



THE CME GROUP DAILY BULLETIN ONLY DISPLAYS THOSE PRODUCTS/CONTRACT MONTHS THAT HAVE VOLUME AND/OR OPEN INTEREST. VOLUME INCLUDES GLOBEX (ELECTRONIC), OPEN OUTCRY (TRADING FLOOR) AND PRIVATELY NEGOTIATED TRANSACTIONS (PNT) THAT INCLUDE CME CLEARPORT ACTIVITY. VOLUME OR OPEN INTEREST CHANGES (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: PRIVATELY NEGOTIATED TRANSACTIONS, PRIOR DAY CLEARER TRADES, POSITION ADJUSTMENTS, DELIVERIES, CASH SETTLEMENTS, OPTION EXERCISES OR ASSIGNMENTS.

PRICE INDICATOR KEY

R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION, N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURING THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES THE NOMINAL PRICE IS THE PREVIOUS DAY'S SETTLEMENT PRICE.

METAL FUTURES CONTRACTS LAST TRADE DATES

Table with columns: EXPIRATION, MAY19, JUN19, JUL19, AUG19, SEP19, OCT19, NOV19, DEC19, JAN20, FEB20, MAR20, APR20, MAY20. Rows include HRO CALL, HX CALL, HX PUT, HXE CALL, ICT CALL, ICT PUT, OG CALL, OG PUT, OG1 CALL, OG1 PUT, OG2 CALL, OG2 PUT, OG4 CALL, OG4 PUT, OG5 CALL, OG5 PUT, PAO CALL, PAO PUT, PO CALL, PO PUT, SO CALL, SO PUT, SO1 CALL, SO1 PUT, SO2 CALL, SO2 PUT, SO4 CALL, SO4 PUT, SO5 CALL, SO5 PUT.

GOLD OPTIONS ON FUTURES

Table with columns: GLOBEX OPEN, OPEN OPEN, OUTCRY RANGE, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, OPEN CLOSE, OUTCRY RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: OG5 PUT GOLD OPTIONS MAY19.

Table with columns: GLOBEX OPEN, OPEN OPEN, OUTCRY RANGE, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, OPEN CLOSE, OUTCRY RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: OG5 CALL GOLD OPTIONS MAY19.

Table with columns: GLOBEX OPEN, OPEN OPEN, OUTCRY RANGE, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, OPEN CLOSE, OUTCRY RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: OG4 PUT GOLD OPTIONS MAY19.

Table with columns: GLOBEX OPEN, OPEN OPEN, OUTCRY RANGE, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, OPEN CLOSE, OUTCRY RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: OG4 CALL GOLD OPTIONS MAY19.

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-header: OG4 CALL GOLD OPTIONS MAY19.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-header: OG2 PUT GOLD OPTIONS JUN19.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-header: OG2 CALL GOLD OPTIONS JUN19.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-header: OG1 PUT GOLD OPTIONS JUN19.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-header: OG1 CALL GOLD OPTIONS JUN19.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-header: OG PUT COMEX GOLD OPTIONS JUN19.



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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include COMEX GOLD OPTIONS for APR20, JUN20, AUG20, DEC20, JUN21, and DEC21.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include COMEX GOLD OPTIONS for JUN19 and various call options.

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METALS OPTION PRODUCTS

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Includes data for NOV19 and DEC19.

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include COMEX GOLD OPTIONS and various contract specifications.

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include months like FEB20, MAR20, APR20, JUN20, JUL20, AUG20, OCT20, DEC20 and various contract specifications.

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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Data for COMEX GOLD OPTIONS for various dates and times.

SILVER OPTIONS ON FUTURES

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Data for COMEX SILVER OPTIONS for various dates and times.

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Table with columns: SO CALL, GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include JUL19 and AUG19 data for various metal options.

