 +	120	46.75B	.70A	
4220	0.95		.95	.75A	0.80A	.70-	NEW	.006	----	180	186 +	180	49.00B	.70A	
4230	0.95		.95	.80A	0.85A	.70+	NEW	.006	----	120	120 +	120	51.50B	.75A	
4240	0.95		.95	.80	0.85	.75+	NEW	.006	----	180	180 +	180	53.50B	.75A	
4250	0.85		.85	.85	0.90N	.80-	NEW	.007	----	30	33 +	28	56.25B	.80A	
4260	0.90		.90	.90	0.95N	.80+	NEW	.007	----	60	60 +	60	58.75B	.80A	
4270	0.95		.95	.90	0.95A	.85+	NEW	.008	----	90	90 +	90	61.25B	.85A	
4280	1.00		1.00	.95	1.00	.90+	NEW	.008	----	90	90 +	90	64.00B	.85A	
4290	----		----	1.00A	1.05N	.90-	NEW	.009	----	-----	1	UNCH	67.00B	.90A	
4300	----		----	1.00A	1.10N	.95-	NEW	.009	----	-----	33	UNCH	70.00B	.90A	
4320	----		----	1.10A	1.20A	1.05-	NEW	.010	----	-----	29	UNCH	76.25B	1.00A	
4360	----		----	1.30A	1.45A	1.25-	NEW	.013	----	-----	13	UNCH	90.75B	1.15A	
4370	----		----	1.35A	1.50A	1.30-	NEW	.014	----	-----	25	UNCH	94.75B	1.25A	
4380	----		----	1.45A	1.60A	1.35-	NEW	.015	----	-----	189	UNCH	98.75B	1.30A	
4390	----		----	1.50A	1.65A	1.45-	NEW	.016	----	-----	178	UNCH	103.25B	1.35A	
4400	----		----	1.60A	1.75A	1.50-	NEW	.017	----	-----	89	UNCH	107.25B	1.45A	
4410	----		----	1.65A	1.85A	1.60-	NEW	.019	----	-----	24	UNCH	112.00B	1.55A	
4420	----		----	1.75A	1.95A	1.65-	NEW	.020	----	-----	12	UNCH	116.75B	1.65A	
4430	----		2.45B	1.85A	2.05A	1.75-	NEW	.021	----	-----	47	UNCH	121.75B	1.75A	
4440	----		2.60B	1.95A	2.15A	1.85-	NEW	.023	----	-----	115	UNCH	127.00B	1.85A	
4450	----		2.85B	2.10A	2.30A	2.00-	NEW	.025	----	-----	46	UNCH	132.50B	2.00A	
4460	----		3.05B	2.20A	2.45A	2.10-	NEW	.027	----	-----	61	UNCH	138.00B	2.15A	
4470	----		3.30B	2.35A	2.60A	2.25-	NEW	.030	----	-----	139	UNCH	143.75B	2.30A	
4480	----		3.60B	2.55A	2.80A	2.40-	NEW	.032	----	-----	33	UNCH	149.75B	2.45A	
4490	----		3.95B	2.70A	3.00A	2.60-	NEW	.035	----	-----	54	UNCH	156.00B	2.65A	
4500	----		4.30B	2.95A	3.20A	2.80-	NEW	.039	----	-----	214	UNCH	162.50B	2.85A	
4510	----		4.70B	3.15A	3.50A	3.00-	NEW	.042	----	-----	25	UNCH	169.25B	3.10A	
4520	4.50		4.55B	3.45A	3.75A	3.25-	NEW	.047	----	8	75 +	8	176.00B	3.30A	
4530	----		----	3.70A	4.10A	3.55-	NEW	.052	----	-----	63	UNCH	183.00B	3.55A	
4540	4.85		6.25B	4.05A	4.50A	3.90-	NEW	.057	----	104	79 +	19	190.25B	3.85A	
4550	----		----	4.45A	4.95A	4.30-	NEW	.064	----	-----	150	UNCH	197.75B	4.25A	
4560	----		----	4.90A	5.50A	4.75									

PRELIMINARY													
PG40 BULLETIN #148@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS								wed, Aug 03, 2016		PG40	
4730 TOTAL	61.25	72.50B	59.75A	62.75A	59.50+	NEW	.498	----	5 970	5 + 995 +	5 371	187.25B	47.25A
SEP16	----	----	----	0.15N	.10-	5	.000	----	----	1	UNCH	34.00B	.35A
2590	----	----	----	0.20N	.15-	5	.000	----	----	1	UNCH	44.50B	.40A
2710	----	----	----	0.25N	.20-	5	.000	----	----	40	UNCH	51.25B	.45A
2760	----	----	----	0.25N	.20-	5	.000	----	----	36	UNCH	54.25B	.45A
2790	----	----	----	0.25N	.20-	5	.000	----	----	40	UNCH	55.25B	.45A
2800	----	----	----	0.30N	.20-	10	.000	----	----	60	UNCH	56.25B	.45A
2810	----	----	----	0.30N	.25-	5	.000	----	----	30	UNCH	57.25B	.45A
2820	----	----	----	0.30N	.25-	5	.000	----	----	1	UNCH	60.50B	.50A
2850	----	----	----	0.35N	.30-	5	.001	----	----	120	UNCH	66.25B	.55A
2900	----	----	----	0.35N	.30-	5	.001	----	----	80	UNCH	68.50B	.60A
2920	----	----	----	0.40N	.30-	10	.001	----	----	36	UNCH	70.00B	.60A
