



2017 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

20 South Wacker Drive, Chicago, Illinois 60606-7499.

PRELIMINARY

PG39 BULLETIN #226@

EURO FX & CME\$INDEX OPTIONS

wed, Nov 22, 2017 PG39

INDIVIDUAL CONTRACT PRICE DATA FOR OPEN, HIGH, LOW, CLOSE AND SETTLEMENT REFLECT CME REGULAR TRADING HOURS SESSION ONLY. VOLUME CLEARED REFLECTS REGULAR TRADING HOURS (RTH) AND CME GLOBEX® VOLUME FOR FUTURES, AND COMBINED VOLUME FOR OPTIONS. RTH VOLUME REFLECTS PIT TRADING AND CASH-FOR-FUTURES ONLY. VOLUME OR OPEN INTEREST (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: CASH FOR FUTURES, SPREADS, PRIOR DAYS' CLEARED TRADES (OUT-TRADES), POSITION ADJUSTMENTS, OPTIONS 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 EURO FX = \$6.25 CME\$INDEX = \$5.00. PRODUCT 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.

Table with columns: EXPIRATION, EURO FX FUT, EURO FX OPT (EUR), EFX WK1 (EUR), EFX WK2 (EUR), EFX WK3 (EUR), EFX WK4 (EUR). Rows include dates from NOV17 to SEP18.

EXPIRATION: EURO FX AMERICAN & EURO & CME\$INDEX CONTRACTS LAST TRADE DATES

EURO FX AMERICAN & EURO & CME\$INDEX OPTIONS ON FUTURES

Table with columns: IT, NOV17, WEEK 1, WEEK 2, WEEK 3, WEEK 4, YR, NOV17, DEC17, JAN18, FEB18, MAR18, APR18, JUN18, SEP18. Shows eligible options series for trading on Wed, Nov 22.

Table with columns: GLOBEX OPEN, GLOBEX HIGH, GLOBEX LOW, SETT.PRICE & PT. CHGE RECIPROCAL, RTH VOLUME, GLOBEX® VOLUME, OPEN INTEREST, CONTRACT HIGH, CONTRACT LOW. Rows include dates from DEC17 to SEP19.

EURO FX (EU) FIXING PRICE: Feb18 1.1792500

ADDITIONAL EURO FX & CME\$INDEX -FUTURES-

Table with columns: GLOBEX OPEN, GLOBEX HIGH, GLOBEX LOW, SETT.PRICE & PT. CHGE RECIPROCAL, RTH VOLUME, GLOBEX® VOLUME, OPEN INTEREST, CONTRACT HIGH, CONTRACT LOW. Rows include various futures contracts like CHP FUT, CNH FUT, INR/USD FUT, MICRO INR/USD F.

EURO FX AMERICAN & EURO CALLS & PUTS **SETT. PRICE**

Table with columns: STRIKE, OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, CONTRACT HIGH, CONTRACT LOW. Rows include EURO FX C (EU) and EURO FX P (EU) for various dates.

** Option prices quoted per Daily Information Bulletin convention. For example, an Euro FX option price of 20.30 on this page is equivalent to 20.30 x 0.001 = 0.02030 when the price is quoted in full. The cash price of the option is 0.02030 x 125,000 (contract size) = \$2,537.50.**

ADDITIONAL EUROFX & CME\$INDEX CALLS & PUTS **SETT. PRICE**

Table with columns: STRIKE, OPEN RANGE, HIGH, LOW, CLOSING RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, CONTRACT HIGH, CONTRACT LOW. Rows include IEU OPT for various dates.

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PRELIMINARY

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EURO FX & CME\$INDEX OPTIONS

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1EU OPT	1EU OPT													
955	----	----	----	.22080N	.22890	+ 0.00810	1.000	----	----	2	UNCH	.23260B	.20300A	
990	----	----	----	.18580N	.19390	+ 0.00810	1.000	----	----	1	UNCH	.19760B	.16810A	
1060	----	----	----	.11590N	.12400	+ 0.00810	1.000	----	----	1	UNCH	.12770B	.09810A	
1065	----	----	----	.11090N	.11900	+ 0.00810	1.000	----	----	1	UNCH	.12270B	.09310A	
1095	----	----	----	----	----	----	----	----	----	3	UNCH	.00005	.00005	
1110	----	----	----	----	----	----	----	----	----	2	UNCH	.00010	.00010	
1115	----	----	----	----	----	----	----	----	----	30	UNCH	----	.00010A	
1115	----	----	----	.06090N	.06900	+ 0.00810	1.000	----	----	1	UNCH	.07270B	.04330A	
1120	----	----	----	----	----	----	----	----	----	153	UNCH	.00015	.00010A	
1125	----	----	----	----	----	----	----	----	----	27	UNCH	.00035B	.00015A	
1130	----	----	----	----	----	----	----	----	----	65	UNCH	.00050B	.00015A	
1135	----	----	----	----	----	----	.000	----	----	2	UNCH	.00080B	.00005	
1140	----	----	----	.00005N	----	----	.000	----	34	273 +	29	.00140B	.00015A	
1145	----	----	----	.00005N	----	----	.000	----	----	189	UNCH	.00220	.00010A	
1150	----	----	----	.00010N	----	----	.002	----	8	167	UNCH	.00350B	.00005A	
1150	----	----	----	.02600N	.03400	+ 0.00800	.997	----	----	28	UNCH	.03790B	.01170A	
1155	----	----	----	.00025N	.00005	- 0.00020	.008	----	----	830	UNCH	.00530B	.00010A	
1155	----	----	----	.02110N	.02900	+ 0.00790	.991	----	----	16	UNCH	.03300B	.00850A	
1160	----	----	----	.00050N	.00010	- 0.00040	.017	----	18	413	UNCH	.00770B	.00015A	
1160	----	----	----	.01640N	.02410	+ 0.00770	.982	----	1	186 +	1	.02820B	.00590A	
1165	----	----	----	.00110N	.00025	- 0.00085	.042	----	346	1131 +	200	.01070B	.00025	
1165	----	----	----	.01200N	.01920	+ 0.00720	.957	----	----	115	UNCH	.02350B	.00390A	
1170	----	----	----	.00220N	.00060	- 0.00160	.096	----	743	893 +	537	.01440B	.00060	
1170	----	----	----	.00810N	.01460	+ 0.00650	.903	----	9	121 -	9	.01900B	.00260A	
1175	----	----	----	.00410N	.00130	- 0.00280	.194	----	240	1537 +	120	.01840B	.00130	
1175	----	----	----	.00500N	.01030	+ 0.00530	.805	----	211	263 +	55	.01490B	.00170A	
1180	----	----	----	.00700N	.00270	- 0.00430	.349	----	85	596 +	46	.02290B	.00270A	
1180	----	----	----	.00290N	.00670	+ 0.00380	.650	----	463	319 +	160	.01130B	.00110	
1185	----	----	----	.01060N	.00500	- 0.00560	.535	----	11	153 +	11	.02730B	.00490A	
1185	----	----	----	.00150N	.00400	+ 0.00250	.464	----	1294	953 +	632	.00830B	.00070A	
1190	----	----	----	.01490N	.00820	- 0.00670	.707	----	88	UNCH	.03210B	.00810A		
1190	----	----	----	.00080N	.00220	+ 0.00140	.292	----	556	508 +	96	.00590B	.00045A	
1195	----	----	----	.01950N	.01220	- 0.00730	.829	----	----	14	UNCH	.03700B	.01130A	
1195	----	----	----	.00040N	.00120	+ 0.00080	.170	----	349	485 +	183	.00410B	.00030A	
1200	----	----	----	.00020N	.00060	- 0.00040	.090	----	102	226 +	44	.00280B	.00020A	
1205	----	----	----	.02920N	.02130	- 0.00790	.954	----	----	5	UNCH	.04680B	.01910A	
1205	----	----	----	.00010N	.00030	+ 0.00020	.045	----	1	142	UNCH	.00190B	.00015A	
1210	----	----	----	.00005N	.00015	+ 0.00010	.022	----	4	105	UNCH	.00120B	.00010	
1220	----	----	----	----	.00005	+ 0.00005	.006	----	----	316	UNCH	.00050B	.00005	
1225	----	----	----	----	----	----	.002	----	----	502	UNCH	.00035B	.00005	
1235	----	----	----	.05910N	.05100	- 0.00810	.999	----	----	1	UNCH	.00760B	.04740A	
1235	----	----	----	----	----	----	.000	----	----	14	UNCH	.00015B	.00005	
1240	----	----	----	----	----	----	.000	----	----	26	UNCH	.00010B	.00005	
1245	----	----	----	----	----	----	.000	----	----	1	UNCH	.00010B	.00005	
1250	----	----	----	----	----	----	.000	----	----	28	UNCH	----	----	
1260	----	----	----	----	----	----	.000	----	----	20	UNCH	.00005	.00005	
1265	----	----	----	.08910N	.08100	- 0.00810	1.000	----	----	1	UNCH	.10660B	.07730A	
1265	----	----	----	----	----	----	.000	----	----	31	UNCH	.00005	.00005	
1305	----	----	----	.12900N	.12100	- 0.00800	1.000	----	----	1	UNCH	.14660B	.11720A	
1310	----	----	----	.13400N	.12600	- 0.00800	1.000	----	----	1	UNCH	.15160B	.12220A	
1385	----	----	----	.20900N	.20090	- 0.00810	1.000	----	----	1	UNCH	.22650B	.19710A	
1400	----	----	----	.22400N	.21590	- 0.00810	1.000	----	----	1	UNCH	.24150B	.21210A	
1405	----	----	----	.22900N	.22090	NEW	1.000	----	----	1	+	1	.24650B	.21710A
TOTAL									4476	11002 +	2106			