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GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY OPEN CLOSE RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
SO CALL	COMEX SILVER OPTIONS											
AUG19												
1525	0.088	0.088	0.148B/0.100A	0.148B/0.100A	0.146 + 0.039	.2748	----	----	----	----	344 UNCH	
1530			0.137B/0.092A	0.137B/0.092A	0.135 + 0.036	.2579	----	----	----	----	56 UNCH	
1535			0.127B/0.086A	0.127B/0.086A	0.125 + 0.033	.2420	----	----	----	----	41 UNCH	
1540			0.117B/0.080A	0.117B/0.080A	0.116 + 0.031	.2271	----	----	----	----	15 UNCH	
1545			0.109B/0.074A	0.109B/0.074A	0.108 + 0.029	.2134	----	----	----	----	4 UNCH	
1550			0.101B/0.069A	0.101B/0.069A	0.100 + 0.027	.1998	----	7	----	----	491 UNCH	
1555			0.093B/0.064A	0.093B/0.064A	0.092 + 0.025	.1864	----	----	----	----	26 UNCH	
1560	0.063	0.063	0.087B/0.058A	0.087B/0.058A	0.086 + 0.024	.1753	----	3	----	----	24 + 3	
1565			0.080B/0.056A	0.080B/0.056A	0.080 + 0.022	.1643	----	----	----	----	7 UNCH	
1570			0.074B/0.052A	0.074B/0.052A	0.074 + 0.020	.1535	----	----	----	----	11 UNCH	
1575	0.060	0.060	0.069B/0.048A	0.069B/0.048A	0.069 + 0.019	.1440	----	3	----	----	167 + 3	
1580	0.065	0.065	0.065/0.045A	0.065/0.045A	0.064 + 0.017	.1347	----	3	----	----	5 UNCH	
1585			0.059B/0.042A	0.059B/0.042A	0.060 + 0.016	.1267	----	----	----	----	4 UNCH	
1590			0.055B/0.039A	0.055B/0.039A	0.056 + 0.015	.1188	----	----	----	----	7 UNCH	
1595	0.046	0.046	0.051/0.037A	0.051/0.037A	0.052 + 0.014	.1111	----	6	----	----	22 + 3	
1600			0.048B/0.034A	0.048B/0.034A	0.049 + 0.014	.1048	----	----	----	----	574 UNCH	
1605			0.044B/0.032A	0.044B/0.032A	0.045 + 0.012	.0973	----	----	----	----	21 UNCH	
1610	0.042	0.042	0.042/0.030A	0.042/0.030A	0.042 + 0.011	.0912	----	1	----	----	25 + 1	
1615			0.039B/0.028A	0.039B/0.028A	0.039 + 0.010	.0852	----	----	----	----	29 UNCH	
1620			0.036B/0.027A	0.036B/0.027A	0.037 + 0.009	.0807	----	----	----	----	12 UNCH	
1625			0.034B/0.025A	0.034B/0.025A	0.034 + 0.008	.0749	----	----	----	----	132 UNCH	
1630			0.032B/0.024A	0.032B/0.024A	0.032 + 0.007	.0705	----	----	----	----	131 UNCH	
1635			0.030B/----	0.030B/----	0.030 + 0.007	.0663	----	----	----	----	17 UNCH	
1640			0.028B/0.021A	0.028B/0.021A	0.028 + 0.006	.0621	----	----	----	----	4 UNCH	
1645			0.026B/----	0.026B/----	0.027 + 0.007	.0595	----	----	----	----	20 UNCH	
1650			0.024B/----	0.024B/----	0.025 + 0.006	.0554	----	----	----	----	222 UNCH	
1665			0.020B/----	0.020B/----	0.021 + 0.005	.0466	----	----	----	----	1 UNCH	
1670			0.019B/----	0.019B/----	0.020 + 0.005	.0443	----	----	----	----	1 UNCH	
1675			0.018B/----	0.018B/----	0.019 + 0.005	.0420	----	----	----	----	32 UNCH	
1700	0.014	0.014	0.014/0.014	0.014/0.014	0.015 + 0.004	.0328	----	1	----	----	324 + 1	
1725			0.011B/----	0.011B/----	0.012 + 0.003	.0259	----	----	----	----	59 UNCH	
1750			0.009B/----	0.009B/----	0.010 + 0.002	.0212	----	----	----	----	87 UNCH	
1775			0.008B/----	0.008B/----	0.008 + 0.001	.0168	----	----	----	----	19 UNCH	
1800	0.007	0.007	0.007/0.007	0.007/0.007	0.007 + 0.001	.0143	----	1	----	----	8 + 1	
1825	0.006	0.006	0.006/0.006	0.006/0.006	0.006 UNCH	.0121	----	1	----	----	33 UNCH	
1850	0.005	0.005	0.005/0.005	0.005/0.005	0.006 + 0.001	.0115	----	4	----	----	26 + 4	
1900					0.004 UNCH	.0076	----	----	----	----	130 UNCH	
1925					0.004 UNCH	.0073	----	----	----	----	18 UNCH	
1950					0.004 + 0.001	.0071	----	----	----	----	1 UNCH	
1975					0.003 UNCH	.0054	----	----	----	----	2 UNCH	
2000					0.003 + 0.001	.0052	----	----	----	----	20 UNCH	
2025					0.002 UNCH	.0036	----	----	----	----	2 UNCH	
2050					0.002 UNCH	.0035	----	----	----	----	66 UNCH	
2075					0.002 UNCH	.0034	----	----	----	----	3 UNCH	