2930	----	----	----	0.40N	.35-	5	.001	----	----	108	UNCH	71.00B	.60A
2940	----	----	----	0.40N	.35-	5	.001	----	----	60	UNCH	72.50B	.65A
2950	----	----	----	0.40N	.35-	5	.001	----	----	234	UNCH	73.75B	.65A
2960	----	----	----	0.40N	.35-	5	.001	----	----	120	UNCH	75.25B	.65A
2970	----	----	----	0.45N	.35-	10	.001	----	----	139	UNCH	76.75B	.65A
2980	----	----	----	0.45N	.40-	5	.001	----	----	30	UNCH	78.25B	.70A
2990	----	----	----	0.45N	.40-	5	.001	----	----	122	UNCH	79.75B	.70A
3000	----	----	----	0.45N	.40-	5	.001	----	----	15	UNCH	81.25B	.75A
3010	----	----	----	0.45N	.40-	5	.001	----	----	15	UNCH	82.75B	.75A
3020	----	----	----	0.50N	.40-	10	.001	----	----	15	UNCH	84.25B	.75A
3030	----	----	----	0.50N	.45-	5	.001	----	----	25	UNCH	86.00B	.80A
3040	----	----	----	0.50N	.45-	5	.001	----	----	95	UNCH	87.50B	.80A
3050	----	----	----	0.50N	.45-	5	.001	----	----	8	UNCH	89.25B	.85A
3060	----	----	----	0.55N	.45-	10	.001	----	----	86	UNCH	90.75B	.85A
3070	----	----	----	0.55N	.50-	5	.002	----	----	30	UNCH	92.50B	.85A
3080	----	----	----	0.55N	.50-	5	.002	----	----	30	UNCH	94.25B	.90A
3090	----	----	----	0.60N	.50-	10	.002	----	----	7	UNCH	96.00B	.90A
3100	----	----	----	0.60N	.55-	5	.002	----	----	95	UNCH	101.25B	1.00A
3130	----	----	----	0.65N	.55-	10	.002	----	----	30	UNCH	103.00B	1.05A
3140	----	----	----	0.65N	.55-	10	.002	----	----	120	UNCH	105.00B	1.05A
3150	----	----	----	0.65N	.60-	5	.002	----	----	60	UNCH	106.75B	1.10A
3160	----	----	----	0.70N	.60-	10	.002	----	----	99	UNCH	108.75B	1.10A
3170	----	----	----	0.70N	.60-	10	.002	----	----	125	UNCH	110.50B	1.15A
3180	----	----	----	0.70N	.60-	10	.002	----	----	121	UNCH	112.50B	1.20A
3190	----	----	----	0.75N	.65-	10	.002	----	----	186	UNCH	114.50B	1.25A
3200	----	----	----	0.75N	.65-	10	.002	----	----	121	UNCH	116.50B	1.25A
3210	----	----	----	0.75N	.65-	10	.002	----	----	60	UNCH	118.50B	1.30A
3220	----	----	----	0.80N	.70-	10	.002	----	----	60	UNCH	120.50B	1.20A
3230	----	----	----	0.80N	.70-	10	.003	----	----	63	UNCH	124.75B	1.25A
3250	----	----	----	0.85N	.75-	10	.003	----	10	10	UNCH	126.75B	1.00A
3260	----	----	----	0.85N	.75-	10	.003	----	----	10	UNCH	129.00B	1.00A
3270	----	----	----	0.90N	.75-	15	.003	----	----	35	UNCH	131.00B	1.05A
3280	----	----	----	0.90N	.80-	10	.003	----	----	32	UNCH	135.50B	1.05A
3300	----	----	----	0.95N	.80-	15	.003	----	----	13	UNCH	137.75B	1.10A
3310	----	----	----	0.95N	.85-	10	.003	----	----	30	UNCH	142.25B	1.15A
3330	----	----	----	1.00N	.85-	15	.003	----	----	30	UNCH	144.50B	1.15A
3340	----	----	----	1.00N	.90-	10	.004	----	----	34	UNCH	147.00B	1.15A
3350	----	----	----	1.00N	.90-	10	.004	----	----	44	UNCH	149.50B	1.20A
3360	----	----	----	1.05N	.90-	15	.004	----	----	30	UNCH	151.75B	1.20A
3370	----	----	----	1.05N	.95-	10	.004	----	----	38	UNCH	154.25B	1.25A
3380	----	----	----	1.10N	.95-	15	.004	----	----	26	UNCH	156.75B	1.25A
3390	----	----	----	1.10N	.95-	15	.004	----	----	49	UNCH	159.25B	1.30A
3400	----	----	----	1.15N	1.00-	15	.004	----	----	30	UNCH	161.75B	1.30A
3410	----	----	----	1.15N	1.00-	15	.004	----	----	1	UNCH	164.25B	1.30A
3420	----	----	----	1.20N	1.05-	15	.004	----	----	52	UNCH	169.75B	1.35A
3440	----	----	----	1.20N	1.10-	10	.005	----	----	157	UNCH	172.25B	1.15A
3450	----	----	----	1.25N	1.15-	10	.005	----	----	22	UNCH	177.75B	1.20A