3EU OPT	3EU OPT												
DEC17	----	----	----	.00005N	CAB	----	.000	----	----	14	UNCH	----	----
1115	----	----	----	.00005N	.00005	UNCH	.001	----	----	31	UNCH	----	.00005A
1120	----	----	----	.00005N	.00005	UNCH	.002	----	2	5	UNCH	----	.00010A
1130	----	----	----	.00010N	.00005	- 0.00005	.005	----	1	21 +	1	.00015B	.00010A
1135	----	----	----	.04810N	.05610	+ 0.00800	.989	----	----	8	UNCH	.05980B	.04540A
1135	----	----	----	.00020N	.00010	- 0.00010	.010	----	----	5	UNCH	.00025B	.00015A
1140	----	----	----	.00030N	.00015	- 0.00015	.015	----	2	58 +	2	.00040B	.00020A
1145	----	----	----	.00045N	.00025	- 0.00020	.024	----	85	UNCH	.00070	.00025A	
1150	----	----	----	.00070N	.00035	- 0.00035	.034	----	90	UNCH	.00130	.00035A	
1155	----	----	----	.00110N	.00050	- 0.00060	.048	----	1	141	UNCH	.00150	.00050A
1160	----	----	----	.00160N	.00080	- 0.00080	.074	----	50	522 +	13	.00220	.00080A
1165	----	----	----	.02030N	.02720	+ 0.00690	.892	----	20	UNCH	.03130B	.01480A	
1165	----	----	----	.00240N	.00120	- 0.00120	.107	----	335	UNCH	.00510	.00120A	
1170	----	----	----	.01650N	.02280	+ 0.00630	.846	----	18	UNCH	.02700B	.01170A	
1170	----	----	----	.00350N	.00180	- 0.00170	.153	----	179	242 +	86	.00700	.00180A
1175	----	----	----	.01300N	.01870	+ 0.00570	.784	----	27	UNCH	.02300B	.00960A	
1175	----	----	----	.00510N	.00270	- 0.00240	.215	----	18	126 +	8	.00940B	.00270A
1180	----	----	----	.01000N	.01500	+ 0.00500	.706	----	424	503 +	317	.01920B	.00690A
1180	----	----	----	.00710N	.00400	- 0.00310	.293	----	28	200	UNCH	.01220B	.00400A
1185	----	----	----	.00750N	.01170	+ 0.00420	.618	----	384	563 +	59	.01590B	.00510A
1185	----	----	----	.00960N	.00570	- 0.00390	.381	----	187	213 +	13	.01540	.00570
1190	----	----	----	.00550N	.00890	+ 0.00340	.522	----	149	444 +	69	.01290B	.00380
1190	----	----	----	.01260N	.00790	- 0.00470	.477	----	126	192 +	71	.01460B	.00790A
1195	----	----	----	.00400N	.00670	+ 0.00270	.427	----	62	722 -	21	.01030B	.00270
1195	----	----	----	.01600N	.01060	- 0.00540	.572	----	156	UNCH	.01830B	.01060A	
1200	----	----	----	.00290N	.00490	+ 0.00200	.339	----	265	331 -	16	.00810B	.00200
1200	----	----	----	.01990N	.01390	- 0.00600	.660	----	----	32	UNCH	.02240B	.01340A
1205	----	----	----	.00200N	.00350	+ 0.00150	.260	----	9	27 +	7	.00640B	.00190A
1210	----	----	----	.00140N	.00250	+ 0.00110	.196	----	55	170 +	32	.00490B	.00130A
1215	----	----	----	.00100N	.00180	+ 0.00080	.147	----	24	112 +	24	.00380B	.00100A
1220	----	----	----	.00070N	.00130	+ 0.00060	.109	----	243	369 +	239	.00290B	.00070A
1225	----	----	----	.00050N	.00090	+ 0.00040	.078	----	29	218 +	29	.00220B	.00050
1230	----	----	----	.00035N	.00060	+ 0.00025	.054	----	----	114	UNCH	.00170B	.00035A
1235	----	----	----	.00025N	.00045	+ 0.00020	.040	----	1	129	UNCH	.00130	.00025A
1240	----	----	----	.00020N	.00030	+ 0.00010	.027	----	----	100	UNCH	.00090B	.00020A
1245	----	----	----	.00015N	.00020	+ 0.00005	.018	----	1	5 +	1	.00070B	.00015A
1250	----	----	----	.06710N	.05910	- 0.00800	.985	----	----	1	UNCH	.06980B	.05590A
1250	----	----	----	.00010N	.00015	+ 0.00005	.014	----	----	10	UNCH	.00050B	.00010A
1265	----	----	----	.00005N	.00005	UNCH	.002	----	----	21	UNCH	.00025B	----
1275	----	----	----	.00005N	----	----	.000	----	----	25	UNCH	.00015B	.00010
1285	----	----	----	----	CAB	----	.000	----	----	25	UNCH	.00015	.00015
TOTAL									2240	6430 +	934		

