

PG64

BULLETIN # 19@

METALS OPTION PRODUCTS

Mon, Jan 30, 2023

PG64

THE CME GROUP DAILY BULLETIN ONLY DISPLAYS THOSE PRODUCTS/CONTRACT MONTHS THAT HAVE VOLUME AND/OR OPEN INTEREST. VOLUME INCLUDES GLOBEX (OPEN OUTCRY (TRADING FLOOR) AND PRIVATELY NEGOTIATED TRANSACTIONS (PNT) THAT INCLUDE CME CLEARPORT ACTIVITY. VOLUME OR OPEN INTEREST CHAN AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: PRIVATELY NEGOTIATED TRANSACTIONS, PRIOR DAY CLEARED TRADES, POSITION ADJUSTMENTS, 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 DURIN 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 PREVIOU DAY’S SETTLEMENT PRICE.

METAL FUTURES CONTRACTS LAST TRADE DATES														
EXPIRATION:	JAN23	JAN23	JAN23	FEB23	MAR23	APR23	MAY23	JUN23	JUL23	AUG23	SEP23	OCT23	NOV23	DEC23
AX OPT					02/23	03/28								
ECGC OOF		01/27	01/30											
ECHG OOF		01/27	01/30											
ECSI OOF		01/27	01/30											
GMW MON	01/30			02/27										
GWW WED				02/22										
HMW MON	01/30			02/27										
HRO OPT				02/21	03/28	04/25	05/30	06/27	07/25	08/29	09/26	10/24	11/28	12/26
HWW WED				02/22										
HX CALL					02/23	03/28	04/25	05/25	06/27	07/26	08/28	09/26	10/26	11/27
HX PUT					02/23	03/28	04/25	05/25	06/27	07/26	08/28	09/26	10/26	11/27
HXE CALL	01/27			02/17										
HXE PUT	01/27			02/17										
OG CALL					02/23	03/28	04/25	05/25	06/27	07/26	08/28	09/26	10/26	11/27
OG PUT					02/23	03/28	04/25	05/25	06/27	07/26	08/28	09/26	10/26	11/27
OG1 CALL				02/03										
OG1 PUT				02/03										
OG2 CALL				02/10										
OG2 PUT				02/10										
OG3 CALL				02/17										
OG3 PUT				02/17										
OG4 CALL	01/27													
OG4 PUT	01/27			02/24										
PAO CALL					02/15			05/17						
PAO PUT						03/15		05/17			08/16			
PO CALL					02/15	03/15			06/21			09/20		
PO PUT					02/15	03/15	04/19		06/21					
SMW MON	01/30			02/27										
SO CALL					02/23	03/28	04/25	05/25	06/27		08/28			11/27
SO PUT					02/23	03/28	04/25	05/25	06/27		08/28			11/27
SO1 CALL				02/03										
SO1 PUT				02/03										
SO2 CALL				02/10										
SO2 PUT				02/10										
SO3 CALL				02/17										
SO3 PUT				02/17										
SO4 CALL	01/27			02/24										
SO4 PUT	01/27													
SWW WED				02/22										

GOLD OPTIONS ON FUTURES

	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
OG4 PUT	GOLD OPTIONS														
JAN23															
1875	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1885	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1890	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1905	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1910	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1915	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1920	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1925	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1930	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1935	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1940	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1945	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1950	----	----		----	----		----		4.40	UNCH	----	----	----	----	0 UNCH
1955	----	----		----	----		----		9.40	UNCH	----	----	----	----	0 UNCH
1960	----	----		----	----		----		14.40	UNCH	----	----	----	----	0 UNCH
1965	----	----		----	----		----		19.40	UNCH	----	----	----	----	0 UNCH
1970	----	----		----	----		----		24.40	UNCH	----	----	----	----	0 UNCH
1975	----	----		----	----		----		29.40	UNCH	----	----	----	----	0 UNCH
1980	----	----		----	----		----		34.40	UNCH	----	----	----	----	0 UNCH
TOTAL															0 0
FEB23															
1745	0.30	0.30		#0.30/*0.30	#0.30/*0.30		----		0.40	NEW	.0110	----	2	----	2 + 2
1800	1.30	1.30		#1.30/*1.30	#1.30/*1.30		----		1.20	NEW	.0337	----	1 3	----	1 + 1 3
TOTAL															
	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
OG4 CALL	GOLD OPTIONS														
JAN23															
1795	----	----		----	----		----		150.60	UNCH	----	----	----	----	0 UNCH
1800	----	----		----	----		----		145.60	UNCH	----	----	----	----	0 UNCH
1805	----	----		----	----		----		140.60	UNCH	----	----	----	----	0 UNCH
1815	----	----		----	----		----		130.60	UNCH	----	----	----	----	0 UNCH
1820	----	----		----	----		----		125.60	UNCH	----	----	----	----	0 UNCH
1840	----	----		----	----		----		105.60	UNCH	----	----	----	----	0 UNCH
1845	----	----		----	----		----		100.60	UNCH	----	----	----	----	0 UNCH
1850	----	----		----	----		----		95.60	UNCH	----	----	----	----	0 UNCH
1870	----	----		----	----		----		75.60	UNCH	----	----	----	----	0 UNCH
1880	----	----		----	----		----		65.60	UNCH	----	----	----	----	0 UNCH
1885	----	----		----	----		----		60.60	UNCH	----	----	----	----	0 UNCH
1890	----	----		----	----		----		55.60	UNCH	----	----	----	----	0 UNCH
1895	----	----		----	----		----		50.60	UNCH	----	----	----	----	0 UNCH
1900	----	----		----	----		----		45.60	UNCH	----	----	----	----	0 UNCH
1905	----	----		----	----		----		40.60	UNCH	----	----	----	----	0 UNCH
1910	----	----		----	----		----		35.60	UNCH	----	----	----	----	0 UNCH
1915	----	----		----	----		----		30.60	UNCH	----	----	----	----	0 UNCH
1920	----	----		----	----		----		25.60	UNCH	----	----	----	----	0 UNCH
1925	----	----		----	----		----		20.60	UNCH	----	----	----	----	0 UNCH
1930	----	----		----	----		----		15.60	UNCH	----	----	----	----	0 UNCH
1935	----	----		----	----		----		10.60	UNCH	----	----	----	----	0 UNCH
1940	----	----		----	----		----		5.60	UNCH	----	----	----	----	0 UNCH
1945	----	----		----	----		----		0.60	UNCH	----	----	----	----	0 UNCH
1950	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1955	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1960	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1965	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1970	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1975	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1980	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1985	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1990	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
1995	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
2000	----	----		----	----		----		0.00	UNCH	----	----	----	----	0 UNCH
TOTAL															0 0

OG3 PUT

GOLD OPTIONS

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.
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BULLETIN # 19@				METALS OPTION PRODUCTS								Mon, Jan 30, 2023				PG64	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	OPEN CLOSE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
OG2 CALL	GOLD OPTIONS																
FEB23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
1820	----	----	----	128.60B/117.30A	128.60B/117.30A	----	----	----	119.50 - 6.40	.9853	----	----	----	----	147 UNCH		
1870	72.00	72.00	----	80.10B/69.10A	80.10B/69.10A	----	----	----	71.30 NEW .9199	----	----	----	1	----	1 + 1		
1880	----	----	----	70.70B/60.10A	70.70B/60.10A	----	----	----	62.30 - 6.40 .8873	----	----	----	----	----	1 UNCH		
1900	----	----	----	53.30B/43.40A	53.30B/43.40A	----	----	----	45.50 - 6.00 .7950	----	----	----	----	----	2 UNCH		
1905	----	----	----	49.10B/39.60A	49.10B/39.60A	----	----	----	41.60 - 5.80 .7653	----	----	----	----	----	12 UNCH		
1910	----	----	----	45.10B/35.90A	45.10B/35.90A	----	----	----	37.80 - 5.80 .7324	----	----	----	----	----	2 UNCH		
1915	----	----	----	41.30B/32.50A	41.30B/32.50A	----	----	----	34.20 - 5.60 .6979	----	----	----	----	----	36 UNCH		
1925	31.50	31.50	----	34.10B/26.10A	34.10B/26.10A	----	----	----	27.70 NEW .6220	----	----	3	----	----	3 + 3		
1930	24.90	24.90	----	30.80B/23.30A	30.80B/23.30A	----	----	----	24.70 - 5.00 .5815	----	----	2	----	----	7 + 2		
1935	22.10	22.10	----	27.90B/20.70A	27.90B/20.70A	----	----	----	21.90 - 4.80 .5400	----	----	2	----	----	8 UNCH		
1940	20.10	20.10	----	25.40B/18.30A	25.40B/18.30A	----	----	----	19.40 - 4.50 .4980	----	----	15	----	----	21 + 12		
1945	----	----	----	22.70B/16.10A	22.70B/16.10A	----	----	----	17.10 - 4.30 .4563	----	----	6	----	----	23 + 3		
1950	17.50	17.50	----	20.20B/14.10A	20.20B/14.10A	----	----	----	15.00 - 4.00 .4153	----	----	110	----	----	460 + 98		
1955	----	----	----	17.90B/12.30A	17.90B/12.30A	----	----	----	13.10 - 3.70 .3756	----	----	----	----	----	28 UNCH		
1960	----	----	----	15.80B/10.70A	15.80B/10.70A	----	----	----	11.40 - 3.50 .3376	----	----	----	----	----	20 - 1		
1965	----	----	----	13.90B/9.30A	13.90B/9.30A	----	----	----	9.90 - 3.20 .3018	----	----	1	----	----	12 UNCH		
1970	----	----	----	12.20B/*8.00A	12.20B/*8.00A	----	----	----	8.60 - 2.90 .2687	----	----	2	----	----	93 + 1		
1975	----	----	----	10.60B/*6.90A	10.60B/*6.90A	----	----	----	7.40 - 2.70 .2374	----	----	----	----	----	13 UNCH		
1980	----	----	----	9.30B/*6.00A	9.30B/*6.00A	----	----	----	6.40 - 2.40 .2094	----	----	1	----	----	25 + 1		
1985	----	----	----	8.10B/*5.20A	8.10B/*5.20A	----	----	----	5.50 - 2.20 .1836	----	----	----	----	----	3 UNCH		
1990	----	----	----	7.00B/*4.50A	7.00B/*4.50A	----	----	----	4.70 - 2.00 .1600	----	----	----	----	----	12 UNCH		
1995	----	----	----	6.00B/*3.90A	6.00B/*3.90A	----	----	----	4.10 - 1.70 .1407	----	----	----	----	----	29 UNCH		
2000	----	----	----	5.20B/*3.30A	5.20B/*3.30A	----	----	----	3.50 - 1.60 .1220	----	----	----	----	----	66 UNCH		
2005	----	----	----	4.50B/*2.90A	4.50B/*2.90A	----	----	----	3.00 - 1.40 .1057	----	----	----	----	----	28 UNCH		
2010	----	----	----	3.90B/*2.50A	3.90B/*2.50A	----	----	----	2.60 - 1.20 .0921	----	----	----	----	----	101 UNCH		
2015	----	----	----	3.40B/*2.20A	3.40B/*2.20A	----	----	----	2.30 - 1.00 .0813	----	----	----	----	----	1 UNCH		
2020	----	----	----	----/*1.90A	----/*1.90A	----	----	----	2.00 - 0.90 .0709	----	----	----	----	----	13 UNCH		
2025	----	----	----	----/*1.60A	----/*1.60A	----	----	----	1.70 - 0.80 .0608	----	----	----	----	----	9 UNCH		
2035	----	----	----	----/*1.30A	----/*1.30A	----	----	----	1.30 - 0.70 .0464	----	----	----	----	----	13 UNCH		
2040	1.30	1.30	----	1.30/*1.10A	1.30/*1.10A	----	----	----	1.20 NEW .0421	----	----	7	----	----	7 + 7		
2045	----	----	----	----/*1.00A	----/*1.00A	----	----	----	1.00 - 0.50 .0354	----	----	----	----	----	20 UNCH		
2050	----	----	----	----/*0.90A	----/*0.90A	----	----	----	0.90 - 0.50 .0316	----	----	----	----	----	11 UNCH		
2055	----	----	----	----/*0.80A	----/*0.80A	----	----	----	0.80 - 0.40 .0279	----	----	----	----	----	22 UNCH		
2060	0.70	0.70	----	0.70/*0.60A	0.70/*0.60A	----	----	----	0.70 - 0.40 .0243	----	----	28	----	----	40 + 28		
2065	0.60	0.60	----	0.60/*0.60	0.60/*0.60	----	----	----	0.60 - 0.40 .0209	----	----	1	----	----	3 + 1		
2070	----	----	----	----/*0.60A	----/*0.60A	----	----	----	0.50 - 0.40 .0175	----	----	----	----	----	10 UNCH		
2075	----	----	----	----/*0.50A	----/*0.50A	----	----	----	0.50 - 0.30 .0170	----	----	----	----	----	10 UNCH		
2080	0.40	0.40	----	0.40/*0.40	0.40/*0.40	----	----	----	0.40 - 0.30 .0137	----	----	5	----	----	7 + 5		
2085	0.40	0.40	----	0.40/*0.40	0.40/*0.40	----	----	----	0.40 NEW .0134	----	----	12	----	----	12 + 12		
2090	0.30	0.30	----	0.30/*0.30	0.30/*0.30	----	----	----	0.30 NEW .0102	----	----	1	----	----	1 + 1		
2095	----	----	----	----/*0.40A	----/*0.40A	----	----	----	0.30 - 0.30 .0100	----	----	----	----	----	6 UNCH		
2105	----	----	----	----/*0.30A	----/*0.30A	----	----	----	0.20 - 0.30 .0067	----	----	----	----	----	2 UNCH		
2110	----	----	----	----/*0.30A	----/*0.30A	----	----	----	0.20 - 0.20 .0065	----	----	----	----	----	11 UNCH		
2115	----	----	----	----/*0.30A	----/*0.30A	----	----	----	0.20 - 0.20 .0064	----	----	----	----	----	6 UNCH		
2120	----	----	----	----/*0.30A	----/*0.30A	----	----	----	0.20 - 0.20 .0062	----	----	----	----	----	10 UNCH		
2125	----	----	----	----/0.30A	----/0.30A	----	----	----	0.20 - 0.20 .0061	----	----	----	----	----	27 UNCH		
2130	----	----	----	----	----	----	----	----	0.10 - 0.20 .0032	----	----	----	----	----	10 UNCH		
2140	----	----	----	----	----	----	----	----	0.10 - 0.20 .0021	----	----	----	----	----	30 UNCH		
2145	----	----	----	----/*0.20A	----/*0.20A	----	----	----	0.10 - 0.20 .0017	----	----	----	----	----	2 UNCH		
2160	----	----	----	----	----	----	----	----	0.10 - 0.10 .0008	----	----	----	----	----	50 UNCH		
TOTAL													197		1486 + 174		
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	OPEN CLOSE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
OG1 PUT	GOLD OPTIONS																
FEB23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		
1690	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	40 UNCH		
1705	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	2 UNCH		
1710	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	2 UNCH		
1715	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	14 UNCH		
1720	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	12 UNCH		
1725	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	1 UNCH		
1730	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	6 UNCH		
1740	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	9 UNCH		
1745	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	11 UNCH		
1750	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	24 UNCH		
1755	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	69 UNCH		
1760	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	21 UNCH		
1765	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	43 UNCH		
1775	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	7 UNCH		
1780	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	3 UNCH		
1785	----	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	1 UNCH		
1790	----	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	2 UNCH		
1795	----	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	14 UNCH		
1800	----	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	116 UNCH		
1805	----	----	----	----	----	----	----	----	0.10 UNCH	.0001	----	----	----	----	21 UNCH		
1810	0.10	0.10	----	0.10/*0.10	0.10/*0.10	----	----	----	0.10 UNCH	.0001	----	----					

BULLETIN # 19@										METALS OPTION PRODUCTS										Mon, Jan 30, 2023										PG64				
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE		SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME		OPEN INTEREST																		
OG1 CALL	GOLD OPTIONS																																	
FEB23																																		
1930	23.50	23.50		26.50B/18.50A	26.50B/18.50A	----			19.90 - 5.50	.6121	----	----	1	----		136	UNCH																	
1935	19.50	19.50		23.40B/15.80A	23.40B/15.80A	----			17.00 - 5.30	.5536	----	----	10	----		44	+	7																
1940	15.30	15.30		21.00B/13.40A	21.00B/13.40A	----			14.50 - 4.90	.4938	----	----	154	----		236	+	62																
1945	17.20	17.20		18.20B/11.20A	18.20B/11.20A	----			12.20 - 4.60	.4345	----	----	161	----		126	+	56																
1950	13.50	13.50		15.60B/9.30A	15.60B/9.30A	----			10.20 - 4.20	.3771	----	----	177	----		1105	+	159																
1955	10.30	10.30		13.30B/*7.70A	13.30B/*7.70A	----			8.40 - 3.90	.3222	----	----	34	----		52	+	21																
1960	10.10	10.10		11.40B/*6.30A	11.40B/*6.30A	----			6.90 - 3.60	.2719	----	----	11	----		108	UNCH																	
1965	7.90	7.90		9.60B/*5.20A	9.60B/*5.20A	----			5.70 - 3.10	.2279	----	----	220	----		242	+	194																
1970	6.70	6.70		8.00B/*4.20A	8.00B/*4.20A	----			4.60 - 2.80	.1872	----	----	304	----		160	+	102																
1975	4.90	4.90		6.70B/*3.40A	6.70B/*3.40A	----			3.70 - 2.50	.1523	----	----	38	----		174	+	34																
1980	5.50	5.50		5.50/*2.70	5.50/*2.70	----			3.00 - 2.20	.1235	----	----	52	----		69	+	16																
1985	4.10	4.10		4.60B/*2.20	4.60B/*2.20	----			2.40 - 1.90	.0987	----	----	39	----		70	-	8																
1990	2.80	2.80		3.70B/*1.80A	3.70B/*1.80A	----			1.90 - 1.70	.0779	----	----	17	----		135	+	6																
1995	----	----		3.20B/*1.50A	3.20B/*1.50A	----			1.60 - 1.40	.0641	----	----	----	----		31	UNCH																	
2000	2.10	2.10		2.50B/*1.20A	2.50B/*1.20A	----			1.20 - 1.30	.0480	----	----	33	----		1036	-	1																
2005	1.40	1.40		1.40/*1.00A	1.40/*1.00A	----			1.00 - 1.10	.0389	----	----	13	----		135	+	12																
2010	1.60	1.60		1.70B/*0.80A	1.70B/*0.80A	----			0.80 - 0.90	.0305	----	----	1	----		108	+	1																
2015	0.80	0.80		0.80/*0.60A	0.80/*0.60A	----			0.60 - 0.90	.0225	----	----	24	----		27	+	14																
2020	0.40	0.40		0.40/*0.40	0.40/*0.40	----			0.50 - 0.70	.0182	----	----	8	----		113	+	5																
2025	0.50	0.50		0.50/*0.40	0.50/*0.40	----			0.40 - 0.60	.0141	----	----	138	----		164	+	111																
2030	0.30	0.30		0.30/*0.30	0.30/*0.30	----			0.30 - 0.60	.0103	----	----	13	----		32	-	1																
2035	0.20	0.20		0.20/*0.20	0.20/*0.20	----			0.20 - 0.50	.0067	----	----	241	----		253	+	239																
2040	----	----		----	----	----			0.20 - 0.40	.0064	----	----	21	----		87	+	12																
2045	0.20	0.20		0.20/*0.20	0.20/*0.20	----			0.10 - 0.40	.0031	----	----	14	----		94	-	2																
2050	0.30	0.30		0.30/*0.20A	0.30/*0.20A	----			0.10 - 0.30	.0021	----	----	2	----		78	+	2																
2055	0.20	0.20		0.20/*0.20	0.20/*0.20	----			0.10 - 0.30	.0014	----	----	25	----		138	+	25																
2060	0.20	0.20		0.20/*0.10	0.20/*0.10	----			0.10 - 0.20	.0009	----	----	23	----		186	+	17																
2065	----	----		----	----	----			0.10 - 0.20	.0006	----	----	----	----		130	UNCH																	
2070	----	----		----	----	----			0.10 - 0.10	.0003	----	----	----	----		328	UNCH																	
2075	----	----		----	----	----			0.10 - 0.10	.0002	----	----	----	----		71	UNCH																	
2080	0.10	0.10		0.10/*0.10	0.10/*0.10	----			0.10 - 0.10	.0001	----	----	50	----		56	UNCH																	
2085	0.10	0.10		0.10/*0.10	0.10/*0.10	----			0.10 UNCH	.0000	----	----	85	----		122	+	70																
2090	0.10	0.10		0.10/*0.10	0.10/*0.10	----			0.10 UNCH	.0000	----	----	120	----		122	+	120																
2095	----	----		----	----	----			0.10 UNCH	.0000	----	----	----	----		10	UNCH																	
2100	----	----		----	----	----			0.10 UNCH	.0000	----	----	----	----		773	UNCH																	
2105	----	----		----	----	----			0.10 UNCH	.0000	----	----	----	----		7	UNCH																	
2110	0.10	0.10		0.10/*0.10	0.10/*0.10	----			0.10 UNCH	.0000	----	----	13	----		19	-	6																
2120	----	----		----	----	----			0.10 UNCH	----	----	----	----	----		33	UNCH																	
2130	----	----		----	----	----			0.10 UNCH	----	----	----	----	----		17	UNCH																	
2140	----	----		----	----	----			0.10 UNCH	----	----	----	----	----		5	UNCH																	
2145	----	----		----	----	----			0.10 UNCH	----	----	----	----	----		110	UNCH																	
TOTAL													2071			7233	+	1276																
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE		SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME		OPEN INTEREST																		
OG PUT	COMEX GOLD OPTIONS																																	
MAR23																														</				