3470	----	----	----	1.30N	1.15-	15	.005	----	----	33	UNCH	180.75B	1.25A
3480	----	----	----	1.35N	1.20-	15	.005	----	----	13	UNCH	183.25B	1.25A
3490	----	----	----	1.35N	1.25-	10	.005	----	70	104 +	45	186.25B	1.30A
3500	1.50	1.50	1.35A	1.35A	1.25-	10	.005	----	60	83 +	60	189.25B	1.30A
3510	1.40	1.40	1.40	1.40	1.30-	15	.006	----	----	25	UNCH	192.00B	1.35A
3520	----	----	1.40A	1.40A	1.35-	10	.006	----	90	167 +	90	195.00B	1.35A
3530	1.60	1.60	1.45A	1.45A	1.35-	15	.006	----	120	182 +	120	198.00B	1.40A
3540	1.65	1.65	1.50	1.50	1.40-	15	.006	----	175	303 +	170	201.00B	1.40A
3550	----	----	1.50A	1.50A	1.45-	10	.006	----	60	121 +	60	204.00B	1.45A
3560	1.70	1.75	1.55A	1.55A	1.45-	15	.007	----	30	142 +	30	207.25B	1.45A
3570	1.75	1.75	1.60A	1.60A	1.50-	15	.007	----	----	34	UNCH	210.25B	1.50A
3580	----	----	1.65N	1.65N	1.55-	15	.007	----	30	146 +	30	213.50B	1.55A
3590	1.65	1.65	1.65	1.65	1.60-	15	.007	----	30	278 +	30	216.50B	1.55A
3600	1.70	1.70	1.70	1.70	1.75-	15	.008	----	----	70	UNCH	219.75B	1.60A
3610	----	----	1.75A	1.75A	1.70-	15	.008	----	30	106 +	30	223.25B	1.65A
3620	1.80	1.80	1.80	1.80	1.75-	15	.008	----	----	15	UNCH	226.50B	1.65A
3630	----	----	1.85A	1.85A	1.75-	20	.008	----	9	110 -	9	229.75B	1.70A
3640	----	----	1.90A	1.90A	1.80-	20	.008	----	----	9	UNCH	233.25B	1.75A
3650	----	----	1.95A	1.95A	1.85-	20	.009	----	----	37	UNCH	236.75B	1.80A
3660	----	----	2.00A	2.00A	1.90-	20	.009	----	----	161	UNCH	240.00B	1.80A
3670	----	----	2.05A	2.05A	1.95-	20	.009	----	----	142	UNCH	243.75B	1.85A
3680	----	----	2.15A	2.15A	2.00-	20	.010	----	----	35	UNCH	247.00B	1.90A
3690	----	----	2.20A	2.20A	2.05-	20	.010	----	----	223	UNCH	250.75B	1.95A
3700	----	----	2.25A	2.25A	2.10-	25	.010	----	----	81	UNCH	254.50B	2.00A
3710	----	----	2.30A	2.30A	2.15-	25	.011	----	----	131	UNCH	258.00B	2.05A
3720	2.60	2.60	2.35A	2.35A									



PRELIMINARY

PG40 BULLETIN #148@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS										wed, Aug 03, 2016		PG40
4300	16.75	16.75	14.00A	14.50A	13.75-	200	.083	----	5	657	UNCH	554.00B	12.00	
4310	15.75	17.00B	14.50A	15.00A	14.25-	200	.087	----	27	36 +	14	560.75B	12.25A	
4320	----	17.75B	15.00A	15.75A	15.00-	200	.091	----	----	74	UNCH	567.50B	12.75A	
4330	15.50	18.50B	15.50	16.25A	15.50-	225	.094	----	3	34 +	3	574.25B	13.25A	
4340	----	19.25B	16.25A	17.00A	16.00-	250	.098	----	----	74	UNCH	581.00B	13.75A	
4350	----	20.00B	17.00A	17.75A	16.75-	250	.102	----	----	402	UNCH	588.00B	14.50A	
4360	----	20.75B	17.75A	18.25A	17.50-	250	.107	----	----	80	UNCH	594.75B	15.00A	
4370	20.50	21.50B	18.25A	19.00A	18.00-	275	.111	----	1	70	UNCH	601.75B	15.50A	
4380	20.50	22.50B	19.00A	20.00A	18.75-	275	.115	----	3	49 +	3	608.75B	16.00A	
4390	----	23.50B	20.00A	20.75A	19.50-	300	.120	----	----	68	UNCH	616.00B	16.75A	
4400	24.25	24.50B	20.75	21.50A	20.50-	300	.126	----	5	232 +	5	623.25B	17.50A	
4410	----	25.50B	21.50A	22.50A	21.25-	325	.131	----	----	140	UNCH	630.25B	18.25A	
4420	25.00	26.75B	22.50A	23.50A	22.00-	350	.136	----	21	102 +	5	637.75B	18.75A	
4430	25.50	28.00B	23.50A	24.25A	23.00-	350	.142	----	3	37	UNCH	645.00B	19.50	
4440	----	29.25B	24.50A	25.50A	24.00-	350	.148	----	----	66	UNCH	652.25B	20.50A	
4450	----	30.50B	25.50A	26.50A	25.00-	375	.154	----	----	257	UNCH	659.50B	21.00	
4460	----	31.75B	26.50A	27.50A	26.00-	400	.161	----	----	238	UNCH	667.25B	22.25A	