2100					0.002 + 0.001	.0033	----	----	----	----	67 UNCH	
2150					0.002 + 0.001	.0031	----	----	----	----	1 UNCH	
2200					0.001 UNCH	.0012	----	----	----	----	5 UNCH	
2225					0.001 UNCH	.0009	----	----	----	----	14 UNCH	
2650					0.001 UNCH	----	----	----	----	----	2 UNCH	
TOTAL									117	0	4453 + 64	
SEP19												
1425	0.665	0.665	0.678B/0.540A	0.678B/0.540A	0.671 NEW	.6767	----	----	1	----	1 + 1	
1450			0.525B/0.408A	0.525B/0.408A	0.519 + 0.092	.5858	----	----	----	----	17 UNCH	
1475	0.370	0.370	0.399B/0.305A	0.399B/0.305A	0.394 + 0.075	.4912	----	5	----	----	202 + 5	
1500	0.222	0.222	0.299B/0.221A	0.299B/0.221A	0.295 + 0.059	.4004	----	2	----	----	251 + 1	
1525			0.223B/0.163A	0.223B/0.163A	0.220 + 0.046	.3197	----	----	----	----	252 UNCH	
1550	0.153	0.153	0.167B/0.122A	0.167B/0.122A	0.165 + 0.036	.2523	----	3	----	----	212 + 2	
1575	0.092	0.092	0.125B/0.092	0.125B/0.092	0.124 + 0.028	.1976	----	4	----	----	210 UNCH	
1600	0.085	0.085	0.094B/0.070A	0.094B/0.070A	0.094 + 0.021	.1545	----	3	----	----	948 + 1	
1625			0.071B/0.055A	0.071B/0.055A	0.071 + 0.015	.1200	----	----	----	----	107 UNCH	
1650			0.054B/----	0.054B/----	0.054 + 0.011	.0933	----	----	----	----	127 UNCH	
1675	0.034	0.034	0.042B/0.033A	0.042B/0.033A	0.042 + 0.008	.0735	----	1	----	----	136 - 1	
1700	0.034	0.034	0.034/0.034	0.034/0.034	0.033 + 0.006	.0583	----	1	----	----	600 - 1	
1725			0.026B/----	0.026B/----	0.027 + 0.006	.0475	----	----	----	----	209 UNCH	
1750			0.021B/----	0.021B/----	0.022 + 0.004	.0387	----	----	----	----	358 UNCH	
1775			0.017B/----	0.017B/----	0.018 + 0.003	.0316	----	----	----	----	103 UNCH	
1800			0.014B/----	0.014B/----	0.015 + 0.002	.0262	----	----	----	----	583 UNCH	
1825			0.012B/----	0.012B/----	0.013 + 0.002	.0224	----	----	----	----	262 UNCH	
1850					0.011 + 0.001	.0189	----	----	----	----	67 UNCH	
1875					0.010 + 0.001	.0168	----	----	----	----	6 UNCH	
1900					0.008 UNCH	.0136	----	----	----	----	752 UNCH	
1925					0.007 UNCH	.0117	----	----	----	----	17 UNCH	
1950					0.007 + 0.001	.0113	----	----	----	----	161 UNCH	
1975					0.006 + 0.001	.0097	----	----	----	----	35 UNCH	
2000					0.005 UNCH	.0081	----	----	----	----	591 UNCH	
2025					0.005 + 0.001	.0078	----	----	----	----	2 UNCH	
2050					0.005 + 0.001	.0076	----	----	----	----	11 UNCH	
2075					0.004 + 0.001	.0062	----	----	----	----	1 UNCH	
2100					0.004 + 0.001	.0060	----	----	----	----	78 UNCH	
2125					0.004 + 0.001	.0059	----	----	----	----	9 UNCH	
2150					0.003 UNCH	.0045	----	----	----	----	1 UNCH	
2175					0.003 UNCH	.0044	----	----	----	----	1 UNCH	
2200					0.003 UNCH	.0043	----	----	----	----	466 UNCH	
2250					0.003 + 0.001	.0041	----	----	----	----	3 UNCH	
2300					0.002 UNCH	.0028	----	----	----	----	3 UNCH	
2400					0.002 UNCH	.0026	----	----	----	----	1 UNCH	
2425					0.002 UNCH	.0026	----	----	----	----	1 UNCH	
2450					0.002 UNCH	.0025	----	----	----	----	11 UNCH	
2500					0.002 UNCH	.0024	----	----	----	----	174 UNCH	
2575					0.002 UNCH	.0023	----	----	----	----	20 UNCH	
2600					0.002 UNCH	.0023	----	----	----	----	10 UNCH	
2650					0.002 UNCH	.0022	----	----	----	----	8 UNCH	
TOTAL									20	0	7007 + 8	
OCT19												
1500			0.410B/0.333A	0.410B/0.333A	0.406 + 0.069	.4517	----	----	----	----	19 UNCH	
1525			0.321B/0.248A	0.321B/0.248A	0.318 + 0.056	.3775	----	----	----	----	51 UNCH	
1550			0.251B/0.193A	0.251B/0.193A	0.249 + 0.046	.3117	----	----	----	----	35 UNCH	
1575			0.197B/0.151A	0.197B/0.151A	0.196 + 0.037	.2556	----	----	----	----	7 UNCH	
1600			0.155B/0.120A	0.155B/0.120A	0.155 + 0.030	.2090	----	----	----	----	26 UNCH	
1625			0.123B/0.096A	0.123B/0.096A	0.123 + 0.024	.1704	----	----	----	----	10 UNCH	
1675			0.079B/0.063A	0.079B/0.063A	0.079 + 0.015	.1138						