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	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									
OG PUT	COMEX GOLD OPTIONS																						
APR23																							
1690	----	----	----	----	----	----	----	1.00 + 0.10	.0184	----	----	1	----	106	UNCH								
1695	----	----	----	----	----	----	----	1.00 UNCH	.0187	----	----	----	----	93	UNCH								
1700	1.20	1.20		1.20/1.10	1.20/1.10	----	----	1.10 UNCH	.0205	----	----	14	----	2251	-	10							
1705	1.20	1.20		1.20/1.20	1.20/1.20	----	----	1.20 UNCH	.0223	----	----	4	----	222	-	1							
1710	----	----	----	1.30B/----	1.30B/----	----	----	1.30 + 0.10	.0241	----	----	----	----	1059	UNCH								
1715	----	----	----	1.40B/----	1.40B/----	----	----	1.40 + 0.10	.0260	----	----	----	----	273	UNCH								
1720	----	----	----	1.60B/----	1.60B/----	----	----	1.50 UNCH	.0278	----	----	----	----	68	UNCH								
1725	----	----	----	1.70B/----	1.70B/----	----	----	1.60 UNCH	.0298	----	----	10	----	320	+	1							
1730	----	----	----	1.90B/----	1.90B/----	----	----	1.70 UNCH	.0317	----	----	7	----	202	+	1							
1735	1.70	1.70		2.00B/*1.70	2.00B/*1.70	----	----	1.90 UNCH	.0351	----	----	1	----	50	+	5							
1740	2.00	2.00		2.20B/2.00	2.20B/2.00	----	----	2.10 UNCH	.0385	----	----	3	----	193	+	2							
1745	----	----	----	2.40B/2.20A	2.40B/2.20A	----	----	2.30 UNCH	.0419	----	----	20	----	68	+	12							
1750	2.70	2.70		2.70/2.30A	2.70/2.30A	----	----	2.50 UNCH	.0453	----	----	163	----	3452	-	13							
1755	----	----	----	2.90B/2.50A	2.90B/2.50A	----	----	2.70 UNCH	.0488	----	----	2	----	92	+	1							
1760	3.00	3.00		3.10B/2.80A	3.10B/2.80A	----	----	2.90 UNCH	.0523	----	----	6	----	155	-	4							
1765	3.30	3.30		3.40B/3.00A	3.40B/3.00A	----	----	3.20 UNCH	.0572	----	----	2	----	44	+	2							
1770	3.50	3.50		3.70B/3.20A	3.70B/3.20A	----	----	3.40 UNCH	.0608	----	----	3	----	142	UNCH								
1775	3.80	3.80		4.10B/3.50A	4.10B/3.50A	----	----	3.70 UNCH	.0658	----	----	101	----	679	+	101							
1780	4.10	4.10		4.40B/3.80A	4.40B/3.80A	----	----	4.00 UNCH	.0708	----	----	20	----	308	+	1							
1785	----	----	----	4.80B/4.10A	4.80B/4.10A	----	----	4.40 UNCH	.0770	----	----	2	----	144	+	2							
1790	5.00	5.00		5.20B/4.50A	5.20B/4.50A	----	----	4.80 UNCH	.0833	----	----	133	----	258	+	81							
1795	----	----	----	5.70B/4.90A	5.70B/4.90A	----	----	5.20 UNCH	.0896	----	----	6	----	89	-	1							
1800	5.80	5.80		6.20B/5.30A	6.20B/5.30A	----	----	5.60 UNCH	.0961	----	----	423	----	3469	+	322							
1805	6.00	6.00		6.70B/5.70A	6.70B/5.70A	----	----	6.10 UNCH	.1036	----	----	1	----	308	UNCH								
1810	6.70	6.70		7.20B/6.20A	7.20B/6.20A	----	----	6.60 UNCH	.1113	----	----	3	----	284	+	2							
1815	7.10	7.10		7.80B/6.70A	7.80B/6.70A	----	----	7.20 + 0.10	.1200	----	----	19	----	238	UNCH								
1820	7.90	7.90		8.50B/7.30A	8.50B/7.30A	----	----	7.80 + 0.10	.1288	----	----	33	----	700	+	25							
1825	7.90	7.90		9.30B/7.90	9.30B/7.90	----	----	8.40 UNCH	.1376	----	----	58	----	576	-	30							
1830	----	----	----	10.00B/8.50A	10.00B/8.50A	----	----	9.10 + 0.10	.1475	----	----	----	----	238	UNCH								
1835	----	----	----	10.80B/9.20A	10.80B/9.20A	----	----	9.90 + 0.10	.1584	----	----	1	----	370	UNCH								
1840	10.20	10.20		11.60B/9.90A	11.60B/9.90A	----	----	10.70 + 0.20	.1693	----	----	101	----	595	+	87							
1845	11.60	11.60		12.50B/10.80A	12.50B/10.80A	----	----	11.50 + 0.10	.1803	----	----	16	----	95	+	10							
1850	13.20	13.20		13.50B/11.50A	13.50B/11.50A	----	----	12.50 + 0.20	.1930	----	----	249	----	3445	+	169							
1855	----	----	----	14.50B/12.40A	14.50B/12.40A	----	----	13.50 + 0.20	.2057	----	----	----	----	347	-	1							
1860	14.30	14.30		15.70B/13.40A	15.70B/13.40A	----	----	14.60 + 0.30	.2192	----	----	306	----	1389	-	151							
1865	----	----	----	17.00B/14.40A	17.00B/14.40A	----	----	15.70 + 0.30	.2328	----	----	----	----	121	UNCH								
1870	16.60	16.60		18.10B/15.50A	18.10B/15.50A	----	----	17.00 + 0.50	.2477	----	----	14	----	484	-	15							
1875	----	----	----	19.60B/16.70A	19.60B/16.70A	----	----	18.30 + 0.50	.2626	----	----	13	----	582	+	13							
1880	----	----	----	21.10B/17.90A	21.10B/17.90A	----	----	19.60 + 0.50	.2777	----	----	1	----	518	UNCH								
1885	20.50	20.50		22.60B/19.20A	22.60B/19.20A	----	----	21.10 + 0.60	.2938	----	----	27	----	656	-	11							
1890	21.50	21.50		24.20B/20.70A	24.20B/20.70A	----	----	22.70 + 0.70	.3104	----	----	6	----	445	+	4							
1895	----	----	----	25.90B/22.20A	25.90B/22.20A	----	----	24.30 + 0.70	.3271	----	----	----	----	31	UNCH								
1900	26.50	26.50		27.70B/23.80A	27.70B/23.80A	----	----	26.10 + 0.80	.3446	----	----	22	850	1651	+	846							
1905	----	----	----	29.60B/25.50A	29.60B/25.50A	----	----	27.90 + 0.80	.3621	----	----	----	----	115	UNCH								
1910	29.10	29.10		31.60B/27.30A	31.60B/27.30A	----	----	29.90 + 1.00	.3802	----	----	4	----	250	UNCH								
1915	31.10	31.10		33.70B/29.10A	33.70B/29.10A	----	----	32.00 + 1.10	.3984	----	----	27	----	71	-	7							
1920	33.70	33.70		35.90B/31.00A	35.90B/31.00A	----	----	34.10 + 1.20	.4168	----	----	1	----	83	+	1							
1925	35.40	35.40		38.30B/33.20A	38.30B/33.20A	----	----	36.40 + 1.30	.4354	----	----	2	----	468	+	1							
1930	37.50	37.50		40.70B/35.40A	40.70B/35.40A	----	----	38.70 + 1.40	.4539	----	----	7	----	343	+	1							
1935	40.60	40.60		43.20B/37.60A	43.20B/37.60A	----	----	41.10 + 1.40	.4726	----	----	13	----	135	UNCH								
1940	42.10	42.10		45.80B/40.00A	45.80B/40.00A	----	----	43.70 + 1.60	.4913	----	----	208	----	928	+	205							
1945	----	----	----	48.60B/42.40A	48.60B/42.40A	----	----	46.30 + 1.70	.5099	----	----	81	----	81	UNCH								
1950	46.30	46.30		51.50B/45.00A	51.50B/45.00A	----	----	49.10 + 1.80	.5283	----	----	5	----	460	+	5							
1955	----	----	----	54.20B/47.70A	54.20B/47.70A	----	----	52.00 + 2.00	.5466	----	----	----	----	32	UNCH								
1960	53.50	53.50		57.20B/50.40A	57.20B/50.40A	----	----	54.90 + 2.10	.5645	----	----	1	----	359	UNCH								
1965	----	----	----	60.30B/53.20A	60.30B/53.20A	----	----	58.00 + 2.30	.5822	----	----	----	----	240	UNCH								
1970	----	----	----	63.50B/56.30A	63.50B/56.30A	----	----	61.20 + 2.50	.5995	----	----	----	----	20	UNCH								
1975	----	----	----	66.80B/59.30A	66.80B/59.30A	----	----	64.40 + 2.60	.6168	----	----	----	----	29	UNCH								
1980	----	----	----	70.10B/62.90A	70.10B/62.90A	----	----	67.70 + 2.70	.6332	----	----	----	----	22	UNCH								
1985	----	----	----	73.60B/66.10A	73.60B/66.10A	----	----	71.10 + 2.80	.6496	----	----	----	----	7	UNCH								
1990	----	----	----	77.10B/69.40A	77.10B/69.40A	----	----	74.60 + 3.00	.6655	----	----	----	----	11	UNCH								
1995	----	----	----	80.70B/73.00A	80.70B/73.00A	----	----	78.10 + 3.00	.6808	----	----	----	----	47	UNCH								
2000	----	----	----	84.40B/76.50A	84.40B/76.50A	----	----	81.80 + 3.20	.6961	----	----	----	----	82	UNCH								
2005	----	----	----	88.10B/80.00A	88.10B/80.00A	----	----	85.50 + 3.40	.7102	----	----	----	----	12	UNCH								
2010	----	----	----	91.90B/83.60A	91.90B/83.60A	----	----	89.30 + 3.50	.7241	----	----	----	----	27	UNCH								
2015	----	----	----	95.80B/87.30A	95.80B/87.30A	----	----	93.10 + 3.60	.7374	----	----	----	----	21	UNCH								
2020	----	----	----	99.70B/91.20A	99.70B/91.20A	----	----	97.10 + 3.80	.7506	----	----	----	----	43	UNCH								
2025	----	----	----	103.70B/95.00A	103.70B/95.00A	----	----	101.00 + 3.80	.7631	----	----	----	----	243	UNCH								
2030	----	----	----	107.80B/98.90A	107.80B/98.90A	----	----	105.10 + 4.00	.7747	----	----	----	----	22	UNCH								
2035	----	----	----	111.90B/102.90A	111.90B/102.90A	----	----	109.20 + 4.10	.7862	----	----	----	----	11	UNCH								
2040	----	----	----	116.00B/106.90A	116.00B/106.90A	----	----	113.40 + 4.30	.7969	----	----	----	----	16	UNCH								
2045	----	----	----	120.30B/111.00A	120.30B/111.00A	----	----	117.60 + 4.40	.8075	----	----	----	----	34	UNCH								
2050	113.00	113.00		124.50B/113.00	124.50B/113.00	----	----	121.80 + 4.40	.8172	----	----	2	----	20	UNCH								
2055	----	----	----	128.80B/119.20A	128.80B/119.20A	----	----	126.10 + 4.50	.8268	----	----	----	----	18	UNCH								
2060	----	----	----	133.20B/123.40A	133.20B/123.40A	----	----	130.50 + 4.70	.8354	----	----	----	----	22	UNCH								
2065	----	----	----	137.60B/127.70A	137.60B/127.70A	----	----	134.90 + 4.80	.8439	----	----	----	----	12	UNCH								
2070	----	----	----	142.00B/132.00A	142.00B/132.00A	----	----	139.30 + 4.80	.8515	----	----	----	----	16	UNCH								
2075	----	----	----	146.50B/136.40A	146.50B/136.40A	----	----	143.70 + 4.80	.8598	----	----	----	----	10	UNCH								
2080	----	----	----	151.00B/140.80A	151.00B/140.80A	----	----	148.20 + 4.90	.8662	----	----	5	----	5	UNCH								
2085	----	----	----	155.50B/145.20A	155.50B/145.20A	----	----	152.80 + 5.10	.8735	----	----	----	----	8	UNCH								
2090	----	----	----	160.10B/149.70A	160.10B/149.70A	----	----	157.30 + 5.10	.8797	----	----	----	----	7	UNCH								
2095	----	----	----	164.70B/154.20A	164.70B/154.20A	----	----	161.90 + 5.20	.8858	----	----	----	----	11	UNCH								
2100	----	----	----	169.30B/158.70A	169.30B/158.70A	----	----	166.50 + 5.20	.8919	----	----	----	----	18	UNCH								
2105	----	----	----	173.90B/163.30A	173.90B/163.30A	----	----	171.20 + 5.30	.8968	----	----	----	----	16	UNCH								
2110	----	----	----	178.60B/167.90A	178.60B/167.90A	----	----	175.80 + 5.30	.9028	----	----	----	----	6	UNCH								
2115	----	----	----	182.50B/172.60A	182.50B/172.60A	----	----	180.50 + 5.40	.9076	----	----	----	----	5	UNCH								
2120	----	----	----	187.30B/177.30A	187.30B/177.30A	----	----	185.20 + 5.50	.9123	----	----	----	----	6	UNCH								
2125	----	----	----	192.70B/181																			

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	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				
OG PUT	COMEX GOLD OPTIONS															
MAY23	----	----	----	----	----	0.50	UNCH	----	----	----	----	24	UNCH			
1555	----	----	----	----	----	0.50	UNCH	----	----	----	----	31	UNCH			
1560	----	----	----	----	----	0.50	UNCH	----	----	----	----	2	UNCH			
1565	----	----	----	----	----	0.50	UNCH	----	----	----	----	50	UNCH			
1570	----	----	----	----	----	0.50	UNCH	----	----	----	----	7	UNCH			
1575	----	----	----	----	----	0.60	UNCH	----	----	----	----	44	- 2			
1580	----	----	----	----	----	0.60	UNCH	----	----	----	----	13	UNCH			
1585	----	----	----	----	----	0.60	UNCH	----	----	----	----	35	UNCH			
1590	----	----	----	----	----	0.70	UNCH	----	----	1	----	1	- 1			
1595	----	----	----	----	----	0.70	UNCH	----	----	----	----	32	- 1			
1600	----	----	----	----	----	0.70	UNCH	----	----	----	----	7	UNCH			
1605	0.70	0.70	0.70/*0.70	0.70/*0.70	----	0.80	UNCH	----	----	11	----	120	UNCH			
1610	----	----	----	----	----	0.80	UNCH	----	----	----	----	2	UNCH			
1615	----	----	----	----	----	0.90 +	0.10	----	----	----	----	19	UNCH			
1620	----	----	----	----	----	0.90	UNCH	----	----	2	----	135	UNCH			
1625	1.10	1.10	1.10/1.10	1.10/1.10	----	1.00	UNCH	----	----	2	----	66	- 2			
1630	1.00	1.00	1.00/*1.00	1.00/*1.00	----	1.00	UNCH	----	----	1	----	5	+ 1			
1635	----	----	----	----	----	1.10	UNCH	----	----	----	----	6	UNCH			
1640	----	----	----	----	----	1.10	UNCH	----	----	----	----	45	UNCH			
1645	1.30	1.30	1.30/1.30	1.30/1.30	----	1.20	UNCH	----	----	3	----	691	- 5			
1650	----	----	----	----	----	1.30	UNCH	----	----	----	----	61	- 1			
1655	----	----	----	----	----	1.40	UNCH	----	----	----	----	37	UNCH			
1660	----	----	----	----	----	1.50	UNCH	----	----	----	----	109	UNCH			
1665	----	----	----	----	----	1.60	UNCH	----	----	2	----	29	- 2			
1670	----	----	----	----	----	1.70	UNCH	----	----	9	----	195	- 2			
1675	----	----	----	----	----	1.80	UNCH	----	----	8	----	53	- 5			
1680	----	----	2.00B/----	2.00B/----	----	2.00 +	0.10	----	----	4	----	16	UNCH			
1685	----	----	2.10B/----	2.10B/----	----	2.10 +	0.10	----	----	----	----	46	UNCH			
1690	----	----	2.30B/----	2.30B/----	----	2.20 +	0.10	----	----	----	----	25	UNCH			
1695	2.50	2.50	2.50/2.30A	2.50/2.30A	----	2.30	UNCH	----	----	29	----	3729	+ 25			
1700	----	----	2.60B/----	2.60B/----	----	2.40 -	0.10	----	----	3	----	66	- 3			
1705	2.60	2.60	2.80B/2.60	2.80B/2.60	----	2.60	UNCH	----	----	12	----	63	+ 10			
1710	2.90	2.90	3.00B/2.90	3.00B/2.90	----	2.90 +	0.20	----	----	2	----	45	+ 1			
1715	----	----	3.20B/----	3.20B/----	----	3.10 +	0.20	----	----	2	----	60	+ 2			
1720	----	----	3.40B/----	3.40B/----	----	3.30 +	0.20	----	----	3	----	261	+ 2			
1725	3.40	3.40	3.70/3.40	3.70/3.40	----	3.50 +	0.20	----	----	3	----	31	+ 3			
1730	----	----	3.90B/----	3.90B/----	----	3.70 +	0.10	----	----	2	----	32	+ 1			
1735	----	----	4.20B/----	4.20B/----	----	3.90	UNCH	----	----	3	----	77	+ 3			
1740	----	----	4.50B/----	4.50B/----	----	4.20 +	0.10	----	----	2	----	19	+ 2			
1745	----	----	4.80B/----	4.80B/----	----	4.50 +	0.10	----	----	18	----	6941	+ 18			
1750	5.30	5.30	5.50B/5.00	5.50B/5.00	----	4.80 +	0.10	----	----	8	----	29	UNCH			
1755	----	----	5.90B/----	5.90B/----	----	5.10 +	0.10	----	----	2	----	77	+ 5			
1760	5.60	5.60	6.30B/5.60	6.30B/5.60	----	5.50 +	0.10	----	----	2	----	19	+ 2			
1765	----	----	6.70B/6.10A	6.70B/6.10A	----	5.90 +	0.10	----	----	2	----	17	+ 2			
1770	----	----	7.20B/6.50A	7.20B/6.50A	----	6.30 +	0.10	----	----	400	----	303	UNCH			
1775	----	----	7.70B/7.00A	7.70B/7.00A	----	6.70 +	0.10	----	----	2	----	496	+ 399			
1780	----	----	8.30B/7.40A	8.30B/7.40A	----	7.20 +	0.10	----	----	6	----	8	+ 1			
1785	8.60	8.60	8.80B/7.90A	8.80B/7.90A	----	7.70 +	0.10	----	----	----	----	48	+ 6			
1790	----	----	9.40B/8.50A	9.40B/8.50A	----	8.20 +	0.10	----	----	----	----	4	UNCH			
1795	----	----	10.00B/9.00A	10.00B/9.00A	----	8.80 +	0.20	----	----	13	250	4869	+ 255			
1800	----	----	10.70B/9.60A	10.70B/9.60A	----	9.40 +	0.20	----	----	----	----	3	UNCH			
1805	12.10	12.10	11.40B/10.20A	11.40B/10.20A	----	10.00 +	0.20	----	----	1	----	23	- 2			
1810	----	----	12.20B/10.90A	12.20B/10.90A	----	10.70 +	0.30	----	----	----	----	29	UNCH			
1815	----	----	12.90B/11.60A	12.90B/11.60A	----	11.40 +	0.30	----	----	6	----	12	UNCH			
1820	----	----	13.80B/12.30A	13.80B/12.30A	----	12.10 +	0.30	----	----	----	----	269	- 2			
1825	14.70	14.70	14.70B/13.00A	14.70B/13.00A	----	12.90 +	0.30	----	----	----	----	30	UNCH			
1830	----	----	15.50B/13.90A	15.50B/13.90A	----	13.80 +	0.40	----	----	----	----	154	UNCH			
1835	----	----	16.60B/14.70A	16.60B/14.70A	----	14.70 +	0.40	----	----	1	----	209	- 1			
1840	----	----	17.50B/15.60A	17.50B/15.60A	----	15.60 +	0.40	----	----	----	----	3	UNCH			
1845	----	----	19.80B/17.60A	19.80B/17.60A	----	16.60 +	0.50	----	----	10	----	264	UNCH			
1850	----	----	21.00B/18.60A	21.00B/18.60A	----	18.70 +	0.50	----	----	----	----	122	UNCH			
1860	----	----	22.30B/19.80A	22.30B/19.80A	----	19.90 +	0.50	----	----	----	----	21	UNCH			
1865	----	----	23.60B/21.00A	23.60B/21.00A	----	21.10 +	0.60	----	----	----	----	60	UNCH			
1870	----	----	25.20B/22.20A	25.20B/22.20A	----	22.40 +	0.60	----	----	----	----	171	UNCH			
1875	----	----	26.70B/23.60A	26.70B/23.60A	----	23.80 +	0.70	----	----	----	----	51	UNCH			
1880	----	----	28.20B/25.00A	28.20B/25.00A	----	25.20 +	0.70	----	----	----	----	306	UNCH			
1885	----	----	29.90B/26.40A	29.90B/26.40A	----	26.70 +	0.70	----	----	----	----	301	UNCH			
1890	----	----	31.50B/28.00A	31.50B/28.00A	----	28.30 +	0.80	----	----	----	----	63	UNCH			
1895	----	----	33.30B/29.60A	33.30B/29.60A	----	30.00 +	0.90	----	----	----	----	589	UNCH			
1900	----	----	35.20B/31.30A	35.20B/31.30A	----	31.80 +	1.10	----	----	----	----	251	UNCH			
1905	----	----	37.10B/33.10A	37.10B/33.10A	----	33.60 +	1.10	----	----	----	----	106	UNCH			
1910	----	----	39.20B/34.90A	39.20B/34.90A	----	35.50 +	1.20	----	----	----	----	4	UNCH			
1915	----	----	41.40B/36.80A	41.40B/36.80A	----	37.50 +	1.30	----	----	----	----	4	UNCH			
1920	----	----	43.60B/38.90A	43.60B/38.90A	----	39.50 +	1.30	----	----	3	----	323	+ 3			
1925	----	----	45.70B/40.80A	45.70B/40.80A	----	41.70 +	1.40	----	----	----	----	5	UNCH			
1930	----	----	48.20B/43.10A	48.20B/43.10A	----	43.90 +	1.40	----	----	----	----	1	UNCH			
1935	----	----	50.50B/45.20A	50.50B/45.20A	----	46.20 +	1.50	----	----	1	----	6	UNCH			
1940	----	----	53.20B/47.70A	53.20B/47.70A	----	48.60 +	1.60	----	----	----	----	76	UNCH			
1945	----	----	55.80B/50.10A	55.80B/50.10A	----	51.00 +	1.50	----	----	150	----	273	+ 150			
1950	----	----	58.50B/52.60A	58.50B/52.60A	----	53.60 +	1.60	----	----	----	----	3	UNCH			
1955	----	----	61.20B/55.20A	61.20B/55.20A	----	56.20 +	1.70	----	----	200	----	211	+ 192			
1960	----	----	64.10B/57.70A	64.10B/57.70A	----	58.90 +	1.70	----	----	----	----	44	UNCH			
1965	----	----	67.00B/60.60A	67.00B/60.60A	----	61.70 +	1.80	----	----	----	----					