4470	----	33.25B	27.75A	28.75A	27.25-	400	.168	----	----	98	UNCH	674.75B	23.00A	
4480	----	34.50B	29.00A	30.00A	28.50-	400	.176	----	----	200	UNCH	682.50B	24.00A	
4490	32.50	36.25B	30.00	31.25A	29.75-	425	.183	----	11	43 +	1	690.00B	25.00	
4500	34.50	37.75B	31.50A	32.75A	31.00-	450	.191	----	67	383 -	4	697.75B	26.00	
4510	34.25	39.50B	33.00A	34.25A	32.50-	450	.200	----	1	43 +	1	705.75B	27.25A	
4520	37.25	41.25B	34.50A	35.75A	34.00-	450	.208	----	3	32	UNCH	713.25B	28.50A	
4530	----	42.25B	35.75A	37.25A	35.50-	475	.217	----	----	29	UNCH	721.25B	29.75A	
4540	37.50	44.00B	37.50	39.00A	37.00-	500	.227	----	5	52	UNCH	729.00B	31.00A	
4550	----	46.00B	39.25A	40.75A	38.75-	500	.237	----	----	167	UNCH	737.00B	32.25A	
4560	40.75	48.00B	40.75	42.50A	40.50-	525	.247	----	2	9 +	2	745.00B	33.75A	
4570	----	50.00B	42.75A	44.25A	42.25-	550	.257	----	----	235	UNCH	752.75B	35.25	
4580	49.75	52.25B	44.75A	46.50A	44.25-	575	.269	----	1	22	UNCH	761.00B	37.00A	
4590	51.50	54.50B	46.75A	48.50A	46.25-	600	.280	----	1	3 +	1	769.25B	38.75A	
4600	53.00	57.00B	48.50	50.75A	48.50-	600	.292	----	116	260 +	25	777.50B	40.25	
4610	----	59.75B	51.00A	53.00A	50.75-	625	.305	----	----	5	UNCH	785.75B	42.50	
4620	57.25	62.50B	53.50A	55.25A	53.00-	650	.318	----	5	16 -	1	793.75B	44.50A	
4630	----	65.00B	56.00A	58.00A	55.50-	675	.331	----	----	36	UNCH	802.25B	46.50A	
4640	68.00	68.00	58.50A	60.50A	58.00-	725	.345	----	3	14	UNCH	810.50B	48.75A	
4650	60.75	71.00B	60.75	63.25A	60.75-	750	.360	----	109	48 -	109	819.00B	51.00A	
4660	74.25	74.25	64.00A	66.25A	63.50-	775	.375	----	3	47 +	1	827.50B	53.50A	
4670	----	77.50B	67.00A	69.25A	66.50-	800	.390	----	----	12	UNCH	836.00B	56.00A	
4680	81.00	81.00	70.25A	72.50A	69.75-	825	.406	----	3	43	UNCH	844.50B	58.75A	
4690	86.25	88.50	73.50A	75.75A	73.00-	850	.423	----	971	904 +	882	853.00B	61.50A	
4700	85.25	88.50B	77.00A	79.50A	76.50-	875	.440	----	60	116 +	58	839.50B	63.00	
4710	----	92.50B	80.50A	83.00A	80.00-	900	.457	----	----	32	UNCH	848.00B	67.50A	
4720	87.25	96.50B	84.25A	87.00A	83.75-	925	.475	----	2	29	UNCH	856.50B	70.75A	
4730	93.00	101.00B	88.25A	91.00A	87.75-	950	.494	----	2	18	UNCH	865.25B	74.25A	
4740	----	105.50B	92.25A	95.25A	92.00-	975	.513	----	----	42	UNCH	873.75B	77.75A	
4750	----	110.00B	96.75A	99.75A	96.25-	1025	.532	----	108	29 -	108	882.50B	81.50A	
4760	----	114.50B	101.75A	105.00A	100.75-	1050	.551	----	----	111	UNCH	891.25B	85.50A	
4770	----	119.75B	106.50A	110.00A	105.50-	1075	.571	----	----	10	UNCH	900.25B	89.75A	
4780	----	124.75B	111.50A	115.00A	110.50-	1100	.592	----	----	10	UNCH	909.00B	94.00A	
4790	----	130.25B	116.75A	120.50A	115.50-	1150	.612	----	----	8	UNCH	918.00B	99.25A	
4800	----	136.00B	122.00A	126.00A	121.00-	1150	.633	----	----	6	UNCH	925.75B	104.00A	
4850	----	168.50B	152.75A	157.25A	151.75-	1275	.735	----	108	26 -	108	971.00B	131.50A	
4900	----	206.75B	189.50A	194.50A	188.50-	1325	.824	----	----	1	UNCH	1.016.75B	165.25A	
4910	----	215.00B	197.50A	202.50A	196.50-	1350	.840	----	----	6	UNCH	1.026.25B	172.75A	
4960	----	258.50B	240.25A	245.50A	239.50-	1375	.903	----	----	4	UNCH	1.073.00B	213.00A	
4980	----	277.00B	258.50A	263.75A	257.50-	1375	.923	----	----	4	UNCH	1.091.75B	230.50A	
5300	----	586.25B	578.00A	583.25B	571.75-	1400	.995	----	----	1	UNCH	1.403.75B	546.75A	