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Table with columns: PG64 BULLETIN # 99@, METALS OPTION PRODUCTS, Thu, May 23, 2019 PG64. Includes rows for SO CALL, SO PUT, JUN19, JUL19 with various option specifications and prices.

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PG64 BULLETIN # 99@ METALS OPTION PRODUCTS Thu, May 23, 2019 PG64

Table with columns: SO PUT, GLOBEX OPEN, OPEN RANGE, OUTCRY HIGH/LOW, COMEX SILVER OPTIONS, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, OPEN CLOSE, OUTCRY RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include data for JUL19, AUG19, SEP19, and OCT19.

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PG64 BULLETIN # 99@

METALS OPTION PRODUCTS

Thu, May 23, 2019 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include contract details for COMEX COPPER OPTIONS from JUN19 to OCT19.

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PG64	BULLETIN # 99@		METALS OPTION PRODUCTS										Thu, May 23, 2019		PG64
GLOBEX OPEN	OPEN OUTCRY OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE	OUTCRY RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
HX CALL COMEX COPPER OPTIONS															
OCT19															
300	----	----	---/*0.0210A	---/*0.0210A	----	----	0.0215 UNCH	.1547	----	----	----	----	1	UNCH	
305	----	----	---/*0.0160A	---/*0.0160A	----	----	0.0165 UNCH	.1230	----	----	----	----	120	UNCH	
310	----	----	---/*0.0120A	---/*0.0120A	----	----	0.0125 UNCH	.0966	----	----	----	----	3	UNCH	
325	----	----	----	----	----	----	0.0055 UNCH	.0462	----	----	----	----	50	UNCH	
TOTAL													180		
NOV19															
290	----	----	---/*0.0470A	---/*0.0470A	----	----	0.0500 - 0.0005	.2754	----	----	----	----	3	UNCH	
390	----	----	----	----	----	----	0.0005 UNCH	.0018	----	----	----	----	5	UNCH	
TOTAL													8		
DEC19															
270	----	----	0.1330B/*0.1240	0.1330B/*0.1240	----	----	0.1320 - 0.0005	.5130	----	----	----	----	2	UNCH	
275	----	----	---/*0.1035A	---/*0.1035A	----	----	0.1095 - 0.0005	.4550	----	----	----	----	70	UNCH	
280	----	----	---/*0.0860A	---/*0.0860A	----	----	0.0900 - 0.0010	.3984	----	----	----	----	25	UNCH	
290	----	----	---/*0.0580A	---/*0.0580A	----	----	0.0600 - 0.0010	.2963	----	----	----	----	2	UNCH	
300	----	----	---/*0.0380A	---/*0.0380A	----	----	0.0395 - 0.0015	.2133	----	----	----	----	114	UNCH	
315	----	----	---/*0.0210A	---/*0.0210A	----	----	0.0210 NEW	.1256	----	----	----	50	50 +		
325	----	----	----	----	----	----	0.0130 - 0.0010	.0837	----	----	----	----	80	UNCH	
360	----	----	----	----	----	----	0.0040 - 0.0005	.0273	----	----	----	----	1	UNCH	
380	----	----	----	----	----	----	0.0030 UNCH	.0195	----	----	----	----	1	UNCH	
TOTAL										50			345+	50	
JAN20															
300	----	----	----	----	----	----	0.0465 - 0.0015	.2329	----	----	----	----	3	UNCH	
TOTAL													3		
FEB20															
300	----	----	----	----	----	----	0.0560 - 0.0010	.2536	----	----	----	----	3	UNCH	
350	----	----	----	----	----	----	0.0085 - 0.0005	.0512	----	----	----	----	1	UNCH	
TOTAL													4		
MAR20															
300	----	----	----	----	----	----	0.0645 - 0.0010	.2699	----	----	----	----	3	UNCH	
340	----	----	----	----	----	----	0.0185 - 0.0005	.0935	----	----	----	----	2	UNCH	
400	----	----	----	----	----	----	0.0065 UNCH	.0321	----	----	----	----	2	UNCH	
TOTAL													7		
APR20															
300	----	----	----	----	----	----	0.0720 - 0.0020	.2847	----	----	----	----	3	UNCH	
TOTAL													3		
MAY20															
300	----	----	----	----	----	----	0.0815 - 0.0015	.2993	----	----	----	----	3	UNCH	
TOTAL													3		
HX PUT COMEX COPPER OPTIONS															
JUN19															
205	----	----	----	----	----	----	0.0005 UNCH	----	----	----	----	----	1	UNCH	
220	----	----	----	----	----	----	0.0005 UNCH	----	----	----	----	----	2	UNCH	
225	----	----	----	----	----	----	0.0005 UNCH	----	----	----	----	----	8	UNCH	
230	----	----	----	----	----	----	0.0005 UNCH	----	----	----	----	----	5	UNCH	
235	----	----	----	----	----	----	0.0005 UNCH	----	----	----	----	----	2	UNCH	
240	----	----	----	----	----	----	0.0005 UNCH	.0000	----	----	----	----	23	UNCH	
245	----	----	----	----	----	----	0.0005 UNCH	.0003	----	----	----	----	101	UNCH	
250	----	----	----	----	----	----	0.0005 - 0.0005	.0045	----	----	----	----	318	UNCH	
253	----	----	---/*0.0010A	---/*0.0010A	----	----	0.0010 - 0.0005	.0202	----	----	----	----	132	UNCH	
255	----	----	---/0.0015A	---/0.0015A	----	----	0.0010 - 0.0010	.0229	----	----	----	----	199	UNCH	
256	----	----	---/0.0015A	---/0.0015A	----	----	0.0010 - 0.0010	.0245	----	----	----	----	2	UNCH	
257	----	----	---/0.0015A	---/0.0015A	----	----	0.0010 - 0.0010	.0264	----	----	----	----	113	UNCH	
258	----	----	---/*0.0015A	---/*0.0015A	----	----	0.0015 - 0.0010	.0397	----	----	----	----	18	UNCH	
260	----	----	0.0040B/0.0020A	0.0040B/0.0020A	----	----	0.0015 - 0.0020	.0474	----	----	----	----	297	UNCH	