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	
OG PUT	COMEX GOLD OPTIONS												
JUN23	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	49	UNCH
1225	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	4	UNCH
1230	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	1	UNCH
1235	----	----	----	----	----	0.10 UNCH	.0001	----	----	----	----	5	UNCH
1250	----	----	----	----	----	0.10 UNCH	.0002	----	----	----	----	41	UNCH
1275	----	----	----	----	----	0.10 UNCH	.0003	----	----	----	----	58	UNCH
1300	----	----	----	----	----	0.10 UNCH	.0006	----	----	----	----	77	UNCH
1325	----	----	----	----	----	0.10 UNCH	.0010	----	----	----	----	440	UNCH
1350	----	----	----	----	----	0.10 UNCH	.0012	----	----	----	----	4	UNCH
1360	----	----	----	----	----	0.20 UNCH	.0023	----	----	----	----	40	UNCH
1375	----	----	----	----	----	0.20 UNCH	.0024	----	----	----	----	1	UNCH
1385	----	----	----	----	----	0.20 UNCH	.0024	----	----	----	----	3	UNCH
1390	----	----	----	----	----	0.30 + 0.10	.0035	----	----	----	----	325	UNCH
1400	----	----	----	----	----	0.30 UNCH	.0036	----	----	----	----	59	UNCH
1425	----	----	----	----	----	0.40 UNCH	.0047	----	----	----	----	1	UNCH
1435	----	----	----	----	----	0.40 UNCH	.0047	----	----	----	----	3	UNCH
1440	----	----	----	----	----	0.40 UNCH	.0048	----	----	----	----	1184	UNCH
1450	----	----	----	----	----	0.40 UNCH	.0049	----	----	----	----	1	UNCH
1455	----	----	----	----	----	0.50 UNCH	.0061	----	----	----	----	45	UNCH
1475	----	----	----	----	----	0.50 UNCH	.0062	----	----	----	----	3	UNCH
1485	----	----	----	----	----	0.60 UNCH	.0074	----	----	----	----	196	UNCH
1495	----	----	----	----	----	0.60 UNCH	.0075	----	----	----	----	520	UNCH
1500	----	----	----	----	----	0.60 UNCH	.0075	----	----	----	----	4	UNCH
1505	----	----	----	----	----	0.70 UNCH	.0086	----	----	----	----	20	UNCH
1510	----	----	----	----	----	0.70 UNCH	.0087	----	----	----	----	46	UNCH
1515	----	----	----	----	----	0.70 UNCH	.0088	----	----	----	----	2	UNCH
1520	----	----	----	----	----	0.80 UNCH	.0099	----	----	----	----	30	UNCH
1525	----	----	----	----	----	0.90 UNCH	.0111	----	----	----	----	1	UNCH
1535	----	----	----	----	----	0.90 UNCH	.0112	----	----	----	----	220	UNCH
1540	1.00	1.00	1.00/1.00	1.00/1.00	----	1.00 UNCH	.0125	----	----	2	----	952 +	1
1550	----	----	----	----	----	1.10 + 0.10	.0138	----	----	----	----	77	UNCH
1560	----	----	----	----	----	1.20 + 0.10	.0151	----	----	----	----	2	UNCH
1570	----	----	----	----	----	1.30 + 0.10	.0162	----	----	----	----	218	UNCH
1575	----	----	----	----	----	1.30 UNCH	.0164	----	----	----	----	2	UNCH
1580	----	----	----	----	----	1.40 + 0.10	.0176	----	----	----	----	1	UNCH
1585	----	----	----	----	----	1.50 + 0.10	.0187	----	----	----	----	1000	UNCH
1590	----	----	----	----	----	1.60 + 0.10	.0199	----	----	----	----	1	UNCH
1595	----	----	----	----	----	1.60 UNCH	.0201	----	----	500	----	1885 +	316
1600	----	----	1.70B/----	1.70B/----	----	1.70 + 0.10	.0213	----	----	----	----	10	UNCH
1605	1.80	1.80	1.80/1.80	1.80/1.80	----	1.80 + 0.10	.0226	----	----	5	----	18 +	5
1610	----	----	1.90B/----	1.90B/----	----	1.90 + 0.10	.0238	----	----	----	----	57	UNCH
1615	----	----	----	----	----	2.00 UNCH	.0250	----	----	1	----	96 +	1
1620	----	----	----	----	----	2.10 UNCH	.0263	----	----	----	----	188	UNCH
1625	----	----	----	----	----	2.20 UNCH	.0275	----	----	----	----	75	UNCH
1630	----	----	2.40B/----	2.40B/----	----	2.30 UNCH	.0288	----	----	----	----	3	UNCH
1635	----	----	2.50B/----	2.50B/----	----	2.50 + 0.10	.0310	----	----	----	----	497	UNCH
1640	2.50	2.50	2.70B/*2.50	2.70B/*2.50	----	2.60 UNCH	.0323	----	----	7	----	22 +	7
1645	----	----	2.80B/----	2.80B/----	----	2.80 + 0.10	.0345	----	----	11	----	982 +	7
1650	----	----	3.00B/----	3.00B/----	----	2.90 UNCH	.0359	----	----	----	----	5	UNCH
1655	----	----	3.20B/----	3.20B/----	----	3.10 UNCH	.0382	----	----	----	----	56	UNCH
1660	----	----	3.40B/----	3.40B/----	----	3.20 UNCH	.0396	----	----	----	----	33	UNCH
1665	----	----	3.60B/----	3.60B/----	----	3.40 UNCH	.0419	----	----	----	----	127	UNCH
1670	----	----	3.80B/----	3.80B/----	----	3.60 UNCH	.0442	----	----	----	----	588	UNCH
1675	----	----	4.00B/----	4.00B/----	----	3.80 UNCH	.0465	----	----	----	----	21	UNCH
1680	----	----	4.20B/----	4.20B/----	----	4.00 UNCH	.0489	----	----	----	----	51	UNCH
1685	----	----	4.40B/----	4.40B/----	----	4.30 + 0.10	.0521	----	----	----	----	97	UNCH
1690	----	----	4.80B/----	4.80B/----	----	4.50 UNCH	.0545	----	----	----	----	15	UNCH
1695	4.70	4.70	5.00B/4.70	5.00B/4.70	----	4.80 + 0.10	.0577	----	----	6	----	1766 +	5
1700	----	----	5.30B/----	5.30B/----	----	5.10 + 0.10	.0610	----	----	----	----	7	UNCH
1705	----	----	5.60B/----	5.60B/----	----	5.30 UNCH	.0635	----	----	----	----	101	UNCH
1710	----	----	5.90B/----	5.90B/----	----	5.70 + 0.10	.0676	----	----	----	----	8	UNCH
1715	----	----	6.30B/----	6.30B/----	----	6.00 + 0.10	.0709	----	----	----	----	46	UNCH
1720	6.10	6.10	6.70B/6.10	6.70B/6.10	----	6.30 + 0.10	.0743	----	3	----	----	1567	UNCH
1725	----	----	7.00B/----	7.00B/----	----	6.70 + 0.10	.0785	----	----	----	----	34	UNCH
1730	----	----	7.40B/----	7.40B/----	----	7.10 + 0.20	.0827	----	----	----	----	59	UNCH
1735	----	----	7.90B/----	7.90B/----	----	7.50 + 0.20	.0869	----	----	----	----	43	UNCH
1740	8.30	8.30	8.30/7.70A	8.30/7.70A	----	7.90 + 0.10	.0911	----	1	----	----	23 +	1
1745	----	----	8.90B/----	8.90B/----	----	8.40 + 0.20	.0961	----	----	----	----	2342	UNCH
1750	----	----	9.40B/----	9.40B/----	----	8.90 + 0.20	.1012	----	----	----	----	99	UNCH
1755	----	----	9.90B/9.10A	9.90B/9.10A	----	9.40 + 0.20	.1062	----	----	----	----	37	UNCH
1760	----	----	10.40B/9.60A	10.40B/9.60A	----	9.90 + 0.20	.1113	----	----	----	----	19	UNCH
1765	----	----	10.90B/----	10.90B/----	----	10.40 + 0.20	.1165	----	----	----	----	36	UNCH
1770	----	----	11.60B/10.70A	11.60B/10.70A	----	11.00 + 0.20	.1223	----	----	----	----	285	UNCH
1775	12.10	12.10	12.30B/11.30A	12.30B/11.30A	----	11.60 + 0.20	.1281	----	2	----	----	85	UNCH
1780	----	----	13.00B/11.90A	13.00B/11.90A	----	12.30 + 0.30	.1347	----	----	----	----	25	UNCH
1785	----	----	13.70B/12.60A	13.70B/12.60A	----	13.00 + 0.30	.1412	----	1	----	----	29	UNCH
1790	14.00	14.00	15.20B/13.90A	15.20B/13.90A	----	14.40 + 0.30	.1544	----	511	----	----	2061 +	345
1800	----	----	16.10B/14.70A	16.10B/14.70A	----	15.20 + 0.30	.1617	----	----	----	----	41	UNCH
1805	16.00	16.00	16.90B/15.40A	16.90B/15.40A	----	16.00 + 0.30	.1690	----	20	----	----	344 -	20
1810	----	----	17.80B/16.20A	17.80B/16.20A	----	16.90 + 0.30	.1768	----	----	----	----	10	UNCH
1815	----	----	18.80B/17.10A	18.80B/17.10A	----	17.80 + 0.30	.1847	----	----	----	----	506	UNCH
1820	18.70	18.70	19.80B/18.00A	19.80B/18.00A	----	18.70 + 0.30	.1927	----	18	----	----	7366 +	15
1825	----	----	20.80B/18.90A	20.80B/18.90A	----	19.70 + 0.30	.2011	----	----	----	----	16	UNCH
1830	----	----	21.90B/19.90A	21.90B/19.90A	----	20.80 + 0.40	.2101	----	----	----	----	4	UNCH
1835	----	----	23.00B/21.00A	23.00B/21.00A	----	21.90 + 0.40	.2191	----	----	----	----	42	UNCH
1840	----	----	24.20B/22.00A	24.20B/22.00A	----	23.00 + 0.40	.2282	----					

PG64		BULLETIN # 19@										METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64				
		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										
OG PUT		COMEX GOLD OPTIONS																										
JUN23																												
2110	----	----			176.40B/167.50A	176.40B/167.50A	----	----		173.60 + 4.00	.7838	----	----	----	----	----		5	UNCH									
2115	----	----			180.60B/171.60A	180.60B/171.60A	----	----		177.80 + 4.10	.7901	----	----	----	----	----		4	UNCH									
2120	----	----			184.90B/175.80A	184.90B/175.80A	----	----		182.10 + 4.20	.7964	----	----	----	----	----		2	UNCH									
2125	----	----			189.20B/180.00A	189.20B/180.00A	----	----		186.40 + 4.20	.8027	----	----	----	----	----	14	UNCH										
2130	----	----			193.50B/184.30A	193.50B/184.30A	----	----		190.70 + 4.30	.8089	----	----	----	----	----	13	UNCH										
2135	----	----			197.90B/188.60A	197.90B/188.60A	----	----		195.00 + 4.30	.8145	----	----	----	----	----	17	UNCH										
2140	----	----			202.20B/192.90A	202.20B/192.90A	----	----		199.30 + 4.30	.8201	----	----	----	----	----	14	UNCH										
2145	----	----			206.60B/197.20A	206.60B/197.20A	----	----		203.70 + 4.40	.8256	----	----	----	----	----	9	UNCH										
2150	----	----			211.10B/201.60A	211.10B/201.60A	----	----		208.10 + 4.40	.8311	----	----	----	----	----	28	UNCH										
2155	----	----			215.50B/206.00A	215.50B/206.00A	----	----		212.50 + 4.50	.8360	----	----	----	----	----	11	UNCH										
2160	----	----			219.90B/210.40A	219.90B/210.40A	----	----		217.00 + 4.60	.8409	----	----	----	----	----	12	UNCH										
2165	----	----			224.40B/214.80A	224.40B/214.80A	----	----		221.40 + 4.50	.8457	----	----	----	----	----	16	UNCH										
2170	----	----			228.90B/219.20A	228.90B/219.20A	----	----		225.90 + 4.60	.8504	----	----	----	----	----	10	UNCH										
2175	----	----			233.40B/223.70A	233.40B/223.70A	----	----		230.40 + 4.60	.8552	----	----	----	----	----	13	UNCH										
2180	----	----			237.90B/228.20A	237.90B/228.20A	----	----		235.00 + 4.80	.8593	----	----	----	----	----	12	UNCH										
2185	----	----			242.50B/232.70A	242.50B/232.70A	----	----		239.50 + 4.80	.8633	----	----	----	----	----	1	UNCH										
2190	----	----			247.10B/237.20A	247.10B/237.20A	----	----		244.10 + 4.90	.8680	----	----	----	----	----	3	UNCH										
2195	----	----			251.70B/241.70A	251.70B/241.70A	----	----		248.60 + 4.80	.8713	----	----	----	----	----	5	UNCH										
2200	----	----			256.30B/246.30A	256.30B/246.30A	----	----		253.20 + 4.90	.8752	----	----	----	----	----	8	UNCH										
2205	----	----			260.90B/250.80A	260.90B/250.80A	----	----		257.80 + 4.90	.8792	----	----	----	----	----	4	UNCH										
2210	----	----			265.50B/255.30A	265.50B/255.30A	----	----		262.50 + 5.00	.8824	----	----	----	----	----	11	UNCH										
2215	----	----			270.10B/260.00A	270.10B/260.00A	----	----		267.10 + 5.10	.8863	----	----	----	----	----	8	UNCH										
2220	----	----			274.80B/264.60A	274.80B/264.60A	----	----		271.80 + 5.10	.8894	----	----	----	----	----	6	UNCH										
2225	----	----			279.50B/269.30A	279.50B/269.30A	----	----		276.40 + 5.10	.8926	----	----	----	----	----	9	UNCH										
2230	----	----			284.10B/273.90A	284.10B/273.90A	----	----		281.10 + 5.20	.8957	----	----	----	----	----	4	UNCH										
2235	----	----			288.80B/278.60A	288.80B/278.60A	----	----		285.80 + 5.20	.8988	----	----	----	----	----	9	UNCH										
2240	----	----			293.50B/283.30A	293.50B/283.30A	----	----		290.50 + 5.30	.9019	----	----	----	----	----	20	UNCH										
2245	----	----			297.10B/288.00A	297.10B/288.00A	----	----		295.20 + 5.30	.9049	----	----	----	----	----	2	UNCH										
2250	----	----			303.00B/292.60A	303.00B/292.60A	----	----		299.90 + 5.30	.9073	----	----	----	----	----	16	UNCH										
2255	----	----			306.60B/297.40A	306.60B/297.40A	----	----		304.60 + 5.30	.9103	----	----	----	----	----	1	UNCH										
2260	----	----			311.40B/302.10A	311.40B/302.10A	----	----		309.40 + 5.40	.9125	----	----	----	----	----	2	UNCH										
2265	----	----			316.10B/306.80A	316.10B/306.80A	----	----		314.10 + 5.40	.9148	----	----	----	----	----	1	UNCH										
2275	----	----			326.80B/316.30A	326.80B/316.30A	----	----		323.60 + 5.40	.9200	----	----	----	----	----	14	UNCH										
2300	----	----			350.70B/340.10A	350.70B/340.10A	----	----		347.60 + 5.50	.9308	----	----	----	----	----	181	UNCH										
2325	----	----			374.90B/364.30A	374.90B/364.30A	----	----		371.80 + 5.70	.9398	----	----	----	----	----	6	UNCH										
2350	----	----			399.20B/388.60A	399.20B/388.60A	----	----		396.10 + 5.80	.9468	----	----	----	----	----	1	UNCH										
2400	----	----			448.20B/437.50A	448.20B/437.50A	----	----		445.00 + 5.90	.9594	----	----	----	----	----	79	UNCH										
2500	----	----			547.10B/536.30A	547.10B/536.30A	----	----		544.10 + 6.20	.9753	----	----	----	----	----	51	UNCH										
2525	----	----			572.00B/561.20A	572.00B/561.20A	----	----		569.00 + 6.20	.9789	----	----	----	----	----	108	UNCH										
2550	----	----			596.90B/586.10A	596.90B/586.10A	----	----		594.00 + 6.30	.9815	----	----	----	----	----	25	UNCH										
2600	----	----			645.30B/636.00A	645.30B/636.00A	----	----		644.00 + 6.30	.9856	----	----	----	----	----	5	UNCH										
TOTAL																												

PG64		BULLETIN # 19@										METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64									
		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																	
OG PUT		COMEX GOLD OPTIONS																															
JUL23																																	
2100	----	----			163.00B/154.80A	163.00B/154.80A	----			160.40 + 3.40	.7106	----	----	----	----		3	UNCH															
2105	----	----			166.90B/158.70A	166.90B/158.70A	----			164.30 + 3.50	.7176	----	----	----	----		10	UNCH															
2110	----	----			170.90B/162.60A	170.90B/162.60A	----			168.30 + 3.60	.7246	----	----	----	----		10	UNCH															
2115	----	----			174.90B/166.50A	174.90B/166.50A	----			172.20 + 3.50	.7315	----	----	----	----		8	UNCH															
2120	----	----			178.90B/170.50A	178.90B/170.50A	----			176.30 + 3.70	.7380	----	----	----	----		3	UNCH															
2125	----	----			183.00B/174.40A	183.00B/174.40A	----			180.30 + 3.70	.7445	----	----	----	----		4	UNCH															
2130	----	----			187.10B/178.40A	187.10B/178.40A	----			184.40 + 3.80	.7506	----	----	----	----		2	UNCH															
2135	----	----			191.20B/182.40A	191.20B/182.40A	----			188.50 + 3.80	.7570	----	----	----	----		3	UNCH															
2145	----	----			199.50B/190.60A	199.50B/190.60A	----			196.80 + 3.90	.7689	----	----	----	----		1	UNCH															
2150	----	----			203.70B/194.70A	203.70B/194.70A	----			201.00 + 4.00	.7743	----	----	----	----		8	UNCH															
2155	----	----			207.90B/198.90A	207.90B/198.90A	----			205.20 + 4.00	.7802	----	----	----	----		2	UNCH															
2160	----	----			212.20B/203.10A	212.20B/203.10A	----			209.40 + 4.10	.7856	----	----	----	----		6	UNCH															
2165	----	----			216.50B/207.30A	216.50B/207.30A	----			213.70 + 4.10	.7909	----	----	----	----		7	UNCH															
2170	----	----			220.80B/211.50A	220.80B/211.50A	----			218.00 + 4.20	.7958	----	----	----	----		5	UNCH															
2175	----	----			225.10B/215.80A	225.10B/215.80A	----			222.30 + 4.20	.8011	----	----	----	----		22	UNCH															
2200	----	----			247.00B/237.40A	247.00B/237.40A	----			244.10 + 4.40	.8243	----	----	----	----		18	UNCH															
2210	----	----			255.90B/246.20A	255.90B/246.20A	----			253.00 + 4.50	.8326	----	----	----	----		11	UNCH															
2215	----	----			260.30B/250.60A	260.30B/250.60A	----			257.40 + 4.50	.8367	----	----	----	----		1	UNCH															
2225	----	----			269.30B/259.50A	269.30B/259.50A	----			266.40 + 4.60	.8448	----	----	----	----		18	UNCH															
2230	----	----			273.80B/264.00A	273.80B/264.00A	----			270.90 + 4.70	.8483	----	----	----	----		2	UNCH															
2235	----	----			278.30B/268.50A	278.30B/268.50A	----			275.40 + 4.70	.8522	----	----	----	----		2	UNCH															
2240	----	----			282.90B/273.00A	282.90B/273.00A	----			280.00 + 4.80	.8557	----	----	----	----		2	UNCH															
2245	----	----			287.40B/277.50A	287.40B/277.50A	----			284.50 + 4.80	.8591	----	----	----	----		3	UNCH															
2250	----	----			292.00B/282.00A	292.00B/282.00A	----			289.10 + 4.80	.8625	----	----	----	----		7	UNCH															
2255	----	----			296.60B/286.60A	296.60B/286.60A	----			293.70 + 4.90	.8659	----	----	----	----		2	UNCH															
2265	----	----			305.80B/295.80A	305.80B/295.80A	----			302.90 + 5.00	.8720	----	----	----	----		1	UNCH															
2270	----	----			310.40B/300.40A	310.40B/300.40A	----			307.50 + 5.00	.8753	----	----	----	----		1	UNCH															
2280	----	----			319.70B/309.70A	319.70B/309.70A	----			316.70 + 5.00	.8808	----	----	----	----		6	UNCH															
2300	----	----			338.40B/328.20A	338.40B/328.20A	----			335.40 + 5.20	.8920	----	----	----	----		3	UNCH															
2320	----	----			357.30B/347.00A	357.30B/347.00A	----			354.20 + 5.30	.9012	----	----	----	----		2	UNCH															
2325	----	----			362.00B/351.80A	362.00B/351.80A	----</																										