5310	----	596.25B	588.00A	593.25B	581.75-	1400	.995	----	----	1	UNCH	1.413.75B	556.75A	
5340	----	626.25B	617.75A	623.25B	611.75-	1400	.995	----	----	1	UNCH	1.443.50B	586.75A	
TOTAL										2829	20635 +	1478		
DEC16	----	----	----	1.65N	1.55-	10	.003	----	----	10	UNCH	51.75B	2.75	
2570	----	----	----	1.80N	1.70-	10	.004	----	----	16	UNCH	54.75B	3.40	
2750	----	----	----	2.75N	2.55-	20	.006	----	----	30	UNCH	72.50B	12.00	
3000	----	----	----	5.00N	4.70-	30	.012	----	----	10	UNCH	111.00B	5.00	
3030	----	----	----	5.50N	5.00-	50	.013	----	----	5	UNCH	115.50B	19.25A	
3070	----	----	----	6.00N	5.50-	50	.014	----	----	3	UNCH	130.75	20.50A	
3080	----	----	----	6.00N	5.75-	25	.015	----	----	5	UNCH	125.00B	20.75A	
3150	----	----	----	7.00N	6.75-	25	.017	----	----	1	UNCH	139.25B	23.50A	
3170	----	----	----	7.25N	7.00-	25	.018	----	----	1	UNCH	143.75B	15.50	
3200	----	----	----	7.75N	7.50-	25	.019	----	----	30	UNCH	150.50B	22.00A	
3280	----	----	----	9.25N	8.75-	50	.023	----	----	10	UNCH	169.25B	18.75A	
3410	----	----	----	12.00N	11.50-	50	.031	----	----	10	UNCH	203.75B	24.00A	
3450	----	----	----	13.00N	12.50-	50	.034	----	----	10	UNCH	215.25B	22.50A	
3470	----	----	----	13.50N	13.00-	50	.035	----	----	25	UNCH	221.25B	23.50A	
3480	----	----	----	13.75N	13.25-	50	.036	----	----	5	UNCH	224.25B	24.00A	
3490	----	----	----	14.25N	13.75-	50	.037	----	----	10	UNCH	227.25B	24.50A	
3500	----	----	----	14.50N										

PRELIMINARY														
PG40 BULLETIN #148@			NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS							Wed, Aug 03, 2016			PG40	
5070	----	----	449.25A	452.75B	444.75-	1075	.717	----	----	1	UNCH	917.50B	425.25A	
5080	----	----	456.50A	459.25B	451.50-	1075	.723	----	----	1	UNCH	927.50B	431.75A	
5090	----	----	462.75A	466.25B	458.25-	1100	.730	----	----	2	UNCH	935.75B	438.25A	
5100	----	----	469.75A	473.25B	465.00-	1100	.737	----	----	2	UNCH	945.75B	445.00A	
5110	----	----	476.75A	480.00B	471.75-	1100	.744	----	----	1	UNCH	954.25B	451.75A	
5140	----	----	498.25A	501.50B	493.00-	1125	.764	----	----	1	UNCH	982.25B	472.75A	
5150	----	----	505.50A	508.50A	500.25-	1125	.770	----	----	1	UNCH	992.25B	480.25A	
5360	----	----	675.00A	677.50A	668.25-	1275	.888	----	----	13	UNCH	1.195.50F	646.75A	
5370	----	----	683.75A	687.00A	677.00-	1250	.892	----	----	11	UNCH	1.204.50F	655.25A	
TOTAL									1	94 +	1			
JUN17														
3650	----	----	----	77.25N	76.00-	125	.120	----	----	1	UNCH	193.50B	73.75A	
3750	----	----	----	89.75N	88.00-	175	.139	----	----	1	UNCH	219.75B	84.50A	
4400	----	----	216.25A	217.25A	214.25-	375	.326	----	----	1	UNCH	475.00B	203.25A	
4500	----	----	246.00A	247.00A	244.50-	400	.367	----	----	2	UNCH	530.50B	231.75A	
TOTAL									0	5				
ADDITIONAL NASDAQ PUTS														
STRIKE	OPEN	RANGE	HIGH	LOW	CLOSING	RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT-- HIGH	LOW	
ON OOF	ON OOF													
20160803	20160803													
3400	----	----	----	----	.15N		.10-	0.05	.000	----	96	UNCH	18.00B .50A	
3510	----	----	----	----	.25N		.15-	0.10	.000	----	58	UNCH	24.25B .30A	
3530	----	----	----	----	.25N		.15-	0.10	.000	----	18	UNCH	25.75B .50A	
3610	----	----	----	----	.30N		.20-	0.10	.001	----	6	UNCH	32.00B .40A	
3620	----	----	----	----	.30N		.20-	0.10	.001	----	16	UNCH	32.75B .40A	
3630	----	----	----	----	.35N		.25-	0.10	.001	----	6	UNCH	33.75B .40A	