261	----	----	0.0050B/*0.0025	0.0050B/*0.0025	----	----	0.0020 - 0.0020	.0652	----	----	----	----	1	UNCH	
262	0.0055	0.0055	0.0065B/*0.0020	0.0065B/*0.0020	----	----	0.0030 NEW	.0966	----	----	----	----	24	24 +	
263	0.0070	0.0070	0.0090B/0.0035A	0.0090B/0.0035A	----	----	0.0040 - 0.0025	.1306	----	----	24	----	1	UNCH	
265	0.0145	0.0145	0.0155/0.0060A	0.0155/0.0060A	----	----	0.0070 - 0.0035	.2314	----	----	203	----	206	159	
266	0.0180	0.0180	0.0200B/0.0080A	0.0200B/0.0080A	----	----	0.0095 - 0.0040	.3057	----	----	1	----	29	+	
267	0.0215	0.0215	0.0250B/0.0110A	0.0250B/0.0110A	----	----	0.0130 - 0.0040	.3950	----	----	6	----	82	+	
268	0.0150	0.0150	#0.0315B/0.0145	#0.0315B/0.0145	----	----	0.0170 - 0.0045	.4919	----	----	1	----	12	+	
269	0.0360	0.0360	#0.0370B/0.0190	#0.0370B/0.0190	----	----	0.0220 - 0.0045	.5946	----	----	27	----	42	-	
270	0.0460	0.0460	#0.0460/0.0245A	#0.0460/0.0245A	----	----	0.0280 - 0.0050	.6953	----	----	3	----	525	UNCH	
271	----	----	#0.0490B/0.0315	#0.0490B/0.0315	----	----	0.0355 - 0.0045	.7765	----	----	----	----	186	UNCH	
272	0.0565	0.0565	#0.0590B/0.0430	#0.0590B/0.0430	----	----	0.0440 - 0.0040	.8340	----	----	2	----	187	-	
273	----	----	----	----	----	----	0.0525 - 0.0040	.8747	----	----	----	----	166	UNCH	
274	----	----	----	----	----	----	0.0620 - 0.0035	.9109	----	----	----	----	167	UNCH	
275	0.0890	0.0890	0.0890/0.0890	0.0890/0.0890	----	----	0.0715 - 0.0030	.9317	----	----	5	----	393	-	
276	----	----	----	----	----	----	0.0810 - 0.0030	.9501	----	----	----	----	162	UNCH	
277	----	----	----	----	----	----	0.0905 - 0.0030	.9670	----	----	----	----	198	UNCH	
278	----	----	----	----	----	----	0.1000 - 0.0030	.9831	----	----	----	----	237	UNCH	
279	----	----	----	----	----	----	0.1100 - 0.0030	.9901	----	----	----	----	258	UNCH	
280	----	----	----	----	----	----	0.1200 - 0.0025	.9945	----	----	----	----	468	UNCH	
281	----	----	----	----	----	----	0.1300 - 0.0025	.9971	----	----	1	----	203	UNCH	
282	----	----	----	----	----	----	0.1400 - 0.0025	.9986	----	----	----	----	185	UNCH	
283	----	----	----	----	----	----	0.1500 - 0.0025	.9994	----	----	----	----	75	UNCH	
284	----	----	----	----	----	----	0.1600 - 0.0025	.0000	----	----	----	----	23	UNCH	
285	----	----	----	----	----	----	0.1700 - 0.0025	.0000	----	----	----	----	179	UNCH	
286	----	----	----	----	----	----	0.1800 - 0.0025	.0000	----	----	----	----	13	UNCH	
287	----	----	----	----	----	----	0.1900 - 0.0025	.0000	----	----	----	----	65	UNCH	
288	----	----	----	----	----	----	0.2000 - 0.0025	.0000	----	----	----	----	12	UNCH	
289	----	----	----	----	----	----	0.2100 - 0.0025	.0000	----	----	----	----	100	UNCH	
290	----	----	----	----	----	----	0.2200 - 0.0025	.0000	----	----	4	----	359	-	
291	----	----	----	----	----	----	0.2300 - 0.0025	.0000	----	----	----	----	50	UNCH	
292	----	----	----	----	----	----	0.2400 - 0.0025	.0000	----	----	----	----	11	UNCH	
293	----	----	----	----	----	----	0.2500 - 0.0025	.0000	----	----	----	----	50	UNCH	
294	----	----	----	----	----	----	0.2600 - 0.0025	.0000	----	----	----	----	8	UNCH	
295	----	----	----	----	----	----	0.2700 - 0.0025	.0000	----	----	----	----	157	UNCH	
296	----	----	----	----	----	----	0.2800 - 0.0025	.0000	----	----	----	----	1	UNCH	
297	----	----	----	----	----	----	0.2900 - 0.0025	.0000	----	----	----	----	110	UNCH	
298	----	----	----	----	----	----	0.3000 - 0.0025	.0000	----	----	----	----	3	UNCH	
300	----	----	----	----	----	----	0.3200 - 0.0025	.0000	----	----	----	----	26	UNCH	
303	----	----	----	----	----	----	0.3500 - 0.0025	.0000	----	----	----	----	2	UNCH	
TOTAL											278		6197-	151	
JUL19															
210	----	----	----	----	----	----	0.0005 UNCH	.0010	----	----	----	----	4	UNCH	
215	----	----	----	----	----	----	0.0005 UNCH	.0026	----	----	----	----	1	UNCH	
220	----	----	----	----	----	----	0.0005 UNCH	.0061	----	----	----	----	6	UNCH	
225	----	----	----	----	----	----	0.0010 UNCH	.0119	----	----	----	----	12	UNCH	
230	0.0010	0.0010	0.0010/*0.0010	0.0010/*0.0010	----	----	0.0010 - 0.0005	.0133	----	----	2	----	66	-	
235	----	----	----	----	----	----	0.0020 UNCH	.0255	----	----	----	----	10	UNCH	
240	----	----	----	----	----	----	0.0030 UNCH	.0392	----	----	----	----	53	UNCH	
245	----	----	0.0050B/----	0.0050B/----	----	----	0.0050 + 0.0005	.0646	----	----	10	----	47	+	
250	0.0080	0.0080	0.0095B/0.0080	0.0095B/0.0080	----	----	0.0080 UNCH	.1028	----	----	1	----	194	UNCH	
252	----	----	#0.0120B/0.0095	#0.0120B/0.0095	----	----	0.0100 UNCH	.1261	----	----	----	----	1	UNCH	
255	----	----	0.0170B/0.0130A	0.0170B/0.0130A	----	----	0.0140 - 0.0005	.1699	----	----	----	----	346	UNCH	
257	----	----	0.0215B/0.0165A	0.0215B/0.0165A	----	----	0.0175 - 0.0005	.2057	----	----	----	----	1	UNCH	
258	----	----	0.0240B/0.0185A	0.0240B/0.0185A	----	----	0.0195 - 0.0005	.2254	----	----	----	----	65	UNCH	
260	0.0275	0.0275	0.0295B/0.0225A	0.0295B/0.0225A	----	----	0.0240 - 0.0005	.2684	----	----	214	----	1529	+	
261	----	----	#0.0325B/0.0250	#0.0325B/0.0250	----	----	0.0265								