PG64	BULLETIN # 19@			METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY RANGE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME		OPEN INTEREST
OG PUT																
AUG23																
2275	----	----	----	319.10B/309.50A	319.10B/309.50A	----	----	----	316.20 + 4.70	.8530	----	----	----	----	----	1
2300	----	----	----	342.00B/332.30A	342.00B/332.30A	----	----	----	339.10 + 4.80	.8675	----	----	----	----	----	13
2310	----	----	----	351.30B/341.50A	351.30B/341.50A	----	----	----	348.40 + 5.00	.8724	----	----	----	----	----	2
2370	----	----	----	407.60B/397.80A	407.60B/397.80A	----	----	----	404.60 + 5.30	.8996	----	----	----	----	----	2
2375	----	----	----	412.30B/402.60A	412.30B/402.60A	----	----	----	409.30 + 5.30	.9018	----	----	----	----	----	2
2380	----	----	----	415.30B/407.30A	415.30B/407.30A	----	----	----	414.10 + 5.40	.9036	----	----	----	----	----	1
2400	----	----	----	436.10B/426.30A	436.10B/426.30A	----	----	----	433.10 + 5.40	.9109	----	----	----	----	----	6
2450	----	----	----	484.20B/474.20A	484.20B/474.20A	----	----	----	481.10 + 5.60	.9261	----	----	----	----	----	1
2500	----	----	----	532.80B/522.70A	532.80B/522.70A	----	----	----	529.70 + 5.80	.9388	----	----	----	----	----	18
2550	----	----	----	581.70B/571.70A	581.70B/571.70A	----	----	----	578.60 + 5.90	.9493	----	----	----	----	----	1
2575	603.70	603.70	----	606.30B/596.20A	606.30B/596.20A	----	----	----	603.20 NEW	.9538	----	----	1	----	----	1 +
2600	----	----	----	630.90B/620.90A	630.90B/620.90A	----	----	----	627.90 + 6.10	.9575	----	----	----	----	----	1
TOTAL													66			6363 +
SEP23																
1200	----	----	----	----	----	----	----	----	0.30 UNCH	.0024	----	----	----	----	----	3
1250	----	----	----	----	----	----	----	----	0.40 UNCH	.0033	----	----	----	----	----	4
1300	----	----	----	----	----	----	----	----	0.60 UNCH	.0050	----	----	----	----	----	45
1350	----	----	----	----	----	----	----	----	0.80 UNCH	.0068	----	----	----	----	----	10
1375	----	----	----	----	----	----	----	----	0.90 UNCH	.0078	----	----	----	----	----	21
1400	----	----	----	----	----	----	----	----	1.10 UNCH	.0096	----	----	----	----	----	3800
1440	----	----	----	----	----	----	----	----	1.50 UNCH	.0131	----	----	----	----	----	1
1450	----	----	----	----	----	----	----	----	1.60 UNCH	.0140	----	----	----	----	----	61
1480	----	----	----	----	----	----	----	----	2.10 + 0.10	.0182	----	----	----	----	----	1
1500	----	----	----	----	----	----	----	----	2.40 UNCH	.0208	----	----	----	----	----	500
1525	----	----	----	----	----	----	----	----	2.90 UNCH	.0251	----	----	----	----	----	15
1550	----	----	----	----	----	----	----	----	3.60 UNCH	.0308	----	----	----	----	----	1986
1560	----	----	----	----	----	----	----	----	3.90 UNCH	.0333	----	----	----	----	----	2
1575	----	----	----	----	----	----	----	----	4.40 UNCH	.0373	----	----	----	----	----	25
1590	----	----	----	----	----	----	----	----	5.00 UNCH	.0421	----	----	----	----	----	1
1600	----	----	----	----	----	----	----	----	5.40 UNCH	.0453	----	----	----	----	----	709
1625	----	----	----	6.60B/----	6.60B/----	----	----	----	6.50 UNCH	.0541	----	----	----	----	----	25
1650	----	----	----	8.00B/----	8.00B/----	----	----	----	7.90 UNCH	.0650	----	----	----	----	----	680
1660	----	----	----	8.70B/----	8.70B/----	----	----	----	8.60 UNCH	.0702	----	----	----	----	----	74
1675	----	----	----	9.80B/----	9.80B/----	----	----	----	9.70 UNCH	.0784	----	----	----	----	----	83
1700	----	----	----	12.00B/----	12.00B/----	----	----	----	11.80 + 0.10	.0936	----	----	----	----	----	16
1705	----	----	----	12.50B/----	12.50B/----	----	----	----	12.20 UNCH	.0967	----	----	----	----	----	10
1735	----	----	----	15.80B/----	15.80B/----	----	----	----	15.40 + 0.10	.1190	----	----	----	----	----	1
1750	----	----	----	17.70B/17.10A	17.70B/17.10A	----	----	----	17.30 + 0.10	.1318	----	----	----	----	----	845
1800	----	----	----	25.90B/24.80A	25.90B/24.80A	----	----	----	25.30 + 0.10	.1824	----	----	----	----	----	106
1810	----	----	----	28.00B/26.90A	28.00B/26.90A	----	----	----	27.30 + 0.10	.1942	----	----	----	----	----	5
1830	----	----	----	32.40B/31.10A	32.40B/31.10A	----	----	----	31.70 + 0.20	.2193	----	----	1	----	----	1
1835	----	----	----	33.70B/32.20A	33.70B/32.20A	----	----	----	32.80 + 0.20	.2257	----	----	----	----	----	1
1845	----	----	----	36.20B/34.60A	36.20B/34.60A	----	----	----	35.30 + 0.30	.2393	----	----	----	----	----	24
1850	36.80	36.80	----	37.60B/35.80A	37.60B/35.80A	----	----	----	36.70 + 0.40	.2465	----	----	2	----	----	153 -
1855	----	----	----	38.90B/37.20A	38.90B/37.20A	----	----	----	38.00 + 0.40	.2534	----	----	----	----	----	20
1860	----	----	----	40.40B/38.50A	40.40B/38.50A	----	----	----	39.40 + 0.50	.2607	----	----	----	----	----	47
1870	----	----	----	43.40B/41.30A	43.40B/41.30A	----	----	----	42.30 + 0.50	.2754	----	----	----	----	----	1
1885	----	----	----	48.20B/45.80A	48.20B/45.80A	----	----	----	47.00 + 0.50	.2983	----	----	----	----	----	1
1890	----	----	----	49.90B/47.40A	49.90B/47.40A	----	----	----	48.70 + 0.50	.3062	----	----	----	----	----	26
1900	----	----	----	53.50B/50.80A	53.50B/50.80A	----	----	----	52.20 + 0.50	.3222	----	----	----	----	----	12
1905	----	----	----	55.30B/52.50A	55.30B/52.50A	----	----	----	54.00 + 0.50	.3303	----	----	----	----	----	1
1915	----	----	----	59.20B/56.20A	59.20B/56.20A	----	----	----	57.80 + 0.60	.3468	----	----	----	----	----	1
1920	----	----	----	61.20B/58.20A	61.20B/58.20A	----	----	----	59.80 + 0.60	.3552	----	----	----	----	----	4

PG64	BULLETIN # 19@			METALS OPTION PRODUCTS							Mon, Jan 30, 2023			PG64		
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE		SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
OG PUT	COMEX GOLD OPTIONS															
OCT23																
2375	----	----		403.90B/395.00A	403.90B/395.00A	----			401.10 + 4.70	.8506	----	----	----	----	25	UNCH
2380	----	----		408.50B/399.50A	408.50B/399.50A	----			405.70 + 4.70	.8527	----	----	----	----	5	UNCH
TOTAL													2		6224	0
NOV23																
1400	----	----		----	----	----			2.20 UNCH	.0160	----	----	----	----	25	UNCH
1615	----	----				----			9.40 - 0.10	.0651	----	----	----	----	1	UNCH
1655	----	----		12.50B/----	12.50B/----	----			12.30 - 0.10	.0835	----	----	----	----	1	UNCH
1660	----	----		12.90B/----	12.90B/----	----			12.70 - 0.10	.0861	----	----	----	----	1	UNCH
1750	----	----		23.50B/----	23.50B/----	----			23.10 + 0.10	.1467	----	----	----	----	1	UNCH
1825	----	----		38.10B/37.10A	38.10B/37.10A	----			37.50 + 0.20	.2202	----	----	----	----	22	UNCH
1910	----	----		64.50B/62.40A	64.50B/62.40A	----			63.40 + 0.60	.3291	----	----	----	----	2	UNCH
1950	----	----		81.20B/78.30A	81.20B/78.30A	----			79.90 + 0.80	.3868	----	----	80	----	50	- 30
1990	----	----		100.80B/97.00A	100.80B/97.00A	----			99.30 + 1.10	.4457	----	----	----	----	1	UNCH
2275	----	----		304.90B/297.50A	304.90B/297.50A	----			302.90 + 3.80	.7618	----	----	----	----	7	UNCH
2500	----	----		507.60B/499.50A	507.60B/499.50A	----			505.10 + 4.90	.8736	----	----	----	----	1	UNCH
TOTAL													80		112	- 30
DEC23																
1000	----	----		----	----	----			0.20 UNCH	.0013	----	----	----	----	5	UNCH
1050	----	----				----			0.30 UNCH	.0020	----	----	----	----	4	UNCH
1100	----	----				----			0.40 UNCH	.0027	----	----	----	----	2	UNCH
1120	----	----				----			0.50 UNCH	.0033	----	----	----	----	19	UNCH
1200	----	----				----			0.80 UNCH	.0054	----	----	----	----	2	UNCH
1250	----	----				----			1.10 UNCH	.0075	----	----	----	----	152	UNCH
1300	----	----				----			1.50 UNCH	.0103	----	----	----	----	101	UNCH
1325	----	----				----			1.80 UNCH	.0123	----	----	----	----	701	UNCH
1350	----	----				----			2.10 UNCH	.0144	----	----	----	----	2	UNCH
1400	----	----				----			2.90 + 0.10	.0198	----	----	----	----	84	UNCH
1450	----	----				----			3.90 - 0.10	.0266	----	----	----	----	157	UNCH
1465	----	----				----			4.30 - 0.10	.0293	----	----	----	----	2	UNCH
1470	----	----				----			4.40 - 0.10	.0300	----	----	----	----	2	UNCH
1500	----	----				----			5.50 UNCH	.0370	----	----	----	----	381	UNCH
1510	----	----				----			5.80 UNCH	.0390	----	----	----	----	2	UNCH
1550	----	----				----			7.60 UNCH	.0503	----	----	----	----	806	UNCH
1570	----	----				----			8.90 UNCH	.0566	----	----	----	----	2	UNCH
1575	----	----				----			8.90 UNCH	.0584	----	----	----	----	1	UNCH
1580	----	----				----			9.20 UNCH	.0603	----	----	----	----	1	UNCH
1600	----	----				----			10.40 UNCH	.0677	----	----	18	----	603	- 18
1625	----	----				----			12.20 UNCH	.0784	----	----	----	----	10	UNCH
1650	----	----		14.40B/----	14.40B/----	----			14.30 UNCH	.0907	----	----	----	----	234	UNCH
1675	----	----		16.90B/----	16.90B/----	----			16.70 UNCH	.1045	----	----	----	----	1	UNCH
1700	----	----		19.80B/----	19.80B/----	----			19.60 UNCH	.1204	----	----	----	----	1623	UNCH
1725	----	----		23.20B/----	23.20B/----	----			22.90 UNCH	.1381	----	----	----	----	26	UNCH
1740	----	----		25.50B/----	25.50B/----	----			25.10 UNCH	.1496	----	----	----	----	6	UNCH
1750	----	----		27.10B/----	27.10B/----	----			26.70 UNCH	.1578	----	----	----	----	410	UNCH
1775	----	----		31.60B/----	31.60B/----	----			31.20 UNCH	.1709	----	----	----	----	49	UNCH
1800	----	----		36.90B/----	36.90B/----	----			36.40 + 0.10	.2043	----	----	18	----	342	- 18
1805	----	----		38.00B/----	38.00B/----	----			37.50 + 0.10	.2094	----	----	----	----	1	UNCH
1825	----	----		42.90B/----	42.90B/----	----			42.30 + 0.10	.2307	----	----	----	----	29	UNCH
1835	----	----		45.60B/44.70A	45.60B/44.70A	----			45.00 + 0.20	.2421	----	----	----	----	2	UNCH
1840	----	----		47.00B/----	47.00B/----	----			46.30 + 0.20	.2477	----	----	----	----	1	UNCH
1850	----	----		49.90B/----	49.90B/----	----			49.20 + 0.30	.2595	----	----	----	----	416	UNCH
1860	----	----		52.90B/51.80A	52.90B/51.80A	----			52.10 + 0.20	.2714	----	----	----	----	75	UNCH
1870	----	----		56.10B/54.90A	56.10B/54.90A	----			55.30 + 0.30	.2838	----	----	----	----	100	UNCH
1875	----	----		57.70B/56.50A	57.70B/56.50A	----			56.90 + 0.30	.2900	----	----	----	----	320	UNCH
1880	----	----		59.40B/----	59.40B/----	----			58.60 + 0.40	.2963	----	----	----	----	130	UNCH
1890	----	----		62.90B/61.60A	62.90B/61.60A	----			62.10 + 0.40	.3092	----	----	----	----	2	UNCH
1900	64.80	64.80		66.60B/64.80	66.60B/64.80	----			65.70 + 0.50	.3222	----	----	3	----	114	+ 3
1905	----	----														

PG64	BULLETIN # 19@				METALS OPTION PRODUCTS					Mon, Jan 30, 2023				PG64
	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		
OG CALL	COMEX GOLD OPTIONS													
MAR23														
1855			96.90B/86.00A	96.90B/86.00A	----	88.20 - 6.40	.8884	----	----	----	----	292 -	1	
1860	85.90	85.90	92.40B/81.60A	92.40B/81.60A	----	83.80 - 6.40	.8747			1		371	UNCH	
1865			88.00B/77.30A	88.00B/77.30A	----	79.50 - 6.30	.8595					148 -	2	
1870			83.70B/73.00A	83.70B/73.00A	----	75.30 - 6.20	.8441					234	UNCH	
1875			79.40B/68.90A	79.40B/68.90A	----	71.10 - 6.20	.8271		1			1610	UNCH	
1880			75.00B/64.90A	75.00B/64.90A	----	67.00 - 6.20	.8087					333 -	13	
1885			71.00B/60.90A	71.00B/60.90A	----	63.00 - 6.10	.7890					129 -	3	
1890	60.90	60.90	66.90B/57.10A	66.90B/57.10A	----	59.10 - 6.00	.7680		2			63	UNCH	
1895			62.90B/53.40A	62.90B/53.40A	----	55.30 - 5.90	.7458					158 -	9	
1900	56.30	56.30	59.10B/49.80A	59.10B/49.80A	----	51.60 - 5.80	.7225		36			5119 -	3	
1905	47.60	47.60	55.30B/46.40A	55.30B/46.40A	----	48.10 - 5.70	.6974		1			249 -	2	
1910			51.70B/43.10A	51.70B/43.10A	----	44.80 - 5.50	.6710					1500 -	21	
1915			48.20B/39.90A	48.20B/39.90A	----	41.60 - 5.30	.6445					189 -	2	
1920	40.00	40.00	44.90B/36.90A	44.90B/36.90A	----	38.50 - 5.20	.6169		16			366 -	41	
1925	37.30	37.30	41.90B/34.10A	41.90B/34.10A	----	35.50 - 5.10	.5885		131			2924 +	63	
1930	32.10	32.10	38.80B/31.40A	38.80B/31.40A	----	32.80 - 4.90	.5599		6			461 -	19	
1935	30.80	30.80	36.40B/28.80A	36.40B/28.80A	----	30.10 - 4.80	.5311		19			200 -	3	
1940	28.80	28.80	33.60B/26.50A	33.60B/26.50A	----	27.60 - 4.70	.5021		77			256 -	5	
1945	26.30	26.30	31.10B/24.30A	31.10B/24.30A	----	25.30 - 4.50	.4733		14			195 -	8	
1950	23.70	23.70	28.60B/22.20A	28.60B/22.20A	----	23.10 - 4.30	.4447		36			4593 +	10	
1955	23.50	23.50	26.30B/20.20A	26.30B/20.20A	----	21.10 - 4.00	.4168		76			622 -	20	
1960	19.20	19.20	24.10B/18.40A	24.10B/18.40A	----	19.20 - 3.80	.3893		28			388 -	5	
1965	18.40	18.40	22.20B/16.80A	22.20B/16.80A	----	17.50 - 3.60	.3630		7			364 -	4	
1970	19.50	19.50	20.20B/15.20A	20.20B/15.20A	----	15.90 - 3.40	.3375		37			563 -	13	
1975	17.40	17.40	18.40B/13.80A	18.40B/13.80A	----	14.40 - 3.30	.3127		58			2320 -	6	
1980	13.30	13.30	16.80B/12.50A	16.80B/12.50A	----	13.10 - 3.00	.2897		4			372 -	9	
1985	12.50	12.50	15.30B/11.30A	15.30B/11.30A	----	11.90 - 2.80	.2679					130 +	1	
1990	11.30	11.30	14.00B/10.30A	14.00B/10.30A	----	10.80 - 2.60	.2472		20			694 -	8	
1995	10.30	10.30	12.70B/9.30A	12.70B/9.30A	----	9.80 - 2.40	.2278		59			430 -	4	
2000	10.50	10.50	11.50B/8.40A	11.50B/8.40A	----	8.90 - 2.20	.2098		372			7534 -	130	
2005	8.50	8.50	10.50B/7.60A	10.50B/7.60A	----	8.00 - 2.00	.1920		46			250 +	4	
2010	8.20	8.20	9.50B/6.90A	9.50B/6.90A	----	7.20 - 1.90	.1755		26			231 +	12	
2015			8.50B/6.20A	8.50B/6.20A	----	6.50 - 1.80	.1606		23			80 +	4	
2020	5.80	5.80	7.70B/5.60	7.70B/5.60	----	5.90 - 1.60	.1472		10			232 -	2	
2025	6.30	6.30	6.90B/5.10A	6.90B/5.10A	----	5.40 - 1.40	.1355		9			877 +	3	
2030	5.50	5.50	6.30B/4.70A	6.30B/4.70A	----	4.90 - 1.30	.1240		334			1666 -	216	
2035	4.60	4.60	5.70B/4.20	5.70B/4.20	----	4.40 - 1.20	.1128		7			259 +	1	
2040	4.60	4.60	5.10B/3.70	5.10B/3.70	----	4.00 - 1.10	.1032		228			493 +	92	
2045	3.80	3.80	3.80/3.50A	3.80/3.50A	----	3.60 - 1.10	.0938		102			318 +	100	
2050	3.60	3.60	3.60/3.20	3.60/3.20	----	3.30 - 0.90	.0862		28			3661 -	5	
2055			---/*2.90A	---/*2.90A	----	3.00 - 0.80	.0788		15			115 +	8	
2060	2.90	2.90	3.00/*2.70	3.00/*2.70	----	2.70 - 0.80	.0715		16			250 -	6	
2065	2.70	2.70	2.70/*2.40A	2.70/*2.40A	----	2.50 - 0.70	.0662		3			180	UNCH	
2070	2.60	2.60	2.90B/*2.20A	2.90B/*2.20A	----	2.30 - 0.60	.0609		4			565 -	1	
2075			---/*2.10A	---/*2.10A	----	2.10 - 0.60	.0558		23			4893 -	14	
2080	2.50	2.50	2.50/*1.90	2.50/*1.90	----	1.90 - 0.60	.0508		12			176 +	6	
2085	1.90	1.90	1.90/*1.70	1.90/*1.70	----	1.80 - 0.50	.0477		16			181 +	3	
2090	1.90	1.90	2.00B/*1.60A	2.00B/*1.60A	----	1.60 - 0.50	.0428		3			117 +	1	
2095	1.50	1.50	1.50/*1.50	1.50/*1.50	----	1.50 - 0.40	.0400		5			65 -	1	
2100	1.80	1.80	1.80/*1.40	1.80/*1.40	----	1.40 - 0.40	.0372		13			4500 -	13	
2105	1.40	1.40	1.40/*1.30A	1.40/*1.30A	----	1.30 - 0.30	.0344		1			188 -	5	
2110			---/*1.20A	---/*1.20A	----	1.20 - 0.30	.0318							



PG64 BULLETIN # 19@				METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64
	GLOBAL OPEN	OPEN OPEN	OUTCRY RANGE	GLOBAL HIGH/LOW	OPEN HIGH/LOW	OUTCRY RANGE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL® VOLUME	PNT VOLUME	OPEN INTEREST	
OG CALL	COMEX GOLD OPTIONS															
APR23																
1675	----	----	----	273.40B/261.70A	273.40B/261.70A	----	264.30	- 6.40	.9856	----	----	----	----	----	33	UNCH
1680	----	----	----	268.50B/257.40A	268.50B/257.40A	----	259.40	- 6.30	.9853	----	----	----	----	----	11	UNCH
1685	----	----	----	263.40B/252.40A	263.40B/252.40A	----	254.40	- 6.30	.9835	----	----	----	----	----	12	UNCH
1690	----	----	----	258.60B/247.40A	258.60B/247.40A	----	249.50	- 6.30	.9817	----	----	----	----	----	15	UNCH
1695	----	----	----	253.60B/242.60A	253.60B/242.60A	----	244.50	- 6.40	.9813	----	----	----	----	----	6	UNCH
1700	----	----	----	248.70B/237.10A	248.70B/237.10A	----	239.60	- 6.30	.9795	----	----	----	----	----	927	UNCH
1705	----	----	----	243.80B/232.60A	243.80B/232.60A	----	234.60	- 6.40	.9776	----	----	----	----	----	226	UNCH
1710	----	----	----	238.90B/227.70A	238.90B/227.70A	----	229.70	- 6.40	.9757	----	----	----	----	----	2	UNCH
1715	----	----	----	234.00B/222.80A	234.00B/222.80A	----	224.80	- 6.40	.9738	----	----	----	----	----	252	UNCH
1720	----	----	----	229.10B/217.90A	229.10B/217.90A	----	219.90	- 6.40	.9719	----	----	----	----	----	105	UNCH
1725	----	----	----	224.20B/212.60A	224.20B/212.60A	----	215.00	- 6.40	.9699	----	----	----	----	----	273	UNCH
1730	----	----	----	219.20B/208.20A	219.20B/208.20A	----	210.20	- 6.30	.9679	----	----	----	----	----	5	UNCH
1735	----	----	----	214.50B/203.30A	214.50B/203.30A	----	205.30	- 6.40	.9645	----	----	----	----	----	2	UNCH
1740	205.20	----	205.20	209.60B/198.50A	209.60B/198.50A	----	200.50	- 6.40	.9610	----	----	----	1	----	151	-
1745	----	----	----	204.80B/193.70A	204.80B/193.70A	----	195.70	- 6.40	.9576	----	----	----	----	----	157	UNCH
1750	----	----	----	200.00B/188.50A	200.00B/188.50A	----	190.90	- 6.40	.9541	----	----	----	----	----	976	UNCH
1755	----	----	----	195.20B/184.10A	195.20B/184.10A	----	186.10	- 6.40	.9505	----	----	----	----	----	4	UNCH
1760	----	----	----	190.40B/179.30A	190.40B/179.30A	----	181.30	- 6.40	.9469	----	----	----	----	----	54	UNCH
1765	----	----	----	185.60B/174.70A	185.60B/174.70A	----	176.60	- 6.40	.9421	----	----	----	----	----	5	UNCH
1770	----	----	----	180.90B/170.00A	180.90B/170.00A	----	171.90	- 6.30	.9383	----	----	----	----	----	111	UNCH
1775	----	----	----	176												

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.