4EU OPT	4EU OPT												
NOV17	----	----	----	.33090N	.33900	+ 0.00810	1.000	----	----	3	UNCH	.34260B	.31300A
845	----	----	----	.32590N	.33400	+ 0.00810	1.000	----	----	3	UNCH	.33760B	.30800A
850	----	----	----	.32090N	.32900	+ 0.00810	1.000	----	----	4	UNCH	.33260B	.30300A
855	----	----	----	.31590N	.32400	+ 0.00810	1.000	----	----	1	UNCH	.32760B	.29800A
860	----	----	----	.31090N	.31900	+ 0.00810	1.000	----	----	2	UNCH	.32260B	.29300A



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EUU OPT	EUU OPT															
985				.19080N		.19890	+ 0.00810	1.000					3	UNCH	.20250B	.17300A
985						CAB							104	UNCH	.01910B	.00015A
990				.18580N		.19390	+ 0.00810	1.000					5	UNCH	.19760B	.16800A
990						CAB							100	UNCH	.02020B	.00020A
995				.18080N		.18890	+ 0.00810	1.000					6	UNCH	.19260B	.16300A
995						CAB							66	UNCH	.02410	.00010
1000				.17580N		.18390	+ 0.00810	1.000					14	UNCH	.18760B	.15800A
1000						CAB							251	UNCH	.02600	.00010
1005				.17080N		.17890	+ 0.00810	1.000					4	UNCH	.18260B	.15300A
1005						CAB							143	UNCH	.02660	.00010
1010						CAB							338	UNCH	.02840B	.00010
1010				.16580N		.17390	+ 0.00810	1.000					6	UNCH	.17760B	.14800A
1015				.16080N		.16890	+ 0.00810	1.000					8	UNCH	.17260B	.14300A
1015						CAB							127	UNCH	.02990B	.00010A
1020				.15580N		.16390	+ 0.00810	1.000					2	UNCH	.16760B	.13800A
1020						CAB							151	UNCH	.03150B	.00010
1025				.15080N		.15890	+ 0.00810	1.000					3	UNCH	.16260B	.13300A
1025						CAB							392	UNCH	.03310B	.00010
1030				.14580N		.15390	+ 0.00810	1.000					3	UNCH	.15760B	.12810A
1030						CAB							244	UNCH	.03490B	.00010A
1035				.14080N		.14890	+ 0.00810	1.000					4	UNCH	.15260B	.05440A
1035						CAB							247	UNCH	.03670B	.00010A
1040				.13580N		.14390	+ 0.00810	1.000					3	UNCH	.14760B	.05140A
1040						CAB							1234	UNCH	.03870B	.00005
1045				.13080N		.13890	+ 0.00810	1.000					1	UNCH	.14260B	.04850A
1045						CAB							502	UNCH	.04070B	.00010
1050				.12580N		.13390	+ 0.00810	1.000					31	UNCH	.14090B	.04540A
1050						CAB							530	UNCH	.04280B	.00005
1055				.12080N		.12890	+ 0.00810	1.000					17	UNCH	.13590B	.04230A
1055						CAB							415	UNCH	.04500B	.00005
1060						CAB							1017	UNCH	.04730B	.00005
1060				.11580N		.12390	+ 0.00810	1.000					33	UNCH	.13090B	.03810A
1065				.11080N		.11890	+ 0.00810	1.000					307	UNCH	.12590B	.03520A
1065						CAB							352	UNCH	.04970B	.00010A
1070				.10580N		.11390	+ 0.00810	1.000					155	UNCH	.12100B	.03240A
1070						CAB							921	UNCH	.05030B	.00010
1075				.10080N		.10890	+ 0.00810	1.000					125	UNCH	.11600B	.02940A
1075						CAB							1071	UNCH	.05280B	.00005
1080				.09580N		.10390	+ 0.00810	1.000					237	UNCH	.11100B	.02690A
1080						CAB							486	UNCH	.05540B	.00005
1085				.09080N		.09890	+ 0.00810	1.000					199	UNCH	.11270	.02460A
1085						CAB							861	UNCH	.05660B	.00005
1090				.08580N		.09390	+ 0.00810	1.000					572	UNCH	.12260B	.02240A
1090						CAB							1149	UNCH	.05930B	.00005
1095				.08080N		.08890	+ 0.00810	1.000					292	UNCH	.11770B	.02040A
1095						CAB							862	UNCH	.05740B	.00005
1100				.07590N		.08390	+ 0.00800	1.000					345	UNCH	.11280B	.01850A
1100						CAB							1443	UNCH	.06020B	.00005
1105				.07090N		.07900	+ 0.00810	1.000					287	UNCH	.10790B	.01680A
1105						CAB							595	UNCH	.05710B	.00005
1110				.06590N		.07400	+ 0.00810	.999					231	UNCH	.10310B	.01530A
1110						CAB							1376	UNCH	.05680B	.00005
1115				.06090N		.06900	+ 0.00810	.999					82	UNCH	.09820B	.01380A
1115						CAB							913	UNCH	.05850B	.00005
1120				.05590N		.06400	+ 0.00810	.999					681	UNCH	.09340B	.01250
1120						CAB							3185	UNCH	.05450B	.00005
1125				.05090N		.05900	+ 0.00810	.999					137	UNCH	.08860B	.01130A
1125						CAB							59	UNCH	.05610B	.00005A
1130				.04590N		.05400	+ 0.00810	.998					477	UNCH	.08390B	.01020A
1130				.00005N		.00005		.001					91	827 +	.05990B	.00005
1135				.04090N		.04900	+ 0.00810	.997					297	UNCH	.07980	.00920A
1135				.00005N		.00005		.002					276	6153 +	.03270B	.00005
1140				.03600N		.04400	+ 0.00800	.993					870	UNCH	.07450B	.00830
1140				.00010N		.00005	- 0.00005	.006					14	5850 -	.03430B	.00010
1145				.03110N		.03910	+ 0.00800	.987					755	UNCH	.07000B	.00770A
1145				.00020N		.00010	- 0.00010	.012					51	2328 -	.03600B	.00010
1150				.02630N		.03410	+ 0.00780	.980					845	UNCH	.06600	.00690A
1150				.00040N		.00015	- 0.00025	.019					561	8157 -	.03920B	.00020
1155				.02160N		.02930	+ 0.00770	.961					996	262	.06110B	.00600
1155	.00035	#.00035	*.00035	.00035		.00030	+ 0.00040	.038					354	6825 -	.04040B	.00030
1160				.01720N		.02450	+ 0.00730	.937					163	1327 -	.05670B	.00540A
1160				.00130N		.00050	- 0.00080	.062					309	8258 +	.04390B	.00050
1165				.01310N		.01190	+ 0.00680	.892					4	3828 -	.05250B	.00470
1165				.00220N		.00090	- 0.00130	.107					809	6630 +	.04760B	.00080
1170				.00950N		.01550	+ 0.00600	.828					36	5262 -	.04970B	.00330
1170				.00360N		.00150	- 0.00210	.171					348	5896 -	.05170B	.00150
1175				.00660N		.01160	+ 0.00500	.731					375	3081 +	.04570B	.00230
1175				.00570N		.00260	- 0.00310	.268					729	3514 +	.05590B	.00250
1180				.00430N		.00820	+ 0.00390	.610					771	5755 +	.04180B	.00150
1180				.00840N		.00420	- 0.00420	.389					180	2241 -	.06020B	.00410
1185				.00270N		.00560	+ 0.00290	.475					1179	4238 +	.03800B	.00110
1185				.01180N		.00660	- 0.00520	.524					55	1622 -	.06470B	.00650A
1190				.00170N		.00360	+ 0.00190	.346					406	5047 +	.03450B	.00070
1190				.01580N		.00960	- 0.00620	.653					15	1483 +	.05310B	.00930
1195				.00100N		.00230	+ 0.00130	.239					209	4054 +	.03110B	.00050
1195				.02010N		.01330	- 0.00680	.760					670	UNCH	.05730B	.01150A
1200				.00060N		.00140	+ 0.00080	.157					467	5596 +	.02870	.00035
1200				.02470N		.01740	- 0.00730	.842					1	591 +	.06170B	.01330A
1205				.00040N		.00090	+ 0.00050	.103					109	1841 -	.02550B	.00020
1205				.02950N		.02190	- 0.00760	.896					419	UNCH	.06610B	.01540A
1210				.00025N		.00060	+ 0.00035	.069					70	2220 +	.02280B	.00015
1210				.03430N		.02650	- 0.00780	.930					210	UNCH	.07060B	.01760A
1215				.00015N		.00035	+ 0.00020	.041					10	1732 +	.02040B	.00010
1215				.03920N		.03130	- 0.00790	.958					146	UNCH	.07000B	.02010A
1220				.00010N		.00020	+ 0.00010	.024					2229	UNCH	.01810B	.00010
1220				.04420N		.03620	- 0.00800	.975					67	UNCH	.06610B	.02280A
1225				.00010N		.00015	+ 0.00005	.017					222	1595 +	.01610B	.00010
1225				.04910N		.04110	- 0.00800	.982					76	UNCH	.06680B	.02570A
1230				.00005N												