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Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sections for COMEX COPPER OPTIONS, AUG19, SEP19, OCT19, NOV19, DEC19, MAR20, and HXE CALL MAY19.

PLATINUM OPTIONS ON FUTURES

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sections for HRO CALL MAY19 and JUL19.



PG64 BULLETIN # 99@		METALS OPTION PRODUCTS										Thu, May 23, 2019		PG64
GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL VOLUME	PNT VOLUME	OPEN INTEREST			
HRO CALL		HOT ROLLED COIL STEEL												
TOTAL												100	0	
AUG19					0.25	UNCH	.0105					100	UNCH	
77500												100	0	
TOTAL														
SEP19					0.25	UNCH	.0107					100	UNCH	
77500												100	0	
TOTAL														
OCT19					0.25	UNCH	.0109					100	UNCH	
77500												100	0	
TOTAL														
NOV19					0.25	UNCH	.0110					100	UNCH	
77500												100	0	
TOTAL														
DEC19					0.25	UNCH	.0110					100	UNCH	
77500												100	0	
TOTAL														
ICT CALL		IRON ORE 62 CHINA (TSI)												
MAY19														
6000					37.29	+ 0.27	.9841					5	UNCH	
12000					0.01	UNCH	.0029					5	UNCH	
TOTAL												10	0	
JUN19														
6000					39.79	- 1.54	.9845					5	UNCH	
12000					0.02	- 0.03	.0075					5	UNCH	
TOTAL												10	0	
JUL19														
6000					37.32	- 1.60	.9935					5	UNCH	
7500					22.43	- 1.59	.9825					20	UNCH	
8000					17.59	- 1.56	.9755					10	UNCH	
12000					0.17	- 0.10	.0382					5	UNCH	
TOTAL												40	0	
AUG19														
6000					35.35	- 1.05	.9938					5	UNCH	
7500					20.64	- 1.03	.9854					20	UNCH	
8000					16.06	- 0.98	.9215					10	UNCH	
12000					0.32	- 0.09	.0580					5	UNCH	
TOTAL												40	0	
SEP19														
6000					33.07	- 0.98	.9857					5	UNCH	
7500					18.77	- 0.93	.9354					20	UNCH	
8000					14.55	- 0.87	.8537					10	UNCH	
12000					0.48	- 0.10	.0735					5	UNCH	
TOTAL												40	0	
OCT19														
6000					31.12	- 0.94	.9847					5	UNCH	
7750					14.87	- 0.86	.8679					100	UNCH	
8750					7.93	- 0.69	.6348					100	UNCH	
9650					3.94	- 0.47	.4006					150	UNCH	
12000					0.70	- 0.10	.0916					5	UNCH	
TOTAL												360	0	
NOV19														
6000					29.47	- 0.95	.9733					5	UNCH	
7750					13.80	- 0.84	.8195					100	UNCH	
8750					7.45	- 0.66	.5880					100	UNCH	
9650					3.87	- 0.46	.3760					150	UNCH	
12000					0.90	- 0.12	.1054					5	UNCH	
TOTAL												360	0	
DEC19														
6000					28.04	- 0.98	.9599					5	UNCH	
7750					12.96	- 0.83	.7774					100	UNCH	
8750					7.10	- 0.65	.5519					100	UNCH	
9650					3.84	- 0.45	.3585					150	UNCH	
12000					1.08	- 0.14	.1162					5	UNCH	
TOTAL												360	0	
ICT PUT		IRON ORE 62 CHINA (TSI)												
MAY19														
4000					0.01	UNCH	.0007					5	UNCH	
TOTAL												5	0	
JUN19														
4000					0.01	UNCH	.0009					5	UNCH	
TOTAL												5	0	
JUL19														
4000					0.01	UNCH	.0010					5	UNCH	
TOTAL												5	0	
AUG19														
4000					0.01	UNCH	.0011					5	UNCH	
TOTAL												5	0	
SEP19														
4000					0.01	UNCH	.0011					5	UNCH	
TOTAL												5	0	
OCT19														
4000					0.01	UNCH	.0012					5	UNCH	
6500					0.23	- 0.01	.0309					100	UNCH	
6600					0.27	UNCH	.0358					100	UNCH	
TOTAL												205	0	
NOV19														
4000					0.01	UNCH	.0012					5	UNCH	
6500					0.42	UNCH	.0493					100	UNCH	
6600					0.47	UNCH	.0551					100	UNCH	
TOTAL												205	0	
DEC19														
4000					0.02	UNCH	.0023					5	UNCH	
6500					0.65	+ 0.01	.0686					100	UNCH	
6600					0.72	UNCH	.0758					100	UNCH	
TOTAL												205	0	
PAO CALL		NYMEX PALLADIUM OPTIONS												
JUL19														
1340					24.40	- 2.80	.3740					30	UNCH	
1350					21.20	- 2.60	.3368					77	UNCH	
1400					10.10	- 1.50	.1856					152	UNCH	
1410					8.60	- 1.40	.1622					20	UNCH	
1415					7.90	- 1.40	.1511					1	UNCH	
1420					7.30	- 1.30	.1412					5	UNCH	
1440					5.30	- 1.00	.1067					20	UNCH	
1450					4.50	- 0.90	.0923					2	UNCH	
1475					2.90	- 0.70	.0624					2	UNCH	
1500					1.90	- 0.50	.0423					5	UNCH	
1505					1.70	- 0.50	.0383					5	UNCH	
1530					1.10	- 0.30	.0255					10	UNCH	
1540					0.90	- 0.30	.0212					10	UNCH	
1550					0.80	- 0.20	.0188					5	UNCH	
TOTAL												344	0	
AUG19														
1375					28.80	- 2.30	.3300					2	UNCH	
1425					17.50	- 1.70	.2228					2	UNCH	
1465					11.50	- 1.30	.1573					5	UNCH	
1500					7.90	- 1.00	.1140					30	UNCH	
1550					4.60	- 0.60	.0707					5	UNCH	
1580					3.30	- 0.50	.0525					5	UNCH	