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BULLETIN # 19@				METALS OPTION PRODUCTS										Mon, Jan 30, 2023				PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE		SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME		OPEN INTEREST		
OG CALL																		
APR23																		
2475	0.50	0.50		0.50/*0.40A	0.50/*0.40A	----			0.40 UNCH	.0059	----	----	3	----	76 -	2		
2500	0.40	0.40		0.40/*0.30	0.40/*0.30	----			0.40 UNCH	.0057	----	----	43	----	948 +	37		
2525	----	----		----	----	----			0.30 - 0.10	.0043	----	----	----	----	374	UNCH		
2550	----	----		----	----	----			0.30 UNCH	.0042	----	----	27	----	383 +	23		
2700	0.20	0.20		0.20/0.20	0.20/0.20	----			0.20 UNCH	.0025	----	----	15	----	1274 -	15		
3000	----	----		----	----	----			0.10 - 0.10	.0011	----	----	4195	800	59595 -	1337		
TOTAL																		
MAY23																		
1250	----	----		714.40B/704.30A	714.40B/704.30A	----			706.00 - 6.30	1.0000	----	----	----	----	1	UNCH		
1300	----	----		664.40B/654.40A	664.40B/654.40A	----			656.00 - 6.30	1.0000	----	----	----	----	9	UNCH		
1570	----	----		394.60B/384.10A	394.60B/384.10A	----			386.00 - 6.30	.9946	----	----	----	----	5	UNCH		
1580	----	----		384.60B/374.20A	384.60B/374.20A	----			376.00 - 6.30	.9929	----	----	----	----	1	UNCH		
1595	----	----		369.60B/359.10A	369.60B/359.10A	----			361.00 - 6.30	.9910	----	----	----	----	1	UNCH		
1600	----	----		364.70B/354.10A	364.70B/354.10A	----			356.00 - 6.30	.9909	----	----	----	----	4	UNCH		
1610	----	----		354.70B/344.10A	354.70B/344.10A	----			346.00 - 6.30	.9892	----	----	----	----	2	UNCH		
1625	----	----		339.70B/328.20A	339.70B/328.20A	----			331.00 - 6.30	.9872	----	----	----	----	4	UNCH		
1630	----	----		334.90B/324.10A	334.90B/324.10A	----			326.00 - 6.30	.9857	----	----	----	----	2	UNCH		
1635	----	----		329.80B/319.10A	329.80B/319.10A	----			321.00 - 6.30	.9855	----	----	----	----	1	UNCH		
1650	----	----		315.10B/303.50A	315.10B/303.50A	----			306.10 - 6.30	.9822	----	----	----	----	6	UNCH		
1660	----	----		305.10B/294.30A	305.10B/294.30A	----			296.20 - 6.30	.9791	----	----	----	----	6	UNCH		
1665	----	----		300.20B/289.40A	300.20B/289.40A	----			291.30 - 6.30	.9775	----	----	----	----	6	UNCH		
1670	----	----		295.30B/284.50A	295.30B/284.50A	----			286.40 - 6.20	.9760	----	----	----	----	8	UNCH		
1675	----	----		290.30B/278.90A	290.30B/278.90A	----			281.50 - 6.20	.9744	----	----	----	----	7	UNCH		
1680	----	----		285.50B/274.70A	285.50B/274.70A	----			276.60 - 6.20	.9728	----	----	----	----	9	UNCH		
1685	----	----		280.60B/269.80A	280.60B/269.80A	----			271.70 - 6.20	.9701	----	----	----	----	3	UNCH		
1690	----	----		275.60B/265.00A	275.60B/265.00A	----			266.80 - 6.20	.9685	----	----	----	----	7	UNCH		
1695	----	----		270.90B/260.10A	270.90B/260.10A	----			261.90 - 6.20	.9669	----	----	----	----	8	UNCH		
1700	----	----		266.00B/254.60A	266.00B/254.60A	----			257.00 - 6.30	.9652	----	----	----	33	UNCH			
1705	----	----		261.00B/250.40A	261.00B/250.40A	----			252.10 - 6.30	.9635	----	----	----	6	UNCH			
1710	----	----		256.20B/245.50A	256.20B/245.50A	----			247.30 - 6.20	.9607	----	----	----	1	UNCH			
1715	----	----		251.30B/240.70A	251.30B/240.70A	----			242.60 - 6.00	.9568	----	----	----	1	UNCH			
1720	----	----		246.50B/235.90A	246.50B/235.90A	----			237.80 - 6.00	.9540	----	----	----	4	UNCH			
1735	----	----		232.30B/221.50A	232.30B/221.50A	----			223.40 - 6.10	.9454	----	----	----	2	UNCH			
1740	----	----		227.40B/216.80A	227.40B/216.80A	----			218.60 - 6.20	.9424	----	----	----	4	UNCH			
1750	----	----		218.10B/206.90A	218.10B/206.90A	----			209.20 - 6.10	.9344	----	----	----	287	UNCH			
1760	----	----		208.60B/198.00A	208.60B/198.00A	----			199.90 - 6.10	.9263	----	----	----	1	UNCH			
1775	----	----		194.70B/183.80A	194.70B/183.80A	----			186.10 - 6.10	.9110	----	3	----	296	UNCH			
1785	----	----		185.60B/174.80A	185.60B/174.80A	----			177.00 - 6.10	.8998	----	----	----	3	UNCH			
1790	----	----		181.10B/170.30A	181.10B/170.30A	----			172.50 - 6.10	.8937	----	----	----	2	UNCH			
1800	----	----		172.20B/161.50A	172.20B/161.50A	----			163.70 - 6.00	.8806	----	----	----	225	UNCH			
1810	----	----		163.40B/152.70A	163.40B/152.70A	----			154.90 - 6.00	.8665	----	----	----	2	UNCH			
1825	----	----		150.40B/140.00A	150.40B/140.00A	----			142.20 - 5.90	.8427	----	----	----	119	UNCH			
1830	----	----		146.10B/135.80A	146.10B/135.80A	----			138.00 - 5.90	.8340	----	1	----	22	UNCH			
1835	----	----		141.90B/131.70A	141.90B/131.70A	----			133.80 - 5.90	.8246	----	----	----	5	UNCH			
1840	----	----		137.80B/127.70A	137.80B/127.70A	----			129.80 - 5.80	.8151	----	1	----	125	UNCH			
1845	----	----		133.70B/123.70A	133.70B/123.70A	----			125.70 - 5.80	.8056	----	----	----	1	UNCH			
1850	----	----		129.60B/119.70A	129.60B/119.70A	----			121.70 - 5.80	.7955	----	6	----	994 +	6			
1855	----	----		125.60B/115.80A	125.60B/115.80A	----			117.80 - 5.80	.7853	----	----	----	1	UNCH			
1860	----	----		121.70B/112.00A	121.70B/112.00A	----			113.90 - 5.80	.7744	----	----	----	2	UNCH			
1865	----	----		117.80B/108.20A	117.80B/108.20A	----			110.10 - 5.80	.7631	----	----	----	12	UNCH			
1870	----	----		114.00B/104.50A	114.00B/104.50A	----			106.40 - 5.70	.7516	----	----	----	110	UNCH			
1875	----	----		110.20B/100.90A	110.20B/100.90A	----			102.70 - 5.70	.7397	----	----	----	4	UNCH			
1880	----	----		106.50B/97.30A	106.50B/97.30A	----			99.20 - 5.50	.7273	----	----	----	3	UNCH			
1885	----	----		102.90B/93.80A	102.90B/93.80A	----			95.60 - 5.60	.7148	----	----	----	4	UNCH			
1890	----	----		99.30B/90.40A	99.30B/90.40A	----			92.20 - 5.40	.7019	----	----	----	23	UNCH			
1895	----	----		95.80B/87.10A	95.80B/87.10A	----			88.80 - 5.40	.6887	----	----	----	17	UNCH			
1900	----	----		92.40B/83.80A	92.40B/83.80A	----			85.50 - 5.30	.6751	----	----	----	625	UNCH			
1910	----	----		85.80B/77.60A	85.80B/77.60A	----			79.20 - 5.10	.6473	----	----	----	46	UNCH			
1920	----	----		79.50B/71.60A	79.50B/71.60A	----			73.20 - 5.00	.6187	----	----	----	14 -	1			
1925	----	----		76.60B/68.80A	76.60B/68.80A	----			70.30 - 4.90	.6043	----	3	----	673	UNCH			
1930	----	----		73.70B/66.00A	73.70B/66.00A	----			67.50 - 4.80	.5896	----	----	----	12	UNCH			
1935	----	----		70.80B/63.30A	70.80B/63.30A	----			64.70 - 4.80	.5749	----	----	----	10	UNCH			
1940	----	----		68.50B/60.70A	68.50B/60.70A	----			62.10 - 4.70	.5601	----	----	----	38	UNCH			
1945	----	----		65.80B/58.20A	65.80B/58.20A	----			59.50 - 4.70	.5453	----	1	----	88	UNCH			
1950	----	----		63.20B/55.80A	63.20B/55.80A	----			57.00 - 4.60	.5304	----	15	----	530	UNCH			
1955	----	----		60.60B/53.40A	60.60B/53.40A	----			54.60 - 4.60	.5156	----	5	----					

PG64	BULLETIN # 19@				METALS OPTION PRODUCTS						Mon, Jan 30, 2023				PG64
	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			
OG CALL	COMEX GOLD OPTIONS														
MAY23															
2330	----	----	----/*2.40A	----/*2.40A	----	2.50 - 0.40	.0335	----	----	2	----	15 +	2		
2340	----	----	----/*2.40A	----/*2.40A	----	2.30 - 0.30	.0310	----	----	7	----	47 +	5		
2350	2.30	2.30	2.30/*2.20A	2.30/*2.20A	----	2.20 - 0.40	.0294	----	----	2	----	64 -	2		
2360	----	----	----/*2.10A	----/*2.10A	----	2.10 - 0.40	.0280	----	----	----	----	11	UNCH		
2370	----	----	----/*2.00A	----/*2.00A	----	1.90 - 0.40	.0255	----	----	----	----	180 -	3		
2375	----	----	----/*1.90A	----/*1.90A	----	1.80 - 0.40	.0243	----	4	----	----	65 +	2		
2400	----	----	----/*1.70A	----/*1.70A	----	1.60 - 0.30	.0213	----	12	----	----	325 -	7		
2425	----	----	----/*1.50A	----/*1.50A	----	1.40 - 0.30	.0185	----	----	----	----	90	UNCH		
2450	----	----	----/*1.30A	----/*1.30A	----	1.20 - 0.30	.0159	----	4	----	----	35 -	1		
2475	----	----	----/*1.20A	----/*1.20A	----	1.10 - 0.20	.0143	----	7	----	----	7	UNCH		
2500	----	----	----/*1.00A	----/*1.00A	----	1.00 - 0.10	.0128	----	----	----	----	140	UNCH		
2525	----	----	----	----	----	0.90 - 0.10	.0114	----	----	----	----	6	UNCH		
2550	----	----	----	----	----	0.80 - 0.10	.0101	----	----	----	----	60	UNCH		
2600	0.60	0.60	0.60/*0.50	0.60/*0.50	----	0.70 UNCH	.0086	----	----	26	----	102 +	26		
2750	0.30	0.30	0.30/*0.30	0.30/*0.30	----	0.40 - 0.10	.0047	----	----	20	----	281 +	20		
TOTAL										1990		19823 +	1505		
JUN23															
1400	----	----	564.20B/554.60A	564.20B/554.60A	----	556.00 - 6.30	1.0000	----	----	----	----	212	UNCH		
1450	----	----	514.20B/504.50A	514.20B/504.50A	----	506.00 - 6.30	.9997	----	----	----	----	3	UNCH		
1485	----	----	479.30B/469.50A	479.30B/469.50A	----	471.00 - 6.30	.9974	----	----	----	----	200	UNCH		
1500	----	----	464.30B/454.50A	464.30B/454.50A	----	456.00 - 6.30	.9957	----	----	----	----	448	UNCH		
1570	----	----	394.40B/384.40A	394.40B/384.40A	----	386.00 - 6.30	.9862	----	----	----	----	1	UNCH		
1575	----	----	389.40B/378.20A	389.40B/378.20A	----	381.00 - 6.30	.9849	----	----	----	----	12	UNCH		
1585	----	----	379.50B/369.40A	379.50B/369.40A	----	371.00 - 6.30	.9833	----	----	----	----	2	UNCH		
1590	----	----	374.50B/364.50A	374.50B/364.50A	----	366.00 - 6.30	.9820	----	----	----	----	2	UNCH		
1600	----	----	364.70B/353.40A	364.70B/353.40A	----	356.10 - 6.20	.9805	----	----	----	----	44	UNCH		
1605	----	----	359.70B/349.40A	359.70B/349.40A	----	351.10 - 6.30	.9791	----	----	----	----	6	UNCH		
1615	----	----	349.80B/339.50A	349.80B/339.50A	----	341.20 - 6.30	.9765	----	----	----	----	2	UNCH		
1625	----	----	340.00B/328.80A	340.00B/328.80A	----	331.40 - 6.20	.9738	----	----	----	----	7	UNCH		
1630	----	----	335.20B/324.80A	335.20B/324.80A	----	326.40 - 6.30	.9725	----	----	----	----	1	UNCH		
1640	----	----	325.30B/315.00A	325.30B/315.00A	----	316.60 - 6.30	.9688	----	----	----	----	1	UNCH		
1650	----	----	315.70B/304.50A	315.70B/304.50A	----	306.90 - 6.20	.9650	----	----	----	----	14	UNCH		
1660	----	----	305.90B/295.50A	305.90B/295.50A	----	297.10 - 6.30	.9613	----	----	----	----	50	UNCH		
1665	----	----	301.10B/290.60A	301.10B/290.60A	----	292.30 - 6.20	.9598	----	----	----	----	30	UNCH		
1670	----	----	296.10B/285.80A	296.10B/285.80A	----	287.50 - 6.20	.9574	----	----	----	----	91	UNCH		
1675	----	----	291.40B/280.40A	291.40B/280.40A	----	282.70 - 6.20	.9550	----	----	----	----	314	UNCH		
1680	----	----	286.60B/276.20A	286.60B/276.20A	----	277.90 - 6.20	.9526	----	----	----	----	3	UNCH		
1685	----	----	281.80B/271.40A	281.80B/271.40A	----	273.10 - 6.20	.9502	----	----	----	----	11	UNCH		
1690	----	----	277.00B/266.60A	277.00B/266.60A	----	268.30 - 6.20	.9469	----	----	----	----	9	UNCH		
1695	----	----	272.30B/261.80A	272.30B/261.80A	----	263.50 - 6.20	.9444	----	----	----	----	5	UNCH		
1700	----	----	267.50B/256.50A	267.50B/256.50A	----	258.80 - 6.20	.9411	----	----	----	----	749	UNCH		
1705	----	----	262.80B/252.40A	262.80B/252.40A	----	254.10 - 6.10	.9378	----	----	----	----	3	UNCH		
1710	----	----	258.00B/247.70A	258.00B/247.70A	----	249.40 - 6.10	.9352	----	----	----	----	4	UNCH		
1715	----	----	253.40B/243.00A	253.40B/243.00A	----	244.70 - 6.10	.9310	----	----	----	----	6	UNCH		
1720	----	----	248.70B/238.30A	248.70B/238.30A	----	240.00 - 6.20	.9276	----	----	----	----	10	UNCH		
1725	----	----	244.00B/233.20A	244.00B/233.20A	----	235.40 - 6.10	.9242	----	----	----	----	94	UNCH		
1730	----	----	239.40B/229.10A	239.40B/229.10A	----	230.80 - 6.10	.9200	----	----	----	----	8	UNCH		
1735	----	----	234.80B/224.40A	234.80B/224.40A	----	226.20 - 6.10	.9157	----	----	----	----	201	UNCH		
1740	----	----	230.20B/219.80A	230.20B/219.80A	----	221.60 - 6.10	.9114	----	----	----	----	1	UNCH		
1745	----	----	225.60B/215.10A	225.60B/215.10A	----	217.10 - 6.00	.9071	----	----	----	----	22	UNCH		
1750	----	----	221.10B/210.20A	221.10B/210.20A	----	212.50 - 6.10	.9021	----	----	----	----	1058	UNCH		
1755	----	----	216.60B/205.80A	216.60B/205.80A	----	208.00 - 6.10	.8970	----	----	----	----	1	UNCH		
1760	----	----	212.10B/201.30A	212.10B/201.30A	----	203.60 - 6.00	.8919	----	----	----	----	30	UNCH		
1765	----	----	207.60B/196.90A	207.60B/196.90A	----	199.10 - 6.00	.8868	----	----	----	----	24	UNCH		
1770	----	----	203.10B/192.50A	203.10B/192.50A	----	194.70 - 6.00	.8816	----	----	----	----	4	UNCH		
1775	----	----	198.80B/188.10A	198.80B/188.10A	----	190.30 - 6.00	.8757	----	----	----	----	226	UNCH		
1780	----	----	194.30B/183.80A	194.30B/183.80A	----	185.90 - 6.00	.8698	----	----	----	----	2	UNCH		
1790	----	----	185.70B/175.20A	185.70B/175.20A	----	177.30 - 6.00	.8567	----	----	----	----	11	UNCH		
1795	----	----	181.40B/170.90A	181.40B/170.90A	----	173.10 - 5.90	.8500	----	----	----	----	1	UNCH		
1800	----	----	177.30B/166.70A	177.30B/166.70A	----	168.90 - 5.90	.8433	----	----	----	----	1641	UNCH		
1805	----	----	172.90B/162.60A	172.90B/162.60A	----	164.70 - 5.90	.8361	----	----	----	----	14	UNCH		
1810	----	----	168.80B/158.50A	168.80B/158.50A	----	160.50 - 6.00	.8288	----	----	----	----	46	UNCH		
1815	----	----	164.70B/154.40A	164.70B/154.40A	----	156.40 - 6.00	.8209	----	----	----	----	40			