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EUU OPT	EUU OPT												
1250	----	----	----	.00020N	.00040	+ 0.00020	.031	----	32	411	+	19	.01230B .00020
1255	----	----	----	.07210N	.06420	- 0.00790	.976	----	27	27	UNCH	.09000B .04590A	
1255	----	----	----	.00015N	.00030	+ 0.00015	.023	----	7	420	UNCH	.01100B .00020	
1260	----	----	----	.07700N	.06910	- 0.00790	.983	----	24	24	UNCH	.09490B .04970A	
1260	----	----	----	.00010N	.00020	+ 0.00010	.016	----	44	1230	+	33	.00980B .00010
1265	----	----	----	.08200N	.07400	- 0.00800	.987	----	21	21	UNCH	.09990B .05370A	
1265	----	----	----	.00010N	.00015	+ 0.00005	.012	----	334	UNCH	.00880B .00010		
1270	----	----	----	.08700N	.07900	- 0.00800	.991	----	37	37	UNCH	.10510 .05780A	
1270	----	----	----	.00005N	.00010	+ 0.00005	.008	----	277	UNCH	.00780B .00010		
1275	----	----	----	.09190N	.08400	- 0.00790	.991	----	21	21	UNCH	.10990B .06200A	
1275	----	----	----	.00005N	.00010	+ 0.00005	.008	----	110	UNCH	.00700B .00010		
1280	----	----	----	.09690N	.08890	- 0.00800	.995	----	14	14	UNCH	.11480B .06620A	
1280	----	----	----	.00005N	.00005	UNCH	.004	----	437	UNCH	.00620B .00010		
1285	----	----	----	.10190N	.09390	- 0.00800	.997	----	8	8	UNCH	.11980B .07700A	
1285	----	----	----	----	.00005	+ 0.00005	.002	----	417	UNCH	.00550B .00010A		
1290	----	----	----	.10690N	.09890	- 0.00800	.998	----	18	18	UNCH	.12480B .08160A	
1290	----	----	----	----	.00005	+ 0.00005	.001	----	387	UNCH	.00490B .00010A		
1295	----	----	----	.11190N	.10390	- 0.00800	.998	----	10	24	-	5	.12980B .08670A
1295	----	----	----	----	.00005	+ 0.00005	.001	----	234	UNCH	.00430B .00010A		
1300	----	----	----	.11690N	.10880	- 0.00810	.999	----	10	19	UNCH	.13480B .09140A	
1300	----	----	----	----	CAB	----	.000	----	165	UNCH	.00380B .00005		
1305	----	----	----	.12190N	.11380	- 0.00810	.999	----	13	13	UNCH	.13970B .09610A	
1305	----	----	----	----	CAB	----	.000	----	261	UNCH	.00340B .00010		
1310	----	----	----	.12680N	.11880	- 0.00800	.999	----	20	20	UNCH	.14490 .10090A	
1310	----	----	----	----	CAB	----	.000	----	572	UNCH	.00300B .00010		
1315	----	----	----	.13180N	.12380	- 0.00800	.999	----	38	38	UNCH	.14970B .11700A	
1315	----	----	----	----	CAB	----	.000	----	67	UNCH	.00260B .00005A		
1320	----	----	----	.13680N	.12880	- 0.00800	.999	----	37	37	UNCH	.15470B .12190A	
1320	----	----	----	----	CAB	----	.000	----	156	UNCH	.00230B .00005A		
1325	----	----	----	.14180N	.13380	- 0.00800	.999	----	57	57	UNCH	.15970B .12690A	
1325	----	----	----	----	CAB	----	.000	----	161	UNCH	.00210B .00010A		
1330	----	----	----	.14680N	.13880	- 0.00800	.999	----	5	5	UNCH	.16470B .13510A	
1330	----	----	----	----	CAB	----	.000	----	61	UNCH	.00150B .00015A		
1335	----	----	----	.15180N	.14380	- 0.00800	.999	----	8	8	UNCH	.16960B .14010A	
1335	----	----	----	----	CAB	----	.000	----	205	UNCH	.00130B .00005A		
1340	----	----	----	.15680N	.14880	- 0.00800	.999	----	13	13	UNCH	.17460B .14500A	
1340	----	----	----	----	CAB	----	.000	----	26	UNCH	.00110B .00005A		
1500	----	----	----	.31650N	.30850	- 0.00800	1.000	----	178	UNCH	.33440 .30460A		
TOTAL									7236	62211	+	1883	
FEB18	EUU OPT												
845	----	----	----	.33700N	.34500	+ 0.00800	1.000	----	6	35	+	6	.34840B .31860A
850	----	----	----	.33200N	.34000	+ 0.00800	1.000	----	6	25	+	6	.34340B .31360A
855	----	----	----	.32700N	.33500	+ 0.00800	1.000	----	2	30	+	2	.33840B .30860A
860	----	----	----	.32200N	.33000	+ 0.00800	1.000	----	5	15	+	5	.33340B .30370A
865	----	----	----	.31700N	.32510	+ 0.00810	1.000	----	3	25	+	3	.32850B .29870A
870	----	----	----	.31200N	.32010	+ 0.00810	1.000	----	4	21	+	4	.32350B .29370A
875	----	----	----	.30700N	.31510	+ 0.00810	1.000	----	2	18	+	2	.31850B .28870A
880	----	----	----	.30210N	.31010	+ 0.00800	1.000	----	3	12	+	3	.31350B .28370A
885	----	----	----	.29710N	.30510	+ 0.00800	1.000	----	2	7	+	2	.30850B .27880A
890	----	----	----	.29210N	.30010	+ 0.00800	1.000	----	2	18	+	2	.30350B .27380A
895	----	----	----	.28710N	.29510	+ 0.00800	1.000	----	4	11	+	4	.29860B .26880A
970	----	----	----	.21230N	.22040	+ 0.00810	1.000	----	1	1	UNCH	.22380B .19410A	
990	----	----	----	.19240N	.20040	+ 0.00800	1.000	----	5	5	UNCH	.20390B .17420A	