3640	----	----	----	----	.35N		.25-	0.10	.001	----	5	UNCH	34.75B .45A	
3650	----	----	----	----	.35N		.25-	0.10	.001	----	10	UNCH	35.50B .45A	
3670	----	----	----	----	.35N		.25-	0.10	.001	----	24	UNCH	37.50B .45A	
3680	----	----	----	----	.35N		.30-	0.05	.001	----	5	UNCH	38.75B .45A	
3690	----	----	----	----	.40N		.30-	0.10	.001	----	30	UNCH	39.75B .50A	
3710	----	----	----	----	.40N		.30-	0.10	.001	----	23	UNCH	42.00B .50A	
3720	----	----	----	----	.40N		.30-	0.10	.001	----	18	UNCH	43.25B .50A	
3730	----	----	----	----	.40N		.35-	0.05	.002	----	36	UNCH	44.50B .55A	
3740	----	----	----	----	.40N		.35-	0.05	.002	----	66	UNCH	45.75B .55A	
3790	----	----	----	----	.45N		.40-	0.05	.002	----	96	UNCH	52.50B .60A	
3820	----	----	----	----	.50N		.45-	0.05	.002	----	9	UNCH	57.00B .70A	
3830	----	----	----	----	.50N		.45-	0.05	.002	----	1	UNCH	58.75B .70A	
3840	----	----	----	----	.55N		.45-	0.10	.003	----	35	UNCH	60.25B .70A	
3850	----	----	----	----	.55N		.50-	0.05	.003	----	4	UNCH	62.00B .75A	
3860	----	----	----	----	.55N		.50-	0.05	.003	----	5	UNCH	63.75B .75A	
3870	----	----	----	----	.55N		.50-	0.05	.003	----	15	UNCH	65.50B .80A	
3880	----	----	----	----	.60N		.50-	0.10	.003	----	24	UNCH	67.50B .80A	
3890	----	----	----	----	.60N		.55-	0.05	.003	----	2	UNCH	69.25B .85A	
3900	----	----	----	----	.60N		.55-	0.05	.003	----	7	UNCH	71.25B .85A	
3910	----	----	----	----	.65N		.55-	0.10	.003	----	39	UNCH	73.25B .85A	
3920	----	----	----	----	.65N		.60-	0.05	.004	----	11	UNCH	75.25B .90A	
3930	----	----	----	----	.70N		.60-	0.10	.004	----	8	UNCH	77.50B .90A	
3940	----	----	----	----	.70N		.60-	0.10	.004	----	37	UNCH	79.50B .70A	
3950	----	----	----	----	.70N		.65-	0.05	.004	----	13	UNCH	81.75B .95A	
3960	----	----	----	----	.75N		.65-	0.10	.004	----	16	UNCH	84.00B .75A	
3970	----	----	----	----	.75N		.65-	0.10	.004	----	8	UNCH	86.50B .75A	
3980	----	----	----	----	.80N		.70-	0.10	.005	----	12	UNCH	88.75B .80A	
3990	----	----	----	----	.80N		.70-	0.10	.005	----	54	UNCH	91.25B .80A	
4000	----	----	----	----	.85N		.75-	0.10	.005	----	25	UNCH	93.75B .80A	
4010	----	----	----	----	.85N		.75-	0.10	.005	----	43	UNCH	96.25B .85A	
4020	----	----	----	----	.90N		.75-	0.15	.005	----	39	UNCH	99.00B .85A	
4030	----	----	----	----	.90N		.80-	0.10	.006	----	39	UNCH	101.75B .85A	
4040	----	----	----	----	.95N		.80-	0.15	.006	----	26	UNCH	104.50B .90A	
4050	----	----	----	.95A	1.00N		.85-	0.15	.006	----	41	UNCH	107.50B .90A	
4060	----	----	----	----	1.00N		.85-	0.15	.006	----	53	UNCH	110.50B .95A	
4070	----	----	----	1.00A	1.05N		.90-	0.15	.007	----	15	UNCH	113.50B .95A	
4080	----	----	----	1.05A	1.10N		.95-	0.15	.007	----	52	UNCH	116.50B 1.00A	
4090	----	----	----	1.10A	1.15N		.95-	0.20	.007	----	29	UNCH	119.75B 1.00A	
4100	----	----	----	1.10A	1.15N		1.00-	0.15	.008	----	62	UNCH	123.00B .85	
4110	----	----	----	----	1.15A	1.20N		1.05-	0.15	.008	----	31	UNCH	126.25B 1.00
4120	----	----	----	----	1.20A	1.25N		1.10-	0.15	.009	----	22	UNCH	129.75B 1.10A
4130	----	----	----	----	1.25A	1.30N		1.10-	0.20	.009	----	22	UNCH	133.25B 1.10A
4140	----	----	----	----	1.25A	1.35N		1.15-	0.20	.009	----	10	UNCH	137.00B 1.15A
4150	----	----	----	----	1.30A	1.40N		1.20-	0.20	.010	----	49	UNCH	140.75B 1.20A
4160	----	----	----	----	1.35A	1.45N		1.25-	0.20	.010	----	65	UNCH	144.50B 1.25A