PG64	BULLETIN # 19@				METALS OPTION PRODUCTS					Mon, Jan 30, 2023				PG64
	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		
OG CALL	COMEX GOLD OPTIONS													
JUN23														
2200	11.60	11.60	11.60/11.40A	11.60/11.40A	----	11.50 - 1.40	.1230	----	----	1	----	4055 -	1	
2210	----	----	----/10.70A	----/10.70A	----	10.80 - 1.30	.1159	----	----	----	----	2 UNCH		
2215	10.50	10.50	10.50/10.40A	10.50/10.40A	----	10.40 - 1.30	.1120	----	----	1	----	44 +	1	
2220	----	----	----/10.00A	----/10.00A	----	10.10 - 1.20	.1089	----	----	----	----	38 UNCH		
2225	----	----	----/9.70A	----/9.70A	----	9.80 - 1.20	.1058	----	----	----	----	24 UNCH		
2230	----	----	----/9.40A	----/9.40A	----	9.50 - 1.20	.1027	----	----	----	----	75 UNCH		
2235	----	----	----/9.20A	----/9.20A	----	9.20 - 1.10	.0997	----	----	----	----	16 UNCH		
2240	----	----	----/8.90A	----/8.90A	----	8.90 - 1.10	.0966	----	----	----	----	31 UNCH		
2245	----	----	----/8.60A	----/8.60A	----	8.60 - 1.10	.0936	----	----	----	----	1791 UNCH		
2250	----	----	----/8.40A	----/8.40A	----	8.40 - 1.00	.0913	----	----	----	----	1751 UNCH		
2255	----	----	----/8.10A	----/8.10A	----	8.10 - 1.10	.0884	----	----	----	----	1 UNCH		
2260	----	----	----/7.90A	----/7.90A	----	7.90 - 1.00	.0861	----	----	----	----	1 UNCH		
2265	----	----	----/7.70A	----/7.70A	----	7.70 - 0.90	.0839	----	----	----	----	3 UNCH		
2270	----	----	----/7.40A	----/7.40A	----	7.40 - 1.00	.0810	----	----	----	----	38 UNCH		
2275	7.60	7.60	8.00B/7.20A	8.00B/7.20A	----	7.20 - 1.00	.0788	----	----	3	----	138 +	3	
2285	----	----	----/6.80A	----/6.80A	----	6.80 - 0.90	.0745	----	----	----	----	6 UNCH		
2290	----	----	----/6.60A	----/6.60A	----	6.60 - 0.90	.0724	----	----	----	----	0 UNCH		
2295	----	----	----/6.40A	----/6.40A	----	6.40 - 0.90	.0703	----	----	----	----	4 UNCH		
2300	6.60	6.60	6.60/6.30A	6.60/6.30A	----	6.20 - 0.90	.0682	----	----	6	----	3851 +	3	
2310	----	----	----/6.00A	----/6.00A	----	5.90 - 0.80	.0649	----	----	----	----	15 UNCH		
2315	----	----	----/5.80A	----/5.80A	----	5.70 - 0.80	.0628	----	----	----	----	1 UNCH		
2320	----	----	----/5.60A	----/5.60A	----	5.60 - 0.70	.0615	----	----	----	----	2 UNCH		
2325	----	----	----/5.50A	----/5.50A	----	5.40 - 0.80	.0595	----	----	2	----	36 +	2	
2330	----	----	----/5.40A	----/5.40A	----	5.30 - 0.70	.0583	----	----	----	----	1 UNCH		
2335	----	----	----/5.20A	----/5.20A	----	5.10 - 0.70	.0563	----	----	----	----	1 UNCH		
2340	----	----	----/5.10A	----/5.10A	----	5.00 - 0.70	.0551	----	----	----	----	1 UNCH		
2350	4.80	4.80	4.80/*4.80	4.80/*4.80	----	4.80 - 0.60	.0527	----	3	----	----	86 +	1	
2360	----	----	----/4.60A	----/4.60A	----	4.50 - 0.60	.0496	----	1	----	----	29 +	1	
2370	----	----	----/4.30A	----/4.30A	----	4.30 - 0.60	.0473	----	----	----	----	14 UNCH		
2375	----	----	----/4.20A	----/4.20A	----	4.20 - 0.50	.0462	----	----	----	----	26 UNCH		
2380	----	----	----/4.10A	----/4.10A	----	4.10 - 0.50	.0450	----	----	----	----	3 UNCH		
2390	----	----	----/3.90A	----/3.90A	----	3.90 - 0.50	.0428	----	----	----	----	3 UNCH		
2400	4.40	4.40	4.40/*3.80A	4.40/*3.80A	----	3.70 - 0.50	.0406	----	1	----	----	928 -	1	
2410	----	----	----/3.60A	----/3.60A	----	3.50 NEW	.0385	----	1	----	----	1 +	1	
2420	----	----	----/3.40A	----/3.40A	----	3.40 - 0.40	.0372	----	----	----	----	10 UNCH		
2425	----	----	----/3.30A	----/3.30A	----	3.30 - 0.40	.0361	----	----	----	----	20 UNCH		
2430	----	----	----/3.30A	----/3.30A	----	3.20 - 0.40	.0351	----	----	----	----	3 UNCH		
2440	----	----	----/3.10A	----/3.10A	----	3.10 - 0.30	.0338	----	----	----	----	9 UNCH		
2450	----	----	----/3.00A	----/3.00A	----	2.90 - 0.40	.0318	----	----	----	----	55 UNCH		
2475	2.60	2.60	2.60/*2.50	2.60/*2.50	----	2.60 - 0.30	.0284	----	7	----	----	8 +	7	
2500	2.30	2.30	2.30/*2.30	2.30/*2.30	----	2.40 - 0.20	.0259	----	12	----	----	1528 +	12	
2550	2.00	2.00	2.00/*2.00	2.00/*2.00	----	1.90 - 0.20	.0205	----	10	----	----	55 +	10	
2575	----	----	----/*1.80A	----/*1.80A	----	1.80 - 0.10	.0191	----	----	----	----	9 UNCH		
2600	----	----	----	----	----	1.60 - 0.10	.0170	----	----	----	----	1396 UNCH		
2625	----	----	----/*1.50A	----/*1.50A	----	1.50 - 0.10	.0158	----	----	----	----	80 UNCH		
2700	----	----	----	----	----	1.10 - 0.10	.0115	----	----	----	----	856 UNCH		
2850	0.70	0.70	0.70/*0.70	0.70/*0.70	----	0.70 - 0.10	.0071	----	1	----	----	68 UNCH		
2900	----	----	----	----	----	0.60 - 0.10	.0060	----	----	----	----	20 UNCH		
3000	----	----	----	----	----	0.50 - 0.10	.0048	----	----	----	----	1998 UNCH		
TOTAL										377		70779 +	121	
JUL23														
1300	----	----	680.70B/671.70A	680.70B/671.70A	----	672.70 - 6.30	1.0000	----	----	----	----	2 UNCH		
1430	----	----	550.90B/541.60A	550.90B/541.60A	----	542.70 - 6.30	.9987	----	----	----	----	2 UNCH		
1480	----	----	500.90B/491.50A	500.90B/491.50A	----	492.70 - 6.30	.9938	----	----	----	----	1 UNCH		
1490	----	----	491.00B/481.50A	491.00B/481.50A	----	482.70 - 6.30	.9924	----	----	----	----	1 UNCH		
1500	----	----	481.00B/471.50A	481.00B/471.50A	----	472.70 - 6.30	.9921	----	----	----	----	16 UNCH		
1510	----	----	471.00B/461.50A	471.00B/461.50A	----	462.70 - 6.30	.9907	----	----	----	----	1 UNCH		
1530	----	----	451.00B/441.50A	451.00B/441.50A	----	442.70 - 6.30	.9868	----	----	----	----	1 UNCH		
1565	----	----	416.20B/406.50A	416.20B/406.50A	----	407.70 - 6.30	.9805	----	----	----	----	1 UNCH		
1625	----	----	357.10B/346.20A	357.10B/346.20A	----	348.40 - 6.30	.9645	----	----	----	----	3 UNCH		
1650	----	----	333.10B/322.00A	333.10B/322.00A	----	324.20 - 6.20	.9557	----	----	----	----	3 UNCH		
1670	----	----	313.90B/303.70A	313.90B/303.70A	----	305.00 - 6.20	.9464	----	----	----	----	1 UNCH		
1675	----	----	309.10B/298.10A	309.10B/298.10A	----	300.30 - 6.10	.9435	----	----	----	----	1 UNCH		
1680	----	----	304.40B/294.10A	304.40B/294.10A	----	295.50 - 6.20	.9406	----	----	----	----	30 UNCH		
1685	----	----	299.70B/289.40A	299.70B/289.40A	----	290.80 - 6.10	.9384	----	----	----	----	1 UNCH		
1700	----	----	285.60B/274.60A	285.60B/274.60A	----	276.70 - 6.20	.9289	----	----	----	----	9 UNCH		
1735	----	----	253.30B/242.50A	253.30B/242.50A	----	244.50 - 6.20	.9043	----	----	----	----	1 UNCH		
1750	----	----	239.90B/229.00A	239.90B/229.00A	----	231.10 - 6.10	.8910	----	----	----	----	314 UNCH		
1765	----	----	226.50B/215.80A	226.50B/215.80A	----	217.90								



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CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64	BULLETIN # 19@			METALS OPTION PRODUCTS										Mon, Jan 30, 2023			PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN VOLUME	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME		OPEN INTEREST	
OG CALL	COMEX GOLD OPTIONS																
JUL23																	
2265	----	----	----	----/13.80A	----/13.80A	----	----	13.90 - 1.40	.1258	----	----	----	----	----		1	UNCH
2270	----	----	----	----/13.50A	----/13.50A	----	----	13.50 - 1.40	.1226	----	----	----	----	----		6	UNCH
2275	----	----	----	----/13.10A	----/13.10A	----	----	13.20 - 1.30	.1199	----	----	----	----	----		7	UNCH
2280	----	----	----	----/12.80A	----/12.80A	----	----	12.90 - 1.30	.1172	----	----	----	----	----		1	UNCH
2300	----	----	----	----/11.60A	----/11.60A	----	----	11.60 - 1.20	.1061	----	----	----	----	----	4329	11	UNCH
2325	----	----	----	----/10.30A	----/10.30A	----	----	10.30 - 1.10	.0946	----	----	----	----	----		2	UNCH
2330	----	----	----	----/10.10A	----/10.10A	----	----	10.10 - 1.00	.0927	----	----	----	----	----		2	UNCH
2340	----	----	----	----/9.60A	----/9.60A	----	----	9.60 - 1.00	.0884	----	----	----	----	----		2	UNCH
2350	----	----	----	----/9.20A	----/9.20A	----	----	9.10 - 1.00	.0841	----	----	----	----	----		10	UNCH
2360	----	----	----	----/8.80A	----/8.80A	----	----	8.70 - 1.00	.0804	----	----	----	----	----		2	UNCH
2370	8.50	8.50		8.90B/8.40A	8.90B/8.40A			8.30 - 0.90	.0768				14			14 +	13
2380	8.20	8.20		8.50B/8.00A	8.50B/8.00A			8.00 NEW	.0739				22			22 +	22
2400	7.70	7.70		7.70/7.40A	7.70/7.40A			7.30 - 0.80	.0676				53			261 +	42
2425	----	----	----	----/*6.60A	----/*6.60A	----	----	6.50 - 0.80	.0604	----	----	----	----	----		1	UNCH
2450	----	----	----	----/*6.00A	----/*6.00A	----	----	5.90 - 0.60	.0547	----	----	----	----	----		50	UNCH
2475	----	----	----	----/*5.40A	----/*5.40A	----	----	5.30 - 0.60	.0492	----	----	----	----	----		5	UNCH
2500	----	----	----	----/*4.90A	----/*4.90A	----	----	4.80 - 0.60	.0445	----	----	----	----	----		794	UNCH
2550	----	----	----	----/*4.10A	----/*4.10A	----	----	4.00 - 0.40	.0369	----	----	----	----	----		10	UNCH
2575	----	----	----	----/*3.80A	----/*3.80A	----	----	3.70 - 0.40	.0340	----	----	----	----	----		2	UNCH
2700	2.30	2.30		2.30/*2.30	2.30/*2.30	----	----	2.50 - 0.20	.0225	----	----	----	11	----		194 +	11
TOTAL													256			15452 +	82
AUG23																	
1450	----	----	----	530.60B/521.70A	530.60B/521.70A	----	----	522.70 - 6.30	.9932	----	----	----	----	----		2	UNCH
1500	----	----	----	480.70B/471.60A	480.70B/471.60A	----	----	472.70 - 6.30	.9857	----	----	----	----	----		17	UNCH
1550	----	----	----	431.00B/420.20A	431.00B/420.20A	----	----	422.70 - 6.30	.9757	----	----	----	----	----		2	UNCH
1575	----	----	----	406.40B/395.70A	406.40B/395.70A	----	----	398.00 - 6.20	.9694	----	----	----	----	----		1	UNCH
1600	----	----	----	381.90B/371.30A	381.90B/371.30A	----	----	373.50 - 6.20	.9615	----	----	----	----	----		17	UNCH
1625	----	----	----	357.80B/347.20A	357.80B/347.20A	----	----	349.30 - 6.20	.9526	----	----	----	----	----		4	UNCH
1645	----	----	----	338.70B/329.00A	338.70B/329.00A	----	----	330.10 - 6.30	.9435	----	----	----	----	----		2	UNCH
1650	----	----	----	334.00B/323.30A	334.00B/323.30A	----	----	325.40 - 6.20	.9415	----	----	----	----	----	80	1	UNCH
1665	----	----	----	319.80B/310.10A	319.80B/310.10A	----	----	311.20 - 6.30	.9336	----	----	----	----	----		1	UNCH
1670	----	----	----	315.20B/305.40A	315.20B/305.40A	----	----	306.60 - 6.20	.9309	----	----	----	----	----		1	UNCH
1700	----	----	----	287.40B/276.80A	287.40B/276.80A	----	----	278.80 - 6.20	.9121	----	----	----	----	----		238	UNCH
1720	----	----	----	269.30B/258.80A	269.30B/258.80A	----	----	260.80 - 6.10	.8973	----	----	----	----	----		4	UNCH
1735	----	----	----	255.90B/245.40A	255.90B/245.40A	----	----	247.40 - 6.10	.8846	----	----	----	----	----		1	UNCH
1750	----	----	----	242.70B/232.30A	242.70B/232.30A	----	----	234.30 - 6.10	.8708	----	----	----	----	----		420	UNCH
1775	----	----	----	221.40B/211.10A	221.40B/211.10A	----	----	213.10 - 5.90	.8448	----	----	----	----	----		815	UNCH
1800	----	----	----	200.70B/190.70A	200.70B/190.70A	----	----	192.50 - 6.00	.8153	----	----	----	----	----		36	UNCH
1815	----	----	----	188.70B/178.90A	188.70B/178.90A	----	----	180.70 - 5.90	.7953	----	----	----	----	----		7	UNCH
1825	----	----	----	180.80B/171.30A	180.80B/171.30A	----	----	173.10 - 5.90	.7812	----	----	----	----	----		65	UNCH
1830	----	----	----	176.90B/167.50A	176.90B/167.50A	----	----	169.30 - 5.90	.7738	----	----	----	----	----	1000	1	UNCH
1835	----	----	----	173.20B/163.80A	173.20B/163.80A	----	----	165.60 - 5.80	.7664	----	----	----	----	----		5	UNCH
1850	----	----	----	162.10B/152.90A	162.10B/152.90A	----	----	154.70 - 5.70	.7431	----	----	----	----	----		124	UNCH
1855	----	----	----	158.40B/149.40A	158.40B/149.40A	----	----	151.10 - 5.70	.7350	----	----	----	----	----		7	UNCH
1875	----	----	----	144.40B/135.80A	144.40B/135.80A	----	----	137.40 - 5.60	.7018	----	----	----	----	----		5	UNCH
1885	----	----	----	137.70B													

PG64	BULLETIN # 19@				METALS OPTION PRODUCTS							Mon, Jan 30, 2023				PG64
	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				
OG CALL	COMEX GOLD OPTIONS															
SEP23																
2150	----	----	----/43.80A	----/43.80A	----	44.20 - 2.90	.2915	----	----	----	----	5000	UNCH			
2155	----	----	----/42.90A	----/42.90A	----	43.20 - 2.90	.2860	----	----	----	----	88	UNCH			
2195	----	----	----/36.20A	----/36.20A	----	36.40 - 2.50	.2461	----	----	----	----	1	UNCH			
2200	----	----	----/35.40A	----/35.40A	----	35.60 - 2.50	.2414	----	----	----	----	475	UNCH			
2215	----	----	----/32.90A	----/32.90A	----	33.40 - 2.40	.2281	----	----	----	----	48	UNCH			
2225	----	----	----/31.90A	----/31.90A	----	32.00 - 2.30	.2196	----	----	----	----	2	UNCH			
2240	----	----	----/30.00A	----/30.00A	----	30.10 - 2.20	.2077	----	----	----	----	5	UNCH			
2250	----	----	----/28.80A	----/28.80A	----	28.90 - 2.10	.2002	----	----	----	----	48	UNCH			
2275	----	----	----/26.00A	----/26.00A	----	26.10 - 1.90	.1824	----	----	9	----	481 +	9			
2300	23.70	23.70	23.70/23.60A	23.70/23.60A	----	23.70 - 1.70	.1667	----	----	5	----	1160 +	5			
2400	----	----	----/16.40A	----/16.40A	----	16.30 - 1.30	.1170	----	----	----	----	848	UNCH			
2500	----	----	----/11.80A	----/11.80A	----	11.70 - 1.00	.0845	----	----	----	----	571	UNCH			
2550	----	----	----/10.10A	----/10.10A	----	10.00 - 0.80	.0724	----	----	----	----	1125	UNCH			
2575	----	----	----/9.40A	----/9.40A	----	9.30 - 0.80	.0673	----	----	----	----	60	UNCH			
3000	----	----	----/*3.40A	----/*3.40A	----	3.40 - 0.20	.0237	----	----	----	----	206	UNCH			
TOTAL										70		35245 +	14			
OCT23																
1725	----	----	285.80B/275.80A	285.80B/275.80A	----	277.80 - 6.00	.8707	----	----	----	----	1	UNCH			
1800	----	----	223.80B/214.20A	223.80B/214.20A	----	216.10 - 5.80	.7985	----	----	----	----	23	UNCH			
1840	----	----	193.60B/184.50A	193.60B/184.50A	----	186.20 - 5.70	.7495	----	----	----	----	210	UNCH			
1850	----	----	186.40B/177.50A	186.40B/177.50A	----	179.20 - 5.60	.7363	----	----	----	----	13	UNCH			
1900	----	----	153.10B/145.10A	153.10B/145.10A	----	146.60 - 5.40	.6638	----	----	----	----	55	UNCH			
1925	----	----	138.20B/130.70A	138.20B/130.70A	----	132.10 - 5.20	.6251	----	----	----	----	101	UNCH			
1950	----	----	124.80B/117.60A	124.80B/117.60A	----	118.80 - 4.90	.5855	----	----	----	----	103	UNCH			
1975	----	----	112.30B/105.60A	112.30B/105.60A	----	106.60 - 4.80	.5456	----	----	----	----	621	UNCH			
2000	----	----	101.00B/94.80A	101.00B/94.80A	----	95.70 - 4.60	.5061	----	----	----	----	206	UNCH			
2040	----	----	85.10B/79.90A	85.10B/79.90A	----	80.60 - 4.10	.4460	----	----	----	----	1	UNCH			
2050	----	----	81.50B/76.60A	81.50B/76.60A	----	77.20 - 4.00	.4316	----	----	----	----	129	UNCH			
2075	----	----	----/68.90A	----/68.90A	----	69.50 - 3.70	.3975	----	----	----	----	6	UNCH			
2080	----	----	----/67.50A	----/67.50A	----	68.00 - NEW	.3908	----	----	50	----	50 +	50			
2100	----	----	----/62.10A	----/62.10A	----	62.60 - 3.40	.3654	----	----	----	----	456	UNCH			
2110	----	----	----/59.60A	----/59.60A	----	60.00 - 3.40	.3531	----	----	----	----	2	UNCH			
2150	----	----	----/50.70A	----/50.70A	----	51.00 - 3.00	.3081	----	----	----	----	102	UNCH			
2160	----	----	----/48.70A	----/48.70A	----	49.00 - 2.90	.2978	----	----	----	----	2	UNCH			
2180	45.80	45.80	45.80/45.10A	45.80/45.10A	----	45.30 - NEW	.2782	----	----	1	----	1 +	1			
2185	----	----	----/44.20A	----/44.20A	----	44.40 - 2.60	.2734	----	----	----	----	26	UNCH			
2200	----	----	----/41.70A	----/41.70A	----	41.90 - 2.50	.2598	----	----	----	----	2015	UNCH			
2260	----	----	----/33.30A	----/33.30A	----	33.40 - 2.10	.2121	----	----	----	----	420	UNCH			
2300	----	----	----/28.90A	----/28.90A	----	29.00 - 1.80	.1861	----	----	----	----	3015	UNCH			
2325	----	----	----/26.50A	----/26.50A	----	26.50 - 1.80	.1713	----	----	----	----	75	UNCH			
2330	----	----	----/26.00A	----/26.00A	----	26.10 - 1.70	.1687	----	----	----	----	11	UNCH			
2350	----	----	----/24.30A	----/24.30A	----	24.40 - 1.60	.1583	----	----	----	----	1000	UNCH			
2375	----	----	----/22.40A	----/22.40A	----	22.40 - 1.50	.1461	----	----	----	----	87	UNCH			
2400	----	----	----/20.70A	----/20.70A	----	20.70 - 1.40	.1354	----	----	----	----	1525	UNCH			
2425	----	----	----/19.10A	----/19.10A	----	19.10 - 1.30	.1254	----	----	----	----	500	UNCH			
2450	----	----	----/17.70A	----/17.70A	----	17.70 - 1.20	.1164	----	----	----	----	25	UNCH			
2500	----	----	----/15.30A	----/15.30A	----	15.20 - 1.10	.1004	----	----	----	----	35	UNCH			
2525	----	----	----/14.20A	----/14.20A	----	14.10 - 1.00	.0933	----	----	----	----	25	UNCH			
2550	----	----	----/13.30A	----/13.30A	----	13.20 - 0.90	.0873	----	----	1	----	1	UNCH			
2575	----	----	----/12.40A	----/12.40A	----	12.30 - 0.80	.0814	----	----	----	----	162	UNCH			
2650	----	----	----/10.20A	----/10.20A	----	10.10 - 0.70	.0668	----	----	----	----	116	UNCH			
3000	4.50	4.50	4.50/*4.50	4.50/*4.50	----	4.70 - 0.30	.0304	----	----	30	----	242 +	20			
TOTAL										82		11362 +	71			
NOV23																
1710	----	----	316.60B/307.00A	316.60B/307.00A	----	308.90 - 6.10	.8799	----	----	----	----	3	UNCH			
1790	----	----	249.70B/240.30A	249.70B/240.30A	----	242.20 - 5.80	.8119	----	----	----	----	1	UNCH			
1875	----	----	186.80B/178.50A	186.80B/178.50A	----	180.10 - 5.60	.7129	----	----	----	----	1	UNCH			
1900	----	----	170.60B/162.60A	170.60B/162.60A	----	164.00 - 5.50	.6791	----	----	----	----	301	UNCH			
1980	----	----	126.00B/119.30A	126.00B/119.30A	----	120.30 - 5.00	.5631	----	----	----	----	6	UNCH			
2000	----	----	116.60B/110.30A	116.60B/110.30A	----	111.20 - 4.90	.5337	----	----	----	----	2	UNCH			
2100	----	----	----/74.90A	----/74.90A	----	75.40 - 4.00	.3986	----	----	80	----	50 -	30			
2150	----	----	----/62.30A	----/62.30A	----	62.50 - 3.60	.3419	----	----	----	----	61	UNCH			
2200	53.80	53.80	53.80/52.00A	53.80/52.00A	----	52.30 - 3.00	.2933	----	----	50	----	700 -	50			
2250	----	----	----/43.80A	----/43.80A	----	44.00 - 2.60	.2518	----	----	----	----	300	UNCH			
2300	----	----	----/37.10A	----/37.10A	----	37.30 - 2.20	.2168	----	----	----	----	214	UNCH			
2400	----	----	----/27.30A	----/27.30A	----	27.30										