995	----	----	----	.18740N	.19540	+ 0.00800	1.000	----	1	1	UNCH	.19890B .16920A	
1000	----	----	----	.18240N	.19050	+ 0.00810	1.000	----	4	4	UNCH	.19400B .16430A	
1000	----	----	----	----	CAB	----	.000	----	1	1	UNCH	.00005 .00005	
1005	----	----	----	.17740N	.18550	+ 0.00810	1.000	----	3	3	UNCH	.18900B .15930A	
1015	----	----	----	.16750N	.17550	+ 0.00800	.999	----	1	1	UNCH	.17900B .14930A	
1020	----	----	----	.16250N	.17050	+ 0.00800	.999	----	1	1	UNCH	.17400B .14430A	
1020	----	----	----	----	CAB	----	.000	----	5	5	UNCH	----	
1025	----	----	----	.15750N	.16550	+ 0.00800	.999	----	1	1	UNCH	.16910B .13940A	
1025	----	----	----	----	CAB	----	.000	----	14	14	UNCH	----	
1030	----	----	----	----	CAB	----	.000	----	168	UNCH	.00010 .00010		
1035	----	----	----	----	CAB	----	.000	----	14	UNCH	----		
1045	----	----	----	.13760N	.14560	+ 0.00800	.999	----	1	1	UNCH	.14910B .11950A	
1050	----	----	----	.13260N	.14060	+ 0.00800	.999	----	4	4	UNCH	.14420B .11450A	
1050	----	----	----	.00005N	.00005	UNCH	.000	----	20	UNCH	.00010B .----		
1055	----	----	----	.12760N	.13560	+ 0.00800	.999	----	1	1	UNCH	.13920B .10960A	
1055	----	----	----	.00005N	.00005	UNCH	.000	----	5	UNCH	.00015B .00010A		
1060	----	----	----	.12260N	.13070	+ 0.00810	.998	----	1	1	UNCH	.13420B .10460A	
1060	----	----	----	.00005N	.00005	UNCH	.001	----	35	UNCH	.00025 .00010		
1065	----	----	----	.11770N	.12570	+ 0.00800	.998	----	3	3	UNCH	.12930B .09970A	
1065	----	----	----	.00005N	.00005	UNCH	.001	----	109	UNCH	.00025B .00015A		
1070	----	----	----	.11270N	.12070	+ 0.00800	.997	----	3	3	UNCH	.12430B .09480A	
1075	----	----	----	.10770N	.11570	+ 0.00800	.996	----	5	5	UNCH	.11930B .08980A	
1075	----	----	----	.00010N	.00005	- 0.00005	.003	----	50	UNCH	.00045B .00015A		
1080	----	----	----	.10270N	.11080	+ 0.00810	.993	----	2	2	UNCH	.11760B .08490A	
1080	----	----	----	.00010N	.00010	UNCH	.006	----	71	UNCH	.00060B .00015A		
1085	----	----	----	.09780N	.10580	+ 0.00800	.993	----	1	1	UNCH	.11270B .08010A	
1085	----	----	----	.00010N	.00010	UNCH	.006	----	20	UNCH	.00070B .00015A		
1090	----	----	----	.09280N	.10080	+ 0.00800	.993	----	1	1	UNCH	.10780B .07320A	
1090	----	----	----	.00015N	.00010	+ 0.00005	.006	----	122	157	+	116	.00090B .00010A
1095	----	----	----	.08790N	.09590	+ 0.00800	.990	----	2	2	UNCH	.10290B .0740A	
1095	----	----	----	.00020N	.00015	+ 0.00005	.009	----	30	117	UNCH	.00120B .00015A	
1100	----	----	----	.08300N	.09090	+ 0.00790	.989	----	8	8	UNCH	.09810B .06560A	
1100	----	----	----	.00025N	.00015	+ 0.00010	.010	----	48	UNCH	.00150B .00020A		
1105	----	----	----	.07800N	.08600	+ 0.00800	.986	----	7	7	UNCH	.09320B .06080A	
1105	----	----	----	.00030N	.00020	+ 0.00010	.013	----	86	UNCH	.00190B .00020A		
1110	----	----	----	.07310N	.08100	+ 0.00790	.983	----	5	5	UNCH	.08840B .05620A	
1110	----	----	----	.00040N	.00025	+ 0.00015	.016	----	16	111	-	7	.00230B .00025
1115	----	----	----	.06830N	.07610	+ 0.00780	.977	----	5	5	UNCH	.08360B .05150A	
1115	----	----	----	.00050N	.00035	+ 0.00015	.022	----	139	UNCH	.00280B .00035A		
1120	----	----	----	.00070N	.00040	+ 0.00030	.026	----	11	269	-	1	.00340B .00045A
1125	----	----	----	.05870N	.06640	+ 0.00770	.962	----	1	1	UNCH	.07420B .04260A	
1125	----	----	----	.00090N	.00060	+ 0.00030	.037	----	1	207	-	1	.00420B .00060A
1130	----	----	----	.05390N	.06160	+ 0.00770	.955	----	1	1	UNCH	.06960B .03830A	
1130	----	----	----	.00110N	.00070	+ 0.00040	.044	----	4	1248	UNCH	.00500B .00080A	
1135	----	----	----	.04930N	.05680	+ 0.00750	.940	----	1	1	UNCH	.06500B .03420A	
1135	----	----	----	.00150N	.00100	+ 0.00050	.059	----	35	1075	-	6	.00600B .00100A
1140	----	----	----	.04480N	.05210	+ 0.00730	.924	----	2	2	UNCH	.06060B .03030A	
1140	----	----	----	.00190N	.00130	+ 0.00060	.075	----	264	909	+	166	.00720B .00130A
1145	----	----	----	.00250N	.00170	+ 0.00080	.095	----	177	1016	+	96	.00850B .00160
1150	----	----	----	.00320N	.00220	+ 0.00100	.120	----	313	1673	+	88	.01010B .00210
1155	----	----	----	.03200N	.03870	+ 0.00670	.851	----	18	18	UNCH	.04770B .01990A	
1155	----	----	----	.00410N	.00280	+ 0.00130	.148	----	11	649	+	10	.01190B .00290
1160	----	----	----	.02810N	.03460	+ 0.00650	.817	----	35	35	UNCH	.04370B .01680	
1160	----	----	----	.00520N	.00360	+ 0.00160	.182	----</					