4170	----	----	----	----	1.40A	1.50N		1.30-	0.20	.011	----	26	UNCH	148.50B 1.25A
4180	----	----	----	----	1.45A	1.55A		1.35-	0.25	.011	----	18	UNCH	152.50B 1.30A
4190	----	----	----	----	1.50A	1.60A		1.40-	0.25	.012	----	13	UNCH	156.75B 1.35A
4200	----	----	----	----	1.55A	1.70A		1.45-	0.30	.012	----	69	UNCH	161.00B 1.40A
4210	----	----	----	----	1.65A	1.75A		1.55-	0.25	.013	----	72	UNCH	165.25B 1.45A
4220	----	----	----	----	1.70A	1.80A		1.60-	0.30	.014	----	53	UNCH	169.75B 1.50A
4230	----	----	----	----	1.75A	1.90A		1.65-	0.30	.015	----	40	UNCH	174.25B 1.60A
4240	----	----	----	----	1.85A	1.95A		1.75-	0.30	.016	----	53	UNCH	176.25B 1.65A
4250	----	----	----	----	1.90A	2.05A		1.80-	0.35	.016	----	48	UNCH	181.25B 1.70A
4260	----	----	----	----	2.00A	2.15A		1.90-	0.35	.017	----	55	UNCH	186.25B 1.80A
4270	----	----	----	----	2.05A	2.25A		1.95-	0.45	.018	----	58	UNCH	191.25B 1.85A
4280	----	----	----	----	2.15A	2.35A		2.05-	0.45	.019	----	77	UNCH	196.50B 1.95A
4290	----	----	----	----	2.25A	2.45A		2.15-	0.50	.020	----	75	UNCH	201.75B 2.05A
4300	----	----	----	----	2.35A	2.55A		2.25-	0.55	.021	----	77	UNCH	207.25B 2.10A
4310	----	----	----	----	2.50A	2.65A		2.35-	0.60	.023	----	74	UNCH	212.75B 2.25A
4320	----	----	3.15B	2.60A	2.80A	2.80A								

PRELIMINARY														
PG40 BULLETIN #148@				NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS						Wed, Aug 03, 2016				PG40
ON OOF														
4400	----	----	51.75A	53.25A	50.50-	4.50	.202	----	----	2	UNCH	81.25B	45.25A	
4430	----	60.00B	56.25A	58.00A	55.25-	4.50	.220	----	----	10	UNCH	88.50B	49.25A	
4500	----	74.00B	69.00A	71.00A	68.00-	5.00	.268	----	----	1	UNCH	108.25B	60.25A	
4550	----	86.00B	79.75A	82.00A	78.75-	5.75	.308	----	----	10	UNCH	125.00B	70.00A	
4600	----	99.25B	92.25A	95.00A	91.25-	6.50	.353	----	----	2	UNCH	144.50B	81.25A	
4650	----	115.25B	107.25A	110.00A	106.00-	7.00	.404	----	----	260	UNCH	166.75B	94.50A	
4720	----	141.75B	132.25A	135.75A	131.00-	8.25	.485	----	----	5	UNCH	203.50B	117.00A	
4760	----	159.25B	150.00A	153.25A	148.00-	9.00	.536	----	----	2	UNCH	228.00B	132.50A	
TOTAL									0	294				
201608C	MINI NSDO EOM P													
3500	----	----	.40N	.35-	0.05	.001	----	----	5	UNCH	29.75B	9.00		
3690	----	----	.80N	.75-	0.05	.004	----	----	3	UNCH	48.25B	7.00A		
3740	----	----	.90N	.90	UNCH	.005	----	----	3	UNCH	54.50B	8.00A		
3750	----	----	.95N	.90-	0.05	.005	----	----	2	UNCH	55.75B	3.50		
3800	----	----	1.15N	1.10-	0.05	.006	----	----	3	UNCH	62.75B	3.50		
3850	----	----	1.35N	1.25-	0.10	.007	----	----	4	UNCH	70.75B	3.50		
3900	----	----	1.55N	1.50-	0.05	.009	----	----	2	UNCH	80.00B	2.05A		
4000	----	----	2.20N	2.00-	0.20	.013	----	----	2	UNCH	103.50B	2.65A		
4040	----	----	2.50N	2.25-	0.25	.015	----	----	2	UNCH	114.25B	2.30A		
4090	----	----	3.00N	2.65-	0.35	.018	----	----	5	UNCH	129.75B	2.65A		
4100	----	----	3.15N	2.75-	0.40	.019	----	----	3	UNCH	133.00B	2.75A		
4140	----	3.60A	3.65N	3.20-	0.45	.023	----	----	5	UNCH	147.25B	3.10A		
4200	----	4.40A	4.55A	4.00-	0.65	.030	----	----	1	UNCH	171.25B	3.85A		
4400	----	10.25A	11.00A	9.75-	1.75	.079	----	----	35	UNCH	278.50B	8.75A		
4440	----	12.50A	13.25A	11.75-	2.75	.097	----	----	1	UNCH	305.75B	10.50A		
4500	----	17.00A	18.25A	16.25-	3.50	.136	----	----	8	UNCH	350.50B	14.25A		