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PRELIMINARY

PG64	BULLETIN # 19@										METALS OPTION PRODUCTS					Mon, Jan 30, 2023			PG64
	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				
OG CALL	COMEX GOLD OPTIONS																		
FEB24																			
3000	----	----		----	----	----	----	----	13.80 - 1.20	.0682	----	----	----	----		5		UNCH	
TOTAL															809				0
MAR24																			
2500	47.70	47.70		#47.70/*47.70	#47.70/*47.70	----	----	----	46.00 NEW	.2016	----	----	2	----	2 +				
TOTAL													2		2 +				2
JUN24																			
1850	----	----		----	----	----	----	----	264.30 - 4.60	.7309	----	----	----	----	400			UNCH	
1880	----	----		----	----	----	----	----	244.90 - 4.50	.7036	----	----	----	----	75			UNCH	
1970	----	----		----	----	----	----	----	194.00 - 4.00	.6153	----	----	----	----	100			UNCH	
2000	----	----		----	----	----	----	----	179.40 - 3.90	.5849	----	----	----	----	130			UNCH	
2200	----	----		----	----	----	----	----	111.10 - 2.90	.4032	----	----	----	----	500			UNCH	
TOTAL															1205				0
	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				
GWV WED	GOLD WEEKLY WEDNESDAY OPTION WEEK1																		
FEB23																			
1675	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	1			UNCH	
1700	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	1			UNCH	
1710	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	2			UNCH	
1725	----	----		----	----	----	----	----	0.10 UNCH	.0009	----	----	----	----	2			UNCH	
1730	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	2			UNCH	
1735	----	----		----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	9			UNCH	
1750	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	1			UNCH	
1765	----	----		----	----	----	----	----	0.50 + 0.10	.0142	----	----	----	----	2			UNCH	
1780	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	6			UNCH	
1790	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	5			UNCH	
1795	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	5			UNCH	
1800	----	----		-----/0.90A	-----/0.90A	----	----	----	1.00 UNCH	.0292	----	----	----	----	9			UNCH	
1800	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	15			UNCH	
1800	----	----		----	----	----	----	----	0.10 UNCH	.0020	----	----	----	----	37			UNCH	
1805	----	----		-----/1.00A	-----/1.00A	----	----	----	1.20 UNCH	.0344	----	----	----	----	9			UNCH	
1805	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	10			UNCH	
1810	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	4			UNCH	
1820	----	----		-----/1.50A	-----/1.50A	----	----	----	1.70 UNCH	.0484	----	----	----	----	1			UNCH	
1820	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	20			UNCH	
1825	----	----		-----/1.00A	-----/1.00A	----	----	----	1.00 - 0.10	.0329	----	----	----	----	2			UNCH	
1825	----	----		123.20B/111.50A	123.20B/111.50A	----	----	----	114.30 - 6.40	1.0000	----	----	----	----	1			UNCH	
1825	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	5			UNCH	
1830	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	12			UNCH	
1835	----	----		----	----	----	----	----	0.40 UNCH	.0156	----	----	----	----	2			UNCH	
1835	----	----		113.20B/102.20A	113.20B/102.20A	----	----	----	104.30 - 6.40	1.0000	----	----	----	----	1			UNCH	
1840	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	150			UNCH	
1840	----	----		----	----	----	----	----	0.50 UNCH	.0195	----	----	1	----	26			UNCH	
1845	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	1			UNCH	
1845	----	----		----	----	----	----	----	0.60 UNCH	.0235	----	----	----	----	2			UNCH	
1850	----	----		----	----	----	----	----	0.10 UNCH	----	----	----	----	----	31			UNCH	
1850	----	----		-----/1.00A	-----/1.00A	----	----	----	0.70 - 0.10	.0278	----	----	----	----	62			UNCH	
1855	----	----		93.30B/82.10A	93.30B/82.10A	----	----	----	84.30 - 6.40	1.0000	----	----	----	----	1			UNCH	
1855	----	----		----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	3			UNCH	
1855	----	----		1.00B/----	1.00B/----	----	----	----	0.90 UNCH	.0354	----	----	----	----	4			UNCH	
1860	----	----		----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	19			UNCH	
1860	----	----		1.20B/1.00A	1.20B/1.00A	----	----	----	1.10 UNCH	.0432	----	----	----	----	2			UNCH	
1865	----	----		3.80B/3.00A	3.80B/3.00A	----	----	----	3.40 UNCH	.1038	----	----	----	----	25			UNCH	
1865	0.10	0.10		0.10/*0.10	0.10/*0.10	----	----	----	0.10 UNCH	.0000	----	----	3	----	14 +			UNCH	
1865	----	----		1.50B/1.20A	1.50B/1.20A	----	----	----	1.30 UNCH	.0513	----	----	----	----	1			UNCH	
1870	----	----		83.00B/72.60A	83.00B/72.60A	----	----	----	74.80 - 6.20	.8497	----	----	----	----	1			UNCH	
1870	70.00	70.00		78.30B/67.10A	78.30B/67.10A	----	----	----	69.30 - 6.40	.9999	----	----	1	----	0 -			UNCH	
1870	----	----		----	----	----	----	----	0.10 UNCH	.0002	----	----	----	----	21			UNCH	

PG64	BULLETIN # 19@										METALS OPTION PRODUCTS										Mon, Jan 30, 2023										PG64										
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST																									
GMW MON	GOLD WEEKLY MONDAY OPTION WEEKS5																																								
JAN23																																									
1860	----	----	----	88.20B/78.50A	88.20B/78.50A	----	----	79.20	- 6.50	----	----	2	----	----	----	0 -	2																								
1860	----	----	----			----	----	0.00	- 0.10	----	----	----	----	----	----	0 -	152																								
1865	----	----	----	83.20B/73.40A	83.20B/73.40A	----	----	74.20	- 6.50	----	----	31	----	----	----	0 -	31																								
1865	----	----	----			----	----	0.00	- 0.10	----	----	----	----	----	----	0 -	112																								
1870	----	----	----			----	----	0.00	- 0.10	----	----	----	----	----	----	0 -	206																								
1875	----	----	----	73.20B/61.50A	73.20B/61.50A	----	----	64.20	- 6.50	----	----	12	----	1	----	0 -	12																								
1875	----	----	----			----	----	0.00	- 0.10	----	----	----	----	2	----	0 -	17																								
1880	----	----	----	68.20B/58.50A	68.20B/58.50A	----	----	59.20	- 6.50	----	----	9	----	1	----	0 -	10																								
1880	----	----	----			----	----	0.00	- 0.10	----	----	----	----	----	----	0 -	8																								
1885	----	----	----	63.20B/53.50A	63.20B/53.50A	----	----	54.20	- 6.50	----	----	3	----	----	----	0 -	3																								
1885	----	----	----			----	----	0.00	- 0.10	----	----	----	----	----	----	0 -	25																								
1890	----	----	----	58.20B/48.50A	58.20B/48.50A	----	----	49.20	- 6.50	----	----	5	----	----	----	0 -	5																								
1890	----	----	----			----	----	0.00	- 0.10	----	----	----	----	----	----	0 -	9																								
1895	----	----	----	53.20B/43.50A	53.20B/43.50A	----	----	44.20	- 6.50	----	----	16	----	----	----	0 -	16																								
1895	----	----	----			----	----	0.00	- 0.10	----	----	----	----	----	----	0 -	8																								
1900	----	----	----	48.30B/36.60A	48.30B/36.60A	----	----	39.20	- 6.50	----	----	16	----	----	----	0 -	16																								
1900	----	----	----			----	----	0.00	- 0.10	----	----	----	----	----	----	0 -	22																								
1905	----	----	----	43.30B/33.50A	43.30B/33.50A	----	----	34.20	- 6.50	----	----	37	----	----	----	0 -	37																								
1905	0.10	0.10		0.10/*0.10	0.10/*0.10	----	----	0.00	- 0.10	----	----	----	----	1	----	0 -	22																								
1910	----	----	----	38.40B/28.50A	38.40B/28.50A	----	----	29.20	- 6.60	----	----	78	----	----	----	0 -	78																								

PG64	BULLETIN # 19@				METALS OPTION PRODUCTS						Mon, Jan 30, 2023				PG64
	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			
GMW MON FEB23	GOLD WEEKLY MONDAY OPTION WEEK2														
1825	0.70	0.70	0.70/*0.60A	0.70/*0.60A	----	0.60 - 0.10	.0219	----	----	10	----	37 +	9		
1825	----	----	2.60B/2.30A	2.60B/2.30A	----	2.40 UNCH	.0640	----	----	----	----	3	UNCH		
1825	----	----	123.30B/111.70A	123.30B/111.70A	----	114.30 - 6.40	.9973	----	----	----	----	14	UNCH		
1825	----	----	----	----	----	0.10 - 0.10	.0028	----	----	15	----	71 +	15		
1830	----	----	----/0.70A	----/0.70A	----	0.70 - 0.10	.0256	----	----	----	----	2	UNCH		
1830	----	----	2.90B/2.60A	2.90B/2.60A	----	2.70 UNCH	.0714	----	1	----	----	1 +	1		
1830	----	----	118.40B/107.20A	118.40B/107.20A	----	109.30 - 6.50	.9959	----	----	----	----	25	UNCH		
1830	----	----	----	----	----	0.10 - 0.10	.0041	----	----	----	----	264	UNCH		
1835	----	----	----/0.80A	----/0.80A	----	0.80 - 0.10	.0294	----	1	----	----	1 -	1		
1835	----	----	113.50B/102.10A	113.50B/102.10A	----	104.30 - 6.50	.9920	----	8	----	----	8	UNCH		
1835	----	----	----/*0.20A	----/*0.20A	----	0.20 - 0.10	.0079	----	----	----	----	32	UNCH		
1840	----	----	----/*0.90A	----/*0.90A	----	0.90 - 0.10	.0334	----	----	----	----	2	UNCH		
1840	----	----	3.80B/3.20A	3.80B/3.20A	----	3.50 UNCH	.0900	----	----	----	----	2	UNCH		
1840	----	----	108.50B/97.20A	108.50B/97.20A	----	99.40 - 6.50	.9916	----	----	----	----	6	UNCH		
1840	0.20	0.20	0.20/*0.20	0.20/*0.20	----	0.20 - 0.20	.0083	----	200	----	----	210 +	200		
1845	----	----	----/1.10A	----/1.10A	----	1.10 - 0.10	.0404	----	2	----	----	2	UNCH		
1845	----	----	4.30B/3.60A	4.30B/3.60A	----	3.90 UNCH	.0995	----	----	----	----	2	UNCH		
1845	----	----	103.60B/92.40A	103.60B/92.40A	----	94.50 - 6.50	.9875	----	----	----	----	22	UNCH		
1845	----	----	----	----	----	0.30 - 0.10	.0123	----	----	----	----	4	UNCH		
1850	----	----	1.50B/*1.20A	1.50B/*1.20A	----	1.30 - 0.10	.0475	----	----	----	----	30	UNCH		
1850	----	----	4.80B/4.10A	4.80B/4.10A	----	4.40 UNCH	.1108	----	----	----	----	2	UNCH		
1850	----	----	98.70B/87.00A	98.70B/87.00A	----	89.50 - 6.50	.9833	----	----	----	----	12	UNCH		
1850	----	----	----/0.40A	----/0.40A	----	0.40 - 0.10	.0165	----	7	----	----	31 +	5		
1855	----	----	1.80B/1.50A	1.80B/1.50A	----	1.60 UNCH	.0574	----	----	----	----	3	UNCH		
1855	----	----	5.50B/4.50A	5.50B/4.50A	----	4.90 UNCH	.1222	----	----	----	----	2	UNCH		
1855	----	----	93.70B/82.60A	93.70B/82.60A	----	84.70 - 6.50	.9790	----	----	----	----	5	UNCH		
1855	----	----	----/*0.50A	----/*0.50A	----	0.50 - 0.10	.0209	----	2	----	----	55 +	2		
1860	1.80	1.80	2.10B/1.70A	2.10B/1.70A	----	1.80 - 0.10	.0650	----	1	----	----	5 +	1		
1860	----	----	6.20B/5.10A	6.20B/5.10A	----	5.60 + 0.10	.1367	----	3	----	----	6 +	3		
1860	----	----	88.80B/77.60A	88.80B/77.60A	----	79.80 - 6.50	.9743	----	----	----	----	8	UNCH		
1860	----	----	----/*0.60A	----/*0.60A	----	0.60 - 0.20	.0255	----	----	----	----	22	UNCH		
1865	----	----	2.50B/2.00A	2.50B/2.00A	----	2.20 UNCH	.0779	----	----	----	----	4	UNCH		
1865	----	----	6.90B/5.70A	6.90B/5.70A	----	6.30 + 0.10	.1513	----	----	----	----	3	UNCH		
1865	----	----	84.00B/72.60A	84.00B/72.60A	----	75.00 - 6.50	.9660	----	----	----	----	203	UNCH		
1865	----	----	----/*0.70A	----/*0.70A	----	0.80 - 0.10	.0338	----	----	----	----	9	UNCH		
1870	----	----	7.80B/6.30A	7.80B/6.30A	----	7.00 + 0.10	.1661	----	----	----	----	17	UNCH		
1870	----	----	79.10B/67.70A	79.10B/67.70A	----	70.20 - 6.50	.9574	----	----	----	----	9	UNCH		
1870	1.30	1.30	1.30/*0.90A	1.30/*0.90A	----	1.00 - 0.10	.0424	----	1	----	----	10	UNCH		
1875	----	----	3.50B/2.70A	3.50B/2.70A	----	3.10 + 0.10	.1066	----	----	----	----	5	UNCH		
1875	7.90	7.90	8.70B/7.00A	8.70B/7.00A	----	7.90 + 0.20	.1836	----	3	----	----	8 +	3		
1875	----	----	74.30B/63.00A	74.30B/63.00A	----	65.40 - 6.50	.9452	----	----	----	----	7	UNCH		
1875	----	----	1.50B/*1.10A	1.50B/*1.10A	----	1.30 - 0.10	.0546	----	7	----	----	27	UNCH		
1880	----	----	4.20B/3.20A	4.20B/3.20A	----	3.60 UNCH	.1227	----	----	----	----	1	UNCH		
1880	8.70	8.70	9.80B/7.80A	9.80B/7.80A	----	8.90 + 0.30	.2022	----	5	----	----	4	UNCH		
1880	1.50	1.50	69.60B/58.40A	69.60B/58.40A	----	60.80 - 6.40	.9324	----	----	----	----	2	UNCH		
1885	----	----	1.90B/1.40A	1.90B/1.40A	----	1.60 - 0.10	.0673	----	3	----	----	267 +	3		
1885	----	----	4.90B/3.70A	4.90B/3.70A	----	4.30 + 0.10	.1431	----	----	----	----	2	UNCH		
1885	----	----	64.90B/53.80A	64.90B/53.80A	----	56.20 - 6.40	.9162	----	----	----	----	5	UNCH		
1885	----	----	2.40B/1.70A	2.40B/1.70A	----	2.00 UNCH	.0836	----	----	----	----	17	UNCH		
1890	----	----	12.20B/9.70A	12.20B/9.70A	----	11.10 + 0.40	.2421	----	----	----	----	2	UNCH		
1890	----	----	5.80B/4.30A	5.80B/4.30A	----	5.10 + 0.30	.1657	----	----	----	----	15	UNCH		
1890	----	----	60.20B/49.40A	60.20B/49.40A	----	51.60 - 6.40	.8964	----	----	----	----	4	UNCH		
1890	----	----	3.00B/*2.00A	3.00B/*2.00A	----	2.50 UNCH	.1034	----	2	----	----	23 +	2		
1895	----	----	58.10B/48.10A	58.10B/48.10A	----	50.10 - 6.10	.8109	----	----	----	----	1	UNCH		
1895	----	----	13.60B/10.80A	13.60B/10.80A	----	12.40 + 0.50	.2641	----	----	----	----	1	UNCH		
1895	47.80	47.80	55.60B/45.00A	55.60B/45.00A	----	47.20 - 6.30	.8732	----	1	----	----	4 -	1		
1895	----	----	6.70B/4.90A	6.70B/4.90A	----	5.90 + 0.30	.1887	----	----	----	----	2	UNCH		
1895	----	----	3.60B/2.50A	3.60B/2.50A	----	3.10 + 0.10	.1265	----	----	----	----	2	UNCH		
1900	----	----	53.90B/44.10A	53.90B/44.10A	----	46.10 - 6.00	.7842	----	----	----	----	10	UNCH		
1900	----	----	7.80B/5.70A	7.80B/5.70A	----	6.90 + 0.30	.2154	----	1	----	----	8	UNCH		
1900	----	----	15.00												

PG64		BULLETIN # 19@										METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64
		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								
GMW MON FEB23		GOLD WEEKLY MONDAY OPTION WEEK2																						
2000	----	----	----	----	5.90B/*3.90A	5.90B/*3.90A	----	----	----	4.10 - 1.60	.1363	----	----	----	----	20	UNCH							
2000	----	----	----	----	----/*1.70A	----/*1.70A	----	----	----	1.80 - 1.20	.0747	----	----	1	----	150 +	1							
2000	----	----	----	----	12.70B/*9.60A	12.70B/*9.60A	----	----	----	9.90 - 2.40	.2212	----	----	----	----	1	UNCH							
2005	----	----	----	----	5.10B/*3.40A	5.10B/*3.40A	----	----	----	3.60 - 1.40	.1206	----	----	----	----	15	UNCH							
2005	----	----	----	----	----/*1.40A	----/*1.40A	----	----	----	1.50 - 1.10	.0621	----	----	----	----	2	UNCH							
2005	----	----	----	----	11.60B/8.80A	11.60B/8.80A	----	----	----	9.00 - 2.20	.2041	----	----	----	----	3	UNCH							
2010	----	----	----	----	----/*2.90A	----/*2.90A	----	----	----	3.10 - 1.30	.1053	----	----	----	----	1	UNCH							
2010	----	----	----	----	----/*1.20A	----/*1.20A	----	----	----	1.20 - 1.00	.0500	----	----	----	----	79	UNCH							
2010	----	----	----	----	10.50B/*8.00A	10.50B/*8.00A	----	----	----	8.20 - 2.00	.1884	----	----	3	----	18 +	3							
2015	----	----	----	----	----/*2.60A	----/*2.60A	----	----	----	2.70 - 1.20	.0925	----	----	----	----	76	UNCH							
2015	----	----	----	----	----/*1.00A	----/*1.00A	----	----	----	1.00 - 0.90	.0414	----	----	2	----	7	UNCH							
2015	----	----	----	----	9.60B/*7.30A	9.60B/*7.30A	----	----	----	7.40 - 2.00	.1728	----	----	----	----	2	UNCH							
2020	----	----	----	----	----/*2.30A	----/*2.30A	----	----	----	2.40 - 1.00	.0822	----	----	----	----	17	UNCH							
2020	1.10	1.10	----	----	1.10/*0.80A	1.10/*0.80A	----	----	----	0.80 - 0.80	.0332	----	----	----	----	7 -	1							
2020	7.80	7.80	----	----	8.70B/*6.60A	8.70B/*6.60A	----	----	----	6.80 - 1.70	.1600	----	----	3	----	4 +	3							
2025	2.20	2.20	----	----	2.20/*2.00A	2.20/*2.00A	----	----	----	2.10 - 0.90	.0723	----	----	1	----	3 +	1							
2025	----	----	----	----	----/*0.70A	----/*0.70A	----	----	----	0.70 - 0.60	.0285	----	----	----	----	8	UNCH							
2025	----	----	----	----	7.90B/*6.10A	7.90B/*6.10A	----	----	----	6.20 - 1.60	.1473	----	----	----	----	1	UNCH							
2030	0.40	0.40	----	----	0.40/*0.40	0.40/*0.40	----	----	----	0.60 - 0.50	.0240	----	----	4	----	13 +	2							
2030	----	----	----	----	7.20B/*5.50A	7.20B/*5.50A	----	----	----	5.60 - 1.50	.1349	----	----	----	----	1	UNCH							
2035	0.60	0.60	----	----	0.60/*0.40A	0.60/*0.40A	----	----	----	0.50 - 0.40	.0198	----	----	23	----	42 +	23							
2035	----	----	----	----	----/*5.10A	----/*5.10A	----	----	----	5.10 - 1.40	.1240	----	----	----	----	2	UNCH							
2040	----	----	----	----	----/*0.40A	----/*0.40A	----	----	----	0.40 - 0.40	.0158	----	----	7	----	13 +	7							
2040	----	----	----	----	6.00B/*4.60A	6.00B/*4.60A	----	----	----	4.70 - 1.20	.1147	----	----	----	----	2	UNCH							
2045	----	----	----	----	----/*0.40A	----/*0.40A	----	----	----	0.40 - 0.30	.0152	----	----	----	----	5	UNCH							
2050	1.10	1.10	----	----	1.10/*1.10	1.10/*1.10	----	----	----	1.10 - 0.60	.0382	----	----	5	----	15 +	5							
2050	----	----	----	----	----/*0.40A	----/*0.40A	----	----	----	0.30 - 0.30	.0114	----	----	----	----	46	UNCH							
2050	----	----	----	----	----/*3.90A	----/*3.90A	----	----	----	3.90 - 1.10	.0967	----	----	----	----	11	UNCH							
2055	----	----	----	----	----/*1.00A	----/*1.00A	----	----	----	1.00 - 0.50	.0344	----	----	----	----	17	UNCH							
2055	0.20	0.20	----	----	0.20/*0.20	0.20/*0.20	----	----	----	0.30 - 0.20	.0110	----	----	200	----	210 +	200							
2055	----	----	----	----	----/*3.60A	----/*3.60A	----	----	----	3.60 - 1.00	.0895	----	----	----	----	1	UNCH							
2060	----	----	----	----	----/*0.90A	----/*0.90A	----	----	----	0.80 - 0.50	.0282	----	----	----	----	38	UNCH							
2060	----	----	----	----	----/*0.30A	----/*0.30A	----	----	----	0.20 - 0.30	.0074	----	----	----	----	3	UNCH							
2060	----	----	----	----	----/*3.30A	----/*3.30A	----	----	----	3.30 - 0.90	.0824	----	----	----	----	4	UNCH							
2065	----	----	----	----	----/*0.80A	----/*0.80A	----	----	----	0.80 - 0.40	.0273	----	----	----	----	2	UNCH							
2065	----	----	----	----	----/*3.00A	----/*3.00A	----	----	----	3.00 - 0.90	.0754	----	----	1	----	6 +	1							
2070	----	----	----	----	----/*0.20A	----/*0.20A	----	----	----	0.20 - 0.20	.0069	----	----	----	----	1	UNCH							
2070	----	----	----	----	----/*2.80A	----/*2.80A	----	----	----	2.80 - 0.70	.0703	----	----	----	----	1	UNCH							
2075	----	----	----	----	----/*0.70A	----/*0.70A	----	----	----	0.60 - 0.40	.0206	----	----	----	----	1	UNCH							
2075	----	----	----	----	----/*0.20A	----/*0.20A	----	----	----	0.20 - 0.10	.0067	----	----	25	----	54 +	17							
2075	----	----	----	----	----/*0.20A	----/*0.20A	----	----	----	0.10 - 0.20	.0035	----	----	----	----	3	UNCH							
2080	----	----	----	----	----/*2.20A	----/*2.20A	----	----	----	2.20 - 0.60	.0555	----	----	----	----	42	UNCH							
2085	----	----	----	----	----/*1.80	----/*1.80	----	----	----	2.00 - 0.60	.0508	----	----	1	----	2 +	1							
2090	1.80	1.80	----	----	----/*0.50A	----/*0.50A	----	----	----	0.40 - 0.30	.0134	----	----	----	----	4	UNCH							
2095	----	----	----	----	----/*1.90A	----/*1.90A	----	----	----	1.90 - 0.50	.0479	----	----	----	----	1	UNCH							
2100	----	----	----	----	----/*0.50A	----/*0.50A	----	----	----	0.40 - 0.20	.0130	----	----	----	----	2	UNCH							
2100	----	----	----	----	----/*1.70A	----/*1.70A	----	----	----	1.70 - 0.50	.0433	----	----	----	----	2	UNCH							
2110	----	----	----	----	----/*1.50A	----/*1.50A	----	----	----	1.50 - 0.40	.0379	----	----	----	----	41	UNCH							
2115	----	----	----	----	----/*0.40A	----/*0.40A	----	----	----	0.30 - 0.20	.0096	----	----	----	----	2	UNCH							
2125	----	----	----	----	----	----	----	----	----	0.30 - 0.10	.0092	----	----	----	----	5	UNCH							
2125	1.10	1.10	----	----	1.10/*1.10	1.10/*1.10	----	----	----	1.20 - 0.30	.0303	----	----	3	----	6 +	3							
2130	----	----	----	----	----/*1.20A	----/*1.20A	----	----	----	1.10 - 0.30	.0279	----	----	----	----	39	UNCH							
2135	----	----	----	----	----/*0.30A	----/*0.30A	----	----	----	0.30 - 0.10	.0088	----	----	----	----	1	UNCH							
2140	----	----	----	----	----/*0.30A	----/*0.30A	----	----	----	0.30 - 0.10	.0086	----	----	----	----	3	UNCH							
2145	----	----	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	6	----	6 +	6							
2150	----	----	----	----	----/*0.90A	----/*0.90A	----	----	----	0.90 - 0.20	.0223	----	----	----	----	41	UNCH							
2160	----	----	----	----	----	----	----	----	----	0.20 - 0.10	.0057	----	----	----	----	400	UNCH							
TOTAL																915	5108+	816						
SILVER OPTIONS ON FUTURES																								
		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								
SMW MON JAN23		SILVER WEEKLY MONDAY OPTION WEEK5																						
2000	----	----	----	----	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	1							
2100	----	----	----	----	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	5							
2150	----	----	----	----	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	1							
2200	----	----	----	----	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	35							
2220	----	----	----	----	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	35							
2225	----	----	----	----	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	1							
2225	----	----	----	----	----	----	----	----	----	1.483 + 0.110	2	----	----	----	----	0 -	2							
2250	----	----	----	----	----	----	----	----	----	1.233 + 0.110	3	----	----	----	----	0 -	3							
2250	----	----	----	----	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	8							
2260	----	----	----	----	----	----	----	----	----	0.000 - 0.002	----	----	----	----	----	0 -	1							
2265	----	----	----	----	----	----	----	----	----	0.000 - 0.003	----	----	----	----	----	0 -	6							
2275	----	----	----	----	----/*0.003A	----/*0.003A	----	----	----	0.000 - 0.005	----	----	----	----	----	0 -	1							
2275	----	----	----	----	----	----	----	----	----	0.983 + 0.106	1	----	----	----	----	0 -	1							
2280	----	----	----	----	----/*0.003A	----/*0.003A	----	----	----	0.000 - 0.006	----	----	----	----	----	0 -	5							
2290	----	----	----	----	----	----	----	----	----	0.833 + 0.101	8	----	----	----	----	0 -	8							
2290	----	----	----	----	----/*0.001A	----/*0.001A	----	----	----	0.000 - 0.010	----	----	----	----	----	0 -	10							
2295	----	----	----	----	----/*0.001A	----/*0.001A	----	----	----	0.000 - 0.012	----	----	----	----	----	0 -	10							
2295	----	----	----	----	----	----	----	----	----	0.783 + 0.099	2	----	----	----	----	0 -	2							
2300	----	----	----	----	----/*0.001A	----/*0.001A	----	----	----	0.000 - 0.015	----	----	----	----	----	0 -	10							
2300	----	----	----	----	----</																			