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EUU OPT	EUU OPT													
1270	----	----	----	.00045N	.00070	+ 0.00025	.039	----	71	81	+	6	.00310B	.00030A
1270	----	----	----	.08730N	.07940	- 0.00790	.960	----	----	1		UNCH	.10490B	.07450A
1275	----	----	----	.00040N	.00050	+ 0.00010	.029	----	----	122		UNCH	.00270B	.00025A
1275	----	----	----	.09220N	.08430	- 0.00790	.970	----	----	1		UNCH	.10980B	.07910A
1280	----	----	----	.00030N	.00040	+ 0.00010	.024	----	12	170	-	12	.00240B	.00020A
1280	----	----	----	.09710N	.08920	- 0.00790	.975	----	----	20		UNCH	.11480B	.08370A
1285	----	----	----	.00025N	.00035	+ 0.00010	.020	----	----	87		UNCH	.00200B	.00015
1285	----	----	----	.10200N	.09410	- 0.00790	.979	----	----	1		UNCH	.11970B	.08840A
1290	----	----	----	.00020N	.00025	+ 0.00005	.015	----	60	214	-	18	.00170B	.00015A
1290	----	----	----	.10690N	.09900	- 0.00790	.984	----	----	3		UNCH	.12470B	.09310A
1295	----	----	----	.00015N	.00020	+ 0.00005	.012	----	----	34		UNCH	.00150B	.00020A
1295	----	----	----	.11190N	.10390	- 0.00800	.987	----	----	1		UNCH	.12960B	.09790A
1300	----	----	----	.00015N	.00015	UNCH	.009	----	----	60		UNCH	.00120B	.00010A
1300	----	----	----	.11680N	.10890	- 0.00790	.990	----	----	2		UNCH	.13460B	.10270A
1305	----	----	----	.00010N	.00015	+ 0.00005	.009	----	----	85		UNCH	.00110B	.00015A
1305	----	----	----	.12180N	.11380	- 0.00800	.990	----	----	3		UNCH	.13960B	.10750A
1310	----	----	----	.00010N	.00010	UNCH	.006	----	----	18		UNCH	.00090B	.00010
1310	----	----	----	.12680N	.11880	- 0.00800	.993	----	----	3		UNCH	.14450B	.11230A
1315	----	----	----	.00005N	.00010	+ 0.00005	.006	----	----	54		UNCH	.00080B	.00010A
1315	----	----	----	.13170N	.12370	- 0.00800	.993	----	----	4		UNCH	.14950B	.11720A
1320	----	----	----	.00005N	.00005	UNCH	.003	----	----	98		UNCH	.00070B	.00010A
1320	----	----	----	.13670N	.12870	- 0.00800	.996	----	----	1		UNCH	.15450B	.12210A
1325	----	----	----	.00005N	.00005	UNCH	.002	----	----	56		UNCH	.00060B	.00015A
1325	----	----	----	.14170N	.13370	- 0.00800	.997	----	----	4		UNCH	.15950B	.12700A
1330	----	----	----	.00005N	.00005	UNCH	.001	----	----	53		UNCH	.00050B	.00010
1330	----	----	----	.14670N	.13860	- 0.00810	.998	----	----	7		UNCH	.16440B	.13500A
1335	----	----	----	.00005N	.00005	UNCH	.001	----	----	19		UNCH	.00040B	.00010A
1335	----	----	----	.15160N	.14360	- 0.00800	.998	----	----	15		UNCH	.16940B	.14000A
1340	----	----	----	.00005N	.00005	UNCH	.000	----	----	111		UNCH	.00035B	.00010
1340	----	----	----	.15660N	.14860	- 0.00800	.999	----	----	13		UNCH	.17440B	.14490A
1500	----	----	----	.31610N	.30810	- 0.00800	1.000	----	----	30		UNCH	.33370B	.30410A
TOTAL									5336	27788	+	1116		
MAR18	EUU OPT													
850	----	----	----	----	CAB	----	----	----	----	30		UNCH	.00005	.00005
955	----	----	----	----	CAB	----	----	----	----	45		UNCH	.00045B	.00010A
980	----	----	----	----	CAB	----	.000	----	----	36		UNCH	.00840B	.00005A
985	----	----	----	.00005N	CAB	----	.000	----	----	30		UNCH	.00910B	.00005A
990	----	----	----	.00005N	CAB	----	.000	----	----	30		UNCH	.01080B	.00015A
1000	----	----	----	.00005N	CAB	----	.000	----	----	11		UNCH	.01250B	.00005
1005	----	----	----	.00005N	.00005	UNCH	.000	----	----	66		UNCH	.01350B	.00010
1010	----	----	----	.00005N	.00005	UNCH	.000	----	----	248		UNCH	.01450B	.00020A
1015	----	----	----	.00005N	.00005	UNCH	.000	----	----	157		UNCH	.01850B	.00010
1020	----	----	----	.00005N	.00005	UNCH	.000	----	----	481		UNCH	.01970B	.00010A
1025	----	----	----	.00005N	.00005	UNCH	.000	----	----	91		UNCH	.02130B	.00010A
1030	----	----	----	.00010N	.00005	- 0.00005	.001	----	----	291		UNCH	.02270B	.00010A
1035	----	----	----	.00010N	.00005	- 0.00005	.001	----	----	150		UNCH	.02420B	.00015A
1040	----	----	----	.00010N	.00005	- 0.00005	.002	----	----	158		UNCH	.02570B	.00015A
1045	----	----	----	.00010N	.00005	- 0.00005	.002	----	----	233		UNCH	.02740B	.00020A
1050	----	----	----	.00015N	.00010	- 0.00005	.005	----	----	165		UNCH	.02910B	.00010A
1055	----	----	----	.00015N	.00010	- 0.00005	.005	----	----	267		UNCH	.03100B	.00015A