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GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL VOLUME	PNT VOLUME	OPEN INTEREST			
PAO CALL	NYMEX PALLADIUM OPTIONS													
TOTAL												49	0	
SEP19														
1225					114.60 - 4.30	.7061						1	UNCH	
1370					44.20 - 2.50	.3840						5	UNCH	
1380					41.10 - 2.50	.3640						4	UNCH	
1495					17.60 - 1.40	.1844						5	UNCH	
1535					13.10 - 1.10	.1431						5	UNCH	
1540					12.60 - 1.10	.1384						5	UNCH	
1555					11.30 - 1.00	.1258						1	UNCH	
TOTAL												26	0	
DEC19														
1400					62.60 - 2.50	.3880						100	UNCH	
1500					39.60 - 1.70	.2703						100	UNCH	
1700					16.50 - 0.90	.1274						50	UNCH	
1800					11.00 - 0.60	.0883						100	UNCH	
TOTAL												350	0	
PAO PUT	NYMEX PALLADIUM OPTIONS													
JUL19														
1155					2.20 + 0.10	.0479						5	UNCH	
1165					2.80 + 0.10	.0596						5	UNCH	
1190					5.00 + 0.20	.0991						5	UNCH	
1200					6.20 + 0.30	.1193						1	UNCH	
1220					9.30 + 0.40	.1679						20	UNCH	
1240					13.40 + 0.80	.2291						5	UNCH	
1250					16.00 + 0.80	.2629						5	UNCH	
1290					30.20 + 1.70	.4201						10	UNCH	
1300					35.70 + 1.90	.4620						1	UNCH	
1330					52.50 + 2.60	.5860						5	UNCH	
1355					69.20 + 3.10	.6800						10	UNCH	
TOTAL												72	0	
AUG19														
1120					4.40 + 0.20	.0668						25	UNCH	
1180					11.90 + 0.60	.1545						5	UNCH	
1215					18.60 + 1.00	.2291						5	UNCH	
1220					20.80 + 1.00	.2409						5	UNCH	
1225	24.20	24.20	24.20/24.20	24.20/24.20	22.20 NEW	.2532			18			18	+ 18	
1250					30.10 + 1.30	.3185						1	UNCH	
1300					51.70 + 2.10	.4625						200	UNCH	
TOTAL												18	259	+ 18
SEP19														
1100					8.20 + 0.30	.0917						2	UNCH	
1150					15.50 + 0.70	.1558						40	UNCH	
1200					26.90 + 1.10	.2415						25	UNCH	
1225					34.50 + 1.30	.2917						80	UNCH	
1250					43.60 + 1.60	.3458						150	UNCH	
1275					54.20 + 1.90	.4024						150	UNCH	
1310					71.70 + 2.40	.4829						5	UNCH	
1330					83.00 + 2.60	.5282						5	UNCH	
1400					129.60 + 3.30	.6718						100	UNCH	
1440					160.40 + 3.80	.7395						1	UNCH	
TOTAL												558	0	
DEC19														
1300					98.50 + 2.30	.4583						250	UNCH	
TOTAL												250	0	
PO CALL	PLATINUM OPTIONS													
JUL19														
810	10.20	10.20	10.20/*9.50A	10.20/*9.50A	9.20 - 2.30	.3866				1		2	+ 1	
825					5.00 - 1.60	.2404						52	UNCH	
840	3.00	3.00	3.00/*5.60A	3.00/*5.60A	2.80 NEW	.1442				80		80	+ 80	
850					1.90 - 0.90	.1011						52	UNCH	
855					1.60 - 0.80	.0856						11	UNCH	
860					1.40 - 0.60	.0743						428	UNCH	
870					1.00 - 0.50	.0535						10	UNCH	
875					0.90 - 0.40	.0474						20	UNCH	
880					0.80 - 0.30	.0417						756	UNCH	
885					0.70 - 0.30	.0363						3	UNCH	
890					0.60 - 0.30	.0311						10	UNCH	
895					0.50 - 0.30	.0261						5	UNCH	
900					0.50 - 0.20	.0252						750	UNCH	
910					0.40 - 0.20	.0198						9	UNCH	
915					0.30 - 0.20	.0153						1	UNCH	
920					0.30 - 0.20	.0148						104	UNCH	
925					0.30 - 0.10	.0144						5	UNCH	
930					0.30 - 0.10	.0140						1	UNCH	
950					0.20 - 0.10	.0091						49	UNCH	
975					0.10 - 0.10	.0038						4	UNCH	
1000					0.10 UNCH	.0012						16	UNCH	
TOTAL												81	2368	+ 81
AUG19														
815	15.40	15.40	16.50B/*14.90A	16.50B/*14.90A	15.80 NEW	.4329				40		40	+ 40	
820	14.90	14.90	14.90/*13.10A	14.90/*13.10A	13.90 - 1.80	.3953				240		680	+ 220	
830					10.60 - 1.50	.3243						6	UNCH	
840	8.20	8.20	8.20/*7.90A	8.20/*7.90A	8.10 NEW	.2623				15		15	+ 15	
855	5.60	5.60	5.60/*5.40A	5.60/*5.40A	5.30 NEW	.1854				20		20	+ 20	
900					1.60 - 0.50	.0631						5	UNCH	
905					1.40 - 0.40	.0557						5	UNCH	
910					1.20 - 0.40	.0485						5	UNCH	
915					1.10 - 0.40	.0442						3	UNCH	
975					0.30 - 0.10	.0122						1	UNCH	
TOTAL												315	780	+ 295
OCT19														
830					18.60 - 2.40	.3824						6	UNCH	
845					14.20 - 2.00	.3118						1	UNCH	
860					10.90 - 1.60	.2518						11	UNCH	
880					7.70 - 1.30	.1876						5	UNCH	
890					6.60 - 1.10	.1631						2	UNCH	
900					4.80 - 0.90	.1408						55	UNCH	
910					4.50 - 0.80	.1147						1	UNCH	
915					4.20 - 0.70	.1073						5	UNCH	
920					3.90 - 0.70	.1002						2	UNCH	
925					3.60 - 0.70	.0931						5	UNCH	
930					3.40 - 0.60	.0878						5	UNCH	
935					3.20 - 0.50	.0826						1	UNCH	
940					2.80 - 0.50	.0726						1004	UNCH	
950					1.50 - 0.30	.0393						1048	UNCH	
1000					0.90 - 0.20	.0233						1012	UNCH	
1050												3164	0	
TOTAL													3164	0
JAN20														
825					32.10 - 2.50	.4615						1	UNCH	
880	17.70	17.70	17.70/*17.20A	17.70/*17.20A	16.30 - 1.50	.2744				1		2	+ 1	
935					8.70 - 0.80	.1589						1	UNCH	
950					7.30 - 0.70	.1361						1	UNCH	
TOTAL												1	5	+ 1
PO PUT	PLATINUM OPTIONS													
JUL19														
730					0.60 UNCH	.0336						126	UNCH	
750					1.70 + 0.40	.0877						2	UNCH	
775	4.60	4.60	#5.00B/*4.60	#5.00B/*4.60	5.10 NEW	.2330				1		1	+ 1	
780	6.50	6.50	6.50/6.40A	6.50/6.40A	6.30 NEW	.2773				5		5	+ 5	
785					7.80 + 1.90	.3273						62	UNCH	
790					9.50 + 2.20	.3809						5	UNCH	
800					13.90 + 2.90	.4972						18	UNCH	
810														