4510	----	18.00A	19.25A	17.25-	3.75	.144	----	----	2	UNCH	358.25B	15.00A		
4580	----	31.75B	26.75A	28.50A	26.00-	5.25	.216	----	2	UNCH	416.50B	21.75A		
4590	----	33.75B	28.50A	30.25A	27.75-	5.50	.230	----	2	UNCH	425.50B	23.00A		
4600	----	36.00B	30.25A	32.25A	29.50-	5.75	.243	----	2	UNCH	434.50B	24.50A		
4620	----	40.50B	34.00A	36.25A	33.25-	6.25	.273	----	1	UNCH	452.00B	27.50A		
4650	----	48.50B	41.00A	43.25A	40.25-	6.75	.324	----	25	25 +	24	479.75B	33.00A	
4660	----	51.50B	43.50A	46.00A	42.75-	7.00	.342	----	2	UNCH	488.50B	35.00A		
4700	----	65.25B	55.75A	58.50A	55.00-	8.00	.426	----	40	UNCH	526.50B	44.75A		
4730	----	77.75B	67.00A	70.25A	66.00-	9.25	.497	----	20	UNCH	555.75B	54.25A		
4750	----	87.50B	77.25A	81.00A	74.75-	9.75	.548	----	2	UNCH	575.00B	61.25A		
4760	----	92.50B	82.25A	86.00A	79.25-	10.25	.575	----	1	UNCH	584.75B	63.50		
4800	----	115.50B	105.00A	109.25A	101.25-	11.75	.685	----	1	UNCH	624.00B	86.25A		
TOTAL								25	184 +	24				
201609C	MINI NSDO EOM P													
3700	----	----	4.20N	4.05-	0.15	.018	----	----	1	UNCH	69.50B	3.70A		
3800	----	----	5.75N	5.25-	0.50	.023	----	----	2	UNCH	86.50B	4.80A		
3850	----	----	6.50N	6.25-	0.25	.028	----	----	2	UNCH	96.50B	5.50A		
3880	----	7.00A	7.25N	7.25N	6.75-	0.50	.031	----	14	UNCH	103.00B	6.00A		
3900	----	----	7.50N	7.50N	7.00-	0.50	.032	----	3	UNCH	107.50B	6.25A		
3930	----	8.00A	8.25N	8.25N	7.75-	0.50	.036	----	14	UNCH	114.25B	7.00A		
4180	----	16.50A	17.00A	17.00A	16.00-	1.75	.078	----	3	UNCH	195.00B	13.75		
4220	----	20.25B	18.75A	19.50A	18.25-	1.75	.090	----	2	UNCH	212.25B	16.25A		
4290	----	25.50B	23.50A	24.50A	23.00-	2.25	.114	----	1	UNCH	245.50B	20.25A		
4300	----	26.50B	24.25A	25.50B	23.75-	2.25	.118	----	6	UNCH	250.50B	20.75A		
4320	----	28.25B	26.00A	27.25B	25.25-	2.75	.126	----	1	UNCH	261.25B	22.25A		
4350	----	31.50B	28.75A	30.00A	28.25-	2.75	.140	----	1	UNCH	277.75B	24.50A		
4360	----	32.50B	29.75A	31.00A	29.25-	2.75	.145	----	3	UNCH	283.50B	25.50A		
4400	----	37.50B	34.00A	35.50A	33.25-	3.50	.166	----	88	UNCH	307.75B	29.00A		
4650	----	91.75B	83.00A	86.00A	82.50-	7.00	.390	----	1	UNCH	495.75B	71.25A		
4680	104.75	104.75	92.75A	95.75A	92.25-	7.50	.430	----	100	110 +	100	522.25B	79.75A	
TOTAL								100	252 +	100				
201610C	MINI NSDO EOM P													
3700	----	----	10.00N	9.50-	0.50	.033	----	----	5	UNCH	38.25B	8.75		
3750	----	----	11.25N	10.75-	0.50	.038	----	----	5	UNCH	43.25B	11.00		
3800	----	----	13.00N	12.25-	0.75	.044	----	----	1	UNCH	49.00B	16.25A		
3950	----	----	19.00N	18.00-	1.00	.065	----	----	6	UNCH	70.00B	17.50A		
4100	----	28.00A	28.25N	28.25N	26.50-	1.75	.097	----	23	UNCH	98.75B	24.75A		
4160	----	32.50A	33.25N	33.25N	31.00	NEW	.114	----	3	3 +	3	113.25B	28.75A	
4200	----	35.75A	36.75A	36.75A	34.25-	2.75	.127	----	2	UNCH	124.00B	31.50A		
4220	----	37.75A	38.50A	38.50A	36.25	NEW	.134	----	5	5 +	5	129.75B	33.25A	
4300	----	46.25A	47.50A	47.50A	44.75-	3.25	.165	----	5	UNCH	155.25B	40.75A		
4310	----	49.50B	47.50A	48.50A	46.00	NEW	.170	----	2	2 +	2	158.75B	41.75A	
4650	----	125.50B	118.25A	120.75A	116.50-	6.50	.409	----	22	UNCH	334.25B	104.50A		
TOTAL								10	79 +	10				
201611C	MINI NSDO EOM P													
3980	----	*34.00A	34.25N	32.50-	1.75	.097	----	----	67	UNCH	36.25B	34.00A		
4730	----	187.25B	179.00A	182.00A	177.50-	7.25	.490	----	67	UNCH	198.75B	163.50A		
TOTAL								0	134					