1060	----	----	----	.00015N	.00010	- 0.00005	.005	----	----	92		UNCH	.03290B	.00015A
1065	----	----	----	.00020N	.00015	- 0.00005	.007	----	56	166	+	56	.03500B	.00015A
1070	----	----	----	.00025N	.00015	- 0.00010	.008	----	----	193		UNCH	.03710B	.00020A
1075	----	----	----	.00030N	.00020	- 0.00010	.010	----	----	300		UNCH	.03930B	.00020A
1080	----	----	----	.00035N	.00020	- 0.00015	.010	----	----	364		UNCH	.04170B	.00025
1085	----	----	----	.00040N	.00025	- 0.00015	.013	----	15	298	-	15	.04410B	.00030
1090	----	----	----	.00050N	.00035	- 0.00015	.018	----	205	615	-	85	.04590B	.00035
1090	----	----	----	.09310N	.10090	+ 0.00780	.981	----	----	100		UNCH	.10810B	.03050A
1095	----	----	----	.00060N	.00040	+ 0.00020	.020	----	129	431	+	116	.04790B	.00045A
1095	----	----	----	.08820N	.09600	+ 0.00780	.979	----	----	284		UNCH	.10330B	.02820A
1100	----	----	----	.08340N	.09120	+ 0.00780	.974	----	----	200		UNCH	.09850B	.02610A
1100	----	----	----	.00070N	.00050	- 0.00020	.025	----	1	680	+	1	.05130B	.00060
1105	----	----	----	.07850N	.08630	+ 0.00780	.965	----	----	51		UNCH	.09380B	.02410A
1105	----	----	----	.00090N	.00070	- 0.00020	.034	----	41	587	-	36	.05420B	.00070A
1110	----	----	----	.07380N	.08150	+ 0.00770	.960	----	----	50		UNCH	.08900B	.02220A
1110	----	----	----	.00110N	.00080	- 0.00030	.039	----	1	767		UNCH	.05160B	.00090
1115	----	----	----	.00140N	.00110	- 0.00030	.051	----	1	517	-	1	.05200B	.00110A
1120	----	----	----	.00170N	.00130	- 0.00040	.060	----	28	2768		UNCH	.05520B	.00140
1120	----	----	----	.06440N	.07200	+ 0.00760	.939	----	----	50		UNCH	.09790B	.01880A
1125	----	----	----	.00210N	.00160	- 0.00050	.073	----	61	820	-	26	.05850B	.00170
1130	----	----	----	.00260N	.00200	- 0.00060	.088	----	39	1002	+	17	.06190B	.00200
1130	----	----	----	.05530N	.06280	+ 0.00750	.911	----	----	1		UNCH	.08460B	.01600A
1135	----	----	----	.05090N	.05830	+ 0.00740	.892	----	----	26		UNCH	.08190B	.01470A
1135	----	----	----	.00310N	.00250	- 0.00060	.107	----	1	725	+	1	.06550B	.00240
1140	----	----	----	.04660N	.05380	+ 0.00720	.873	----	----	59		UNCH	.07750B	.01350A
1140	----	----	----	.00380N	.00300	- 0.00080	.126	----	54	1184	-	3	.04930B	.00300
1145	----	----	----	.04240N	.04950	+ 0.00710	.852	----	----	104		UNCH	.07320B	.01240A
1145	----	----	----	.00460N	.00360	- 0.00100	.147	----	42	893	-	24	.05290B	.00360A
1150	----	----	----	.03840N	.04520	+ 0.00680	.825	----	40	533	+	35	.05200B	.01140A
1150	----	----	----	.00560N	.00440	- 0.00120	.174	----	378	832	+	42	.04040B	.00430
1155	----	----	----	.00670N	.00530	- 0.00140	.203	----	143	753		UNCH	.06230B	.00530A
1160	----	----	----	.03090N	.03720	+ 0.00630	.765	----	----	48		UNCH	.06070B	.01000A
1160	----	----	----	.00800N	.00630	- 0.00170	.234	----	228	2119	+	154	.04540B	.00630A
1165	----	----	----	.00950N	.00750	- 0.00200	.269	----	20	1275	+	20	.04860B	.00750A
1165	----	----	----	.02740N	.03340	+ 0.00600	.730	----	----	247		UNCH	.05680B	.00920A
1170	----	----	----	.01130N	.00890	- 0.00240	.308	----	41	873	+	34	.05190B	.00900A
1170	----	----	----	.02420N	.02980	+ 0.00560	.691	----	----	257		UNCH	.05290B	.00840A
1175	----	----	----	.02120N	.02650	+ 0.00530	.650	----	----	552		UNCH	.04920B	.00780A
1175	----	----	----	.01330N	.01060	- 0.00270	.349	----	85	1156	+	34	.05540B	.01060A
1180	----	----	----	.01850N	.02340	+ 0.00490	.606	----	32	442		UNCH	.04570B	.00710A
1180	----	----	----	.01560N	.01250	- 0.00310	.393	----	87	660	+	39	.04050B	.01240A
1185	----	----	----	.01610N	.02060	+ 0.00450	.562	----	7	393	+	7	.04500B	.00730A
1185	----	----	----	.01810N	.01460	- 0.00350	.437	----	38	226	+	31	.03880B	.01380A
1190	----	----	----	.01390N	.01800	+ 0.00410	.516	----	61	885	+	31	.04250B	.00790A
1190	----	----	----	.02090N	.01700	- 0.00390	.483	----	1	403		UNCH	.04020B	.01540A
1195	----	----	----	.02400N	.01960	- 0.00440	.528	----	----	430		UNCH	.03790B	.01700A
1195	----	----	----	.01200N	.01570	+ 0.00370	.471	----	----	104		UNCH	.03590B	.00670A
1200	----	----	----	.02730N	.02260	- 0.00470	.573	----	----	719				