PG64 BULLETIN # 99@		METALS OPTION PRODUCTS										Thu, May 23, 2019		PG64	
PO	PUT	OPEN	OUTCRY	GLOBEX	OPEN	OUTCRY	OPEN	OUTCRY	SETT. PRICE	DELTA	EXER	OPEN	GLOBEX	PNT	OPEN
		HIGH/LOW	HIGH/LOW	HIGH/LOW	HIGH/LOW	HIGH/LOW	HIGH/LOW	HIGH/LOW	& PT. CHGE.		CISES	OUTCRY	VOLUME	VOLUME	INTEREST
PLATINUM OPTIONS															
JUL19															
845									47.70 + 4.80	.8787					15 UNCH
850									52.40 + 5.00	.8984					129 UNCH
855									57.00 + 5.00	.9139					10 UNCH
865									66.60 + 5.20	.9359					10 UNCH
870									71.40 + 5.30	.9461					2 UNCH
885									86.10 + 5.50	.9634					6 UNCH
900									100.90 + 5.60	.9746					5 UNCH
960									160.50 + 5.70	.9917					11 UNCH
TOTAL													6		533 + 6
AUG19															
785	10.00	10.00		#11.50B/10.00	#11.50B/10.00				12.00 NEW	.3353			10		10 + 10
795				#15.50B/----	#15.50B/----				15.80 + 2.80	.4095					10 UNCH
805				#20.70B/----	#20.70B/----				20.40 + 3.20	.4876					10 UNCH
815	26.90	26.90		#26.90/23.80A	#26.90/23.80A				25.90 + 3.60	.5657			20		22 + 20
825									32.20 + 3.90	.6393					400 UNCH
860									59.60 + 4.80	.8344					1 UNCH
TOTAL													30		453 + 30
OCT19															
690									1.60 + 0.30	.0475					500 UNCH
740				7.10B/----	7.10B/----				7.00 + 0.80	.1677					5 UNCH
770				#14.20B/----	#14.20B/----				14.40 + 1.40	.2953					5 UNCH
780				#17.60B/----	#17.60B/----				17.90 + 1.80	.3460					5 UNCH
800				26.20B/----	26.20B/----				26.40 + 2.40	.4537					9 UNCH
815				#34.40B/----	#34.40B/----				34.30 + 2.80	.5363					5 UNCH
820				#37.60B/----	#37.60B/----				37.20 + 2.90	.5631					3 UNCH
825				#39.50B/----	#39.50B/----				40.30 + 3.00	.5895					800 UNCH
830									43.50 + 3.20	.6148					2 UNCH
840									50.40 + 3.50	.6633					400 UNCH
850									57.80 + 3.70	.7067					5 UNCH
880									82.40 + 4.30	.8101					17 UNCH
900									100.20 + 4.60	.8572					9 UNCH
905									104.80 + 4.70	.8666					5 UNCH
910									109.40 + 4.80	.8760					1 UNCH
920									118.70 + 4.90	.8910					5 UNCH
TOTAL															1776 0
JAN20															
740				12.70B/----	12.70B/----				13.60 + 1.00	.2161					1 UNCH
750				#15.10B/----	#15.10B/----				16.00 + 1.10	.2466					3 UNCH
810				#38.50B/----	#38.50B/----				38.50 + 2.20	.4727					15 UNCH
815				#40.60B/----	#40.60B/----				41.10 + 2.30	.4933					1 UNCH
840				#56.30B/----	#56.30B/----				55.90 + 2.80	.5921					11 UNCH
940				#137.30B/----	#137.30B/----				136.80 + 4.30	.8460					11 UNCH
TOTAL															42 0

OPTIONS EOO'S AND BLOCKS

PRODUCT	STRIKE PRICE	EEO VOLUME	BLOCK VOLUME
OG CALL COMEX GOLD OPTIONS			
JUN19 CALL			
OG	1280	0	100
OG	1290	0	200
TOTALS		0	300
JUL19 CALL			
OG	1310	0	384
TOTALS		0	384
AUG19 CALL			
OG	1300	0	150
TOTALS		0	150
NOV19 CALL			
OG	1310	0	400
TOTALS		0	400
DEC19 CALL			
OG	1295	0	50
OG	1305	0	150
OG	1400	0	100
OG	1550	0	50
TOTALS		0	350
JUN20 CALL			
OG	1450	0	950
TOTALS		0	950
OG PUT COMEX GOLD OPTIONS			
JUN19 PUT			
OG	1270	0	200
TOTALS		0	200
JUL19 PUT			
OG	1265	0	384
TOTALS		0	384
AUG19 PUT			
OG	1300	0	150
TOTALS		0	150
DEC19 PUT			
OG	1305	0	150
TOTALS		0	150
SO CALL COMEX SILVER OPTIONS			
DEC19 CALL			
SO	1475	0	50
SO	1700	0	100
TOTALS		0	150
SO PUT COMEX SILVER OPTIONS			
DEC19 PUT			
SO	1325	0	100
SO	1475	0	50
TOTALS		0	150
HX CALL COMEX COPPER OPTIONS			
DEC19 CALL			
HX	315	0	50
TOTALS		0	50
OG4 PUT GOLD OPTIONS			
MAY19 PUT			
OG4	1275	0	250
TOTALS		0	250
OG1 CALL GOLD OPTIONS			
JUN19 CALL			
OG1	1295	0	500
TOTALS		0	500