PRELIMINARY

PG39 BULLETIN #226@

EURO FX & CME\$INDEX OPTIONS

wed, Nov 22, 2017 PG39

EUU OPT	EUU OPT													
1310	----	----	----	.00170N	.00230	+ 0.00060	.072	----	----	271	UNCH	.00960B	.00090A	
1315	----	----	----	.00150N	.00200	+ 0.00050	.063	----	37	165 +	19	.00890B	.00080A	
1320	----	----	----	.00130N	.00180	+ 0.00050	.057	----	14	96 -	14	.00830B	.00070	
1325	----	----	----	.00120N	.00160	+ 0.00040	.052	----	9	78	UNCH	.00770B	.00060A	
1330	----	----	----	.00100N	.00140	+ 0.00040	.046	----	----	66	UNCH	.00710B	.00070A	
1335	----	----	----	.00090N	.00130	+ 0.00040	.042	----	----	15	UNCH	.00660B	.00060A	
1340	----	----	----	.00080N	.00110	+ 0.00030	.037	----	20	23 -	4	.00610B	.00040A	
1345	----	----	----	.00070N	.00100	+ 0.00030	.033	----	44	218 +	44	.00570B	.00035A	
TOTAL									2225	23457 +	952			
SEP18	EUU OPT													
1055	----	----	----	.00150N	.00140	- 0.00010	.036	----	----	6	UNCH	.00210	.00150A	
1060	----	----	----	.00170N	.00150	- 0.00020	.039	----	----	38	UNCH	.00300B	.00160A	
1065	----	----	----	.00190N	.00170	- 0.00020	.044	----	----	6	UNCH	.00330B	.00180A	
1070	----	----	----	.00210N	.00190	- 0.00020	.049	----	----	20	UNCH	.00360B	.00200A	
1075	----	----	----	.00240N	.00210	- 0.00030	.053	----	----	16	UNCH	.00450	.00220	
1080	----	----	----	.00270N	.00230	- 0.00040	.059	----	----	35	UNCH	.00440B	.00230	
1085	----	----	----	.00300N	.00250	- 0.00050	.064	----	----	4	UNCH	.00560B	.00260	
1090	----	----	----	.00340N	.00280	- 0.00060	.071	----	----	8	UNCH	.00620B	.00280A	
1095	----	----	----	.00370N	.00310	- 0.00060	.078	----	----	1	UNCH	.00680B	.00340A	
1100	----	----	----	.00420N	.00350	- 0.00070	.087	----	----	40	UNCH	.00750B	.00370A	
1110	----	----	----	.00520N	.00430	- 0.00090	.105	----	----	5	UNCH	.00930B	.00460A	
1115	----	----	----	.00580N	.00490	- 0.00090	.117	----	----	27	UNCH	.01020B	.00510A	
1120	----	----	----	.00640N	.00540	- 0.00100	.128	----	----	28	UNCH	.01120B	.00570A	
1125	----	----	----	.00710N	.00610	- 0.00100	.142	----	----	1	UNCH	.01220B	.00630A	
1130	----	----	----	.00790N	.00680	- 0.00110	.156	----	----	26	UNCH	.01340B	.00700A	
1135	----	----	----	.00880N	.00760	- 0.00120	.171	----	----	19	UNCH	.01470B	.00780A	
1140	----	----	----	.00980N	.00850	- 0.00130	.187	----	----	48	UNCH	.01600B	.00870A	
1145	----	----	----	.01090N	.00940	- 0.00150	.204	----	----	25	UNCH	.01750B	.00970A	
1150	----	----	----	.01210N	.01050	- 0.00160	.223	----	----	133	UNCH	.01910B	.01070A	
1155	----	----	----	.01340N	.01160	- 0.00180	.242	----	----	38	UNCH	.02080B	.01190A	
1160	----	----	----	.01480N	.01290	- 0.00190	.263	----	----	113	UNCH	.02260B	.01320A	
1170	----	----	----	.04530N	.05100	+ 0.00570	.692	----	----	6	UNCH	.05960B	.03450A	
1170	----	----	----	.01810N	.01580	- 0.00230	.307	----	----	87	UNCH	.02670B	.01600A	
1175	----	----	----	.01990N	.01740	- 0.00250	.331	----	4	20 +	4	.02900B	.01770A	
1180	----	----	----	.03920N	.04450	+ 0.00530	.644	----	----	3	UNCH	.05300B	.02930A	
1180	----	----	----	.02180N	.01910	- 0.00270	.355	----	4	38 +	3	.03140B	.01940A	
1185	----	----	----	.02390N	.02100	- 0.00290	.380	----	----	55	UNCH	.03390B	.02100A	
1190	----	----	----	.03370N	.03850	+ 0.00480	.594	----	----	80	UNCH	.04690B	.02480A	
1190	----	----	----	.02620N	.02310	- 0.00310	.405	----	----	77	UNCH	.03660B	.02270A	
1195	----	----	----	.03120N	.03580	+ 0.00460	.568	----	----	25	UNCH	.04830B	.02270A	
1195	----	----	----	.02860N	.02520	- 0.00340	.431	----	----	22	UNCH	.03850B	.02440A	
1200	----	----	----	.02880N	.03310	+ 0.00430	.542	----	----	202	UNCH	.04650B	.02060	
1200	----	----	----	.03110N	.02760	- 0.00350	.457	----	----	65	UNCH	.04190B	.02630A	
1205	----	----	----	.02650N	.03070	+ 0.00420	.515	----	----	13	UNCH	.04790B	.01910A	
1205	----	----	----	.03380N	.03000	- 0.00380	.484	----	----	33	UNCH	.04330B	.02820A	
1210	----	----	----	.02450N	.02840	+ 0.00390	.489	----	----	67	UNCH	.04510B	.01750A	
1210	----	----	----	.03670N	.03270	- 0.00400	.510	----	----	186	UNCH	.04630B	.03030A	
1215	----	----	----	.02250N	.02620	+ 0.00370	.463	----	----	11	UNCH	.04390B	.01610A	
1220	----	----	----	.02070N	.02420	+ 0.00350	.438	----	----	14	UNCH	.04130B	.01470A	
1220	----	----	----	.04290N	.03830	- 0.00460	.561	----	----	22	UNCH	.05330B	.03490A	
1225	----	----	----	.01910N	.02230	+ 0.00320	.413	----	----	61	UNCH	.03880B	.01350A	
1230	----	----	----	.01750N	.02050	+ 0.00300	.389	----	----	18	UNCH	.03650B	.01230A	
1230	----	----	----	.04960N	.04460	- 0.00500	.610	----	----	11	UNCH	.05590B	.03990A	
1240	----	----	----	.01480N	.01750	+ 0.00270	.344	----	----	3	UNCH	.03230B	.01030A	
1245	----	----	----	.01370N	.01610	NEW	.322	----	5	5 +	5	.03020B	.00950A	
1250	----	----	----	.01260N	.01490	+ 0.00230	.303	----	18	128 +	18	.02830B	.00870A	
1255	----	----	----	.01160N	.01370	+ 0.00210	.283	----	----	21	UNCH	.02640B	.00800A	
1260	----	----	----	.01070N	.01270	+ 0.00200	.265	----	----	48	UNCH	.02480B	.00730A	
1265	----	----	----	.00980N	.01170	+ 0.00190	.248	----	----	29	UNCH	.02320B	.00670A	
1285	----	----	----	.00710N	.00850	+ 0.00140	.188	----	----	76	UNCH	.01770B	.00480A	
1290	----	----	----	.00660N	.00780	+ 0.00120	.175	----	1	3 +	1	.01660B	.00420A	
1295	----	----	----	.00600N	.00720	+ 0.00120	.163	----	----	5	UNCH	.01550B	.00400A	
1300	----	----	----	.00560N	.00670	+ 0.00110	.153	----	----	29	UNCH	.01450B	.00370A	
1310	----	----	----	.00470N	.00570	+ 0.00100	.132	----	----	33	UNCH	.01270B	.00310A	
1320	----	----	----	.00400N	.00490	+ 0.00090	.115	----	----	4	UNCH	.01100B	.00250	
1325	----	----	----	.00370N	.00450	NEW	.107	----	15	15 +	15	.01030B	.00240A	
1330	----	----	----	.00350N	.00420	+ 0.00070	.100	----	----	17	UNCH	.00960B	.00220A	
1335	----	----	----	.00320N	.00380	+ 0.00060	.092	----	----	30	UNCH	.00900B	.00200A	
1340	----	----	----	.00300N	.00360	+ 0.00060	.087	----	----	6	UNCH	.00840B	.00170A	
1345	----	----	----	.00270N	.00330	+ 0.00060	.080	----	----	8	UNCH	.00790B	.00160A	
1350	----	----	----	.00250N	.00300	+ 0.00050	.074	----	10	37 +	10	.00730B	.00160A	
TOTAL									57	2250 +	56			