	BULLETIN # 19@				METALS OPTION PRODUCTS					Mon, Jan 30, 2023				PG64
	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		
SO CALL	COMEX SILVER OPTIONS													
MAR23														
2185	----	----	2.0988/----	2.0988/----	----	1.999 +	0.084	.8752	----	----	----	7	UNCH	
2195	----	----	2.0118/----	2.0118/----	----	1.912 +	0.081	.8634	----	----	----	1	UNCH	
2200	----	----	2.0118/1.787A	2.0118/1.787A	----	1.869 +	0.079	.8571	----	----	----	771	UNCH	
2205	----	----	1.9248/----	1.9248/----	----	1.827 +	0.078	.8503	----	----	----	5	UNCH	
2210	----	----	1.8818/----	1.8818/----	----	1.785 +	0.077	.8440	----	----	----	1	UNCH	
2215	----	----	1.8398/----	1.8398/----	----	1.743 +	0.075	.8365	----	----	----	2	UNCH	
2225	----	----	1.7998/1.582A	1.7998/1.582A	----	1.660 +	0.071	.8221	----	----	----	25	UNCH	
2230	----	----	1.7148/----	1.7148/----	----	1.620 +	0.070	.8146	----	----	----	2	UNCH	
2235	----	----	1.6728/----	1.6728/----	----	1.580 +	0.068	.8065	----	----	----	3	UNCH	
2250	----	----	1.5978/1.388A	1.5978/1.388A	----	1.462 +	0.063	.7813	----	----	----	515	UNCH	
2260	----	----	1.5068/1.322A	1.5068/1.322A	----	1.386 +	0.059	.7637	----	----	----	11	UNCH	
2265	----	----	1.4688/1.287A	1.4688/1.287A	----	1.348 +	0.056	.7542	----	----	----	2	UNCH	
2270	----	----	1.4318/1.251A	1.4318/1.251A	----	1.312 +	0.055	.7447	----	----	----	1	UNCH	
2275	----	----	1.4048/1.206A	1.4048/1.206A	----	1.275 +	0.053	.7349	----	----	----	682	UNCH	
2280	----	----	1.3568/1.182A	1.3568/1.182A	----	1.240 +	0.051	.7250	----	----	----	4	UNCH	
2285	----	----	1.3218/1.148A	1.3218/1.148A	----	1.205 +	0.049	.7148	----	----	----	3	UNCH	
2290	----	----	1.2858/1.103A	1.2858/1.103A	----	1.170 +	0.047	.7042	----	----	----	2	UNCH	
2295	----	----	1.2508/1.071A	1.2508/1.071A	----	1.137 +	0.046	.6937	----	----	----	2	UNCH	
2300	1.209	1.209	1.2258/1.040A	1.2258/1.040A	----	1.104 +	0.044	.6832	----	12	----	434 +	3	
2305	1.092	1.092	1.1828/1.010A	1.1828/1.010A	----	1.071 +	0.042	.6721	----	2	----	2 -	2	
2310	----	----	1.1668/0.977A	1.1668/0.977A	----	1.039 +	0.040	.6611	----	----	----	14	UNCH	
2315	1.028	1.028	1.1328/0.949A	1.1328/0.949A	----	1.008 +	0.038	.6500	----	1	----	26 -	1	
2320	0.975	0.975	1.0998/0.920A	1.0998/0.920A	----	0.977 +	0.036	.6386	----	3	----	6 -	3	
2325	----	----	1.0678/0.889A	1.0678/0.889A	----	0.947 +	0.034	.6272	----	----	----	138	UNCH	
2330	----	----	1.0368/0.861A	1.0368/0.861A	----	0.918 +	0.033	.6157	----	----	----	17	UNCH	
2335	----	----	1.0058/0.835A	1.0058/0.835A	----	0.889 +	0.031	.6042	----	----	----	5	UNCH	
2340	----	----	0.9748/0.808A	0.9748/0.808A	----	0.861 +	0.029	.5925	----	----	----	20	UNCH	
2345	----	----	0.9458/0.782A	0.9458/0.782A	----	0.834 +	0.028	.5807	----	1	----	2	UNCH	
2350	0.752	0.752	0.9168/0.752	0.9168/0.752	----	0.807 +	0.026	.5690	----	1	----	184 +	1	
2355	0.850	0.850	0.8888/0.731A	0.8888/0.731A	----	0.781 +	0.025	.5573	----	10	----	16 -	7	
2360	0.805	0.805	0.8628/0.708A	0.8628/0.708A	----	0.755 +	0.023	.5455	----	10	----	11 -	1	
2365	----	----	0.8358/0.683A	0.8358/0.683A	----	0.730 +	0.022	.5337	----	----	----	26	UNCH	
2370	0.770	0.770	0.8088/0.660A	0.8088/0.660A	----	0.706 +	0.021	.5219	----	1	----	150	UNCH	
2375	0.720	0.720	0.7828/0.637A	0.7828/0.637A	----	0.682 +	0.019	.5102	----	14	----	58 +	1	
2380	----	----	0.7588/0.615A	0.7588/0.615A	----	0.659 +	0.018	.4985	----	36	----	44 +	31	
2385	----	----	0.7338/0.595A	0.7338/0.595A	----	0.636 +	0.016	.4868	----	----	----	22	UNCH	
2390	----	----	0.7098/0.573A	0.7098/0.573A	----	0.614 +	0.015	.4752	----	----	----	61	UNCH	
2395	----	----	0.6858/0.553A	0.6858/0.553A	----	0.593 +	0.014	.4637	----	----	----	25	UNCH	
2400	0.595	0.595	0.6628/0.533A	0.6628/0.533A	----	0.572 +	0.013	.4522	----	24	----	1441 +	2	
2405	----	----	0.6398/0.514A	0.6398/0.514A	----	0.552 +	0.012	.4408	----	----	----	29	UNCH	
2410	0.582	0.582	0.6208/0.497A	0.6208/0.497A	----	0.532 +	0.011	.4295	----	59	----	103 +	59	
2415	0.603	0.603	0.603/0.478A	0.603/0.478A	----	0.513 +	0.010	.4184	----	1	----	16 +	1	
2420	----	----	0.5798/0.461A	0.5798/0.461A	----	0.494 +	0.009	.4073	----	----	----	110	UNCH	
2425	0.520	0.520	0.5598/0.444A	0.5598/0.444A	----	0.476 +	0.008	.3963	----	16	----	395 +	4	
2430	----	----	0.5398/0.429A	0.5398/0.429A	----	0.459 +	0.007	.3856	----	2	----	159	UNCH	
2435	0.445	0.445	0.5208/0.411A	0.5208/0.411A	----	0.442 +	0.006	.3750	----	1	----	2	UNCH	
2440	----	----	0.5028/0.396A	0.5028/0.396A	----	0.425 +	0.005	.3643	----	----	----	161	UNCH	
2445	----	----	0.4848/0.381A	0.4848/0.381A	----	0.410 +	0.005	.3542	----	----	----	9	UNCH	
2450	0.403	0.403	0.4678/0.368A	0.4678/0.368A	----	0.394 +	0.004	.3439	----	121	----	662 +	84	
2455	----	----	0.4508/0.354A	0.4508/0.354A	----	0.379 +	0.003	.3338	----	----	----	27	UNCH	
2460	0.405	0.405	0.4338/0.340A	0.4338/0.340A	----	0.365 +	0.003	.3241	----	3	----	12	UNCH	
2465	----	----	0.4188/0.326A	0.4188/0.326A	----	0.351 +	0.002	.3144	----	----	----	27	UNCH	
2470	----	----	0.4028/0.313A	0.4028/0.313A	----	0.337 +	0.001	.3047	----	----	----	60	UNCH	
2475	----	----	0.3868/0.302A	0.3868/0.302A	----	0.324 +	0.001	.2954	----	17	----	232 +	11	
2480	----	----	0.3738/0.290A	0.3738/0.290A	----	0.312 +	0.001	.2865	----	----	----	13	UNCH	
2485	----	----	0.3598/0.278A	0.3598/0.278A	----	0.300	UNCH	.2776	----	----	----	31	UNCH	
2490	0.345	0.345	0.345/0.268A	0.345/0.268A	----	0.288	UNCH	.2688	----	6	----	18 +	2	
2495	----	----	0.3318/0.258A	0.3318/0.258A	----	0.277 -	0.001	.2603	----	----	----	42	UNCH	
2500	0.295	0.295	0.3188/0.248A	0.3188/0.248A	----	0.266 -	0.001	.2519	----	244	----	2440 -	72	
2505	----	----	0.3068/0.237A	0.3068/0.237A	----	0.256 -	0.001	.2440	----	----	----	75	UNCH	
2510	----	----	0.2948/0.228A	0.2948/0.228A	----	0.245 -	0.002	.2357	----	1	----	20 +	1	
2515	0.263	0.263	0.286/0.219A	0.286/0.219A	----	0.236 -	0.002	.2282	----	5	----	22 +	5	
2520	0.256	0.256	0.2718/0.211A	0.2718/0.211A	----	0.226 -	0.002	.2204	----	20	----	20 -	3	
2525	0.254	0.254	0.2618/0.203	0.2618/0.203	----	0.217 -	0.003	.2130	----	6	----	168 -	2	
2530	----	----	0.2518/0.194A	0.2518/0.194A	----	0.209 -	0.002	.2062	----	----	----	47	UNCH	
2535	----	----	0.2418/0.187A	0.2418/0.187A	----	0.201 -	0.002	.1994	----	----	----	81	UNCH	
2540	----	----	0.2328/0.179A	0.2328/0.179A	----	0.193 -	0.002	.1926	----	----	----	10	UNCH	
2545	----	----	0.2228/0.172A	0.2228/0.172A	----	0.185 -	0.003	.1859	----	----	----	6	UNCH	
2550	0.206	0.206	0.2148/0.166A	0.2148/0.166A	----	0.178 -	0.002	.1797	----	10	----	1008 +	2	
2555	----	----	0.2058/0.159A	0.2058/0.159A	----	0.171 -	0.002	.1736	----	----	----	41	UNCH	
2560	----	----	0.1978/0.153A	0.1978/0.153A	----	0.164 -	0.002	.1675	----	----	----	24	UNCH	
2565	----	----	0.1898/0.148A	0.1898/0.148A										

BULLETIN # 19@				METALS OPTION PRODUCTS							Mon, Jan 30, 2023			PG64	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY RANGE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
SO CALL															
APR23															
1275	----	----		----	----		----	----	11.186 +	0.114	.9990	----	----	----	4
1350	----	----		----	----		----	----	10.436 +	0.114	.9983	----	----	----	1
1525	----	----		----	----		----	----	8.686 +	0.114	.9962	----	----	----	2
1550	----	----		----	----		----	----	8.436 +	0.114	.9955	----	----	----	4
1575	----	----		----	----		----	----	8.186 +	0.114	.9948	----	----	----	6
1625	----	----		----	----		----	----	7.686 +	0.114	.9934	----	----	----	4
1650	----	----		----	----		----	----	7.436 +	0.114	.9926	----	----	----	2
1675	----	----		----	----		----	----	7.186 +	0.114	.9917	----	----	----	2
1725	----	----		----	----		----	----	6.687 +	0.113	.9888	----	----	----	2
1750	----	----		----	----		----	----	6.438 +	0.113	.9873	----	----	----	2
1775	----	----		----	----		----	----	6.190 +	0.113	.9851	----	----	----	1
1800	----	----		----	----		----	----	5.943 +	0.113	.9828	----	----	----	1
1825	----	----		----	----		----	----	5.696 +	0.112	.9799	----	----	----	2
1850	----	----		----	----		----	----	5.450 +	0.111	.9769	----	----	----	6
1950	----	----		4.411B/----	4.411B/----		----	----	4.478 +	0.107	.9566	----	----	----	1
2000	----	----		4.147B/----	4.147B/----		----	----	4.003 +	0.103	.9394	----	----	----	66
2025	----	----		3.914B/----	3.914B/----		----	----	3.770 +	0.100	.9287	----	----	----	59
2050	----	----		3.683B/----	3.683B/----		----	----	3.540 +	0.097	.9159	----	----	----	4
2075	----	----		3.456B/----	3.456B/----		----	----	3.314 +	0.094	.9014	----	----	----	7
2100	----	----		3.234B/----	3.234B/----		----	----	3.093 +	0.090	.8844	----	----	----	105
2125	----	----		3.017B/----	3.017B/----		----	----	2.877 +	0.086	.8652	----	----	----	4
2150	----	----		2.806B/----	2.806B/----		----	----	2.667 +	0.081	.8434	----	----	----	4
2175	----	----		2.600B/----	2.600B/----		----	----	2.465 +	0.076	.8189	----	----	----	5
2200	----	----		2.401B/2.198A	2.401B/2.198A		----	----	2.270 +	0.071	.7918	----	----	----	29
2225	----	----		2.210B/2.013A	2.210B/2.013A		----	----	2.083 +	0.065	.7623	----	----	----	1
2250	----	----		2.028B/1.838A	2.028B/1.838A		----	----	1.905 +	0.060	.7305	----	----	----	64
2265	----	----		1.861B/----	1.861B/----		----	----	1.802 +	0.055	.7105	----	----	----	1
2275	----	----		1.854B/1.671A	1.854B/1.671A		----	----	1.736 +	0.053	.6969	----	----	----	11
2280	----	----		1.761B/1.639A	1.761B/1.639A		----	----	1.704 +	0.053	.6900	----	----	----	2
2285	----	----		1.728B/1.608A	1.728B/1.608A		----	----	1.672 +	0.052	.6829	----	----	----	11
2290	----	----		1.733B/1.577A	1.733B/1.577A		----	----	1.640 +	0.050	.6758	----	----	----	3
2295	----	----		1.725B/1.547A	1.725B/1.547A		----	----	1.609 +	0.049	.6688	----	----	----	3
2300	----	----		1.693B/1.518A	1.693B/1.518A		----	----	1.578 +	0.048	.6616	----	----	----	12
2305	----	----		1.663B/1.490A	1.663B/1.490A		----	----	1.547 +	0.046	.6544	----	----	----	3
2310	----	----		1.632B/1.458A	1.632B/1.458A		----	----	1.517 +	0.045	.6470	----	----	----	2
2320	----	----		1.570B/1.404A	1.570B/1.404A		----	----	1.458 +	0.043	.6323	----	----	----	5
2325	----	----		1.538B/1.375A	1.538B/1.375A		----	----	1.430 +	0.043	.6249	----	----	----	6
2330	----	----		1.510B/1.347A	1.510B/1.347A		----	----	1.401 +	0.041	.6175	----	----	----	1
2335	----	----		1.480B/1.320A	1.480B/1.320A		----	----	1.373 +	0.040	.6101	----	----	----	1
2340	----	----		1.451B/1.294A	1.451B/1.294A		----	----	1.346 +	0.039	.6026	----	----	----	1
2345	----	----		1.422B/1.267A	1.422B/1.267A		----	----	1.319 +	0.038	.5951	----	----	----	4
2350	----	----		1.395B/1.241A	1.395B/1.241A		----	----	1.292 +	0.037	.5876	----	----	----	145
2355	----	----		1.368B/1.216A	1.368B/1.216A		----	----	1.266 +	0.036	.5801	----	----	----	2
2360	----	----		1.341B/1.191A	1.341B/1.191A		----	----	1.240 +	0.035	.5726	----	----	----	5
2370	----	----		1.287B/1.142A	1.287B/1.142A		----	----	1.190 +	0.033	.5575	----	----	----	131
2375	----	----		1.261B/1.118A	1.261B/1.118A		----	----	1.165 +	0.032	.5499	----	----	----	37
2380	----	----		1.236B/1.095A	1.236B/1.095A		----	----	1.141 +	0.031	.5424	----	----	----	10
2390	----	----		1.187B/1.049A	1.187B/1.049A		----	----	1.094 +	0.029	.5274	----	----	----	5
2395	----	----		1.162B/1.027A	1.162B/1.027A		----	----	1.071 +	0.028	.5199	----	----	----	8
2400	1.009	1.009		1.139B/0.998	1.139B/0.998		----	----	1.049 +	0.028	.5125	----	32	----	278 -
2405	----	----		1.115B/0.984A	1.115B/0.984A		----	----	1.026 +	0.026	.5050	----	----	----	8
2415	----	----		1.070B/0.941A	1.070B/0.941A		----	----	0.983 +	0.024	.4902	----	----	----	48
2420	----	----		1.047B/0.922A	1.047B/0.922A		----	----	0.962 +	0.024	.4829	----	----	----	134
2425	----	----		1.026B/0.901A	1.026B/0.901A		----	----	0.941 +	0.022	.4756	----	1	----	80
2430	----	----		1.004B/0.882A	1.004B/0.882A		----	----	0.921 +	0.022	.4683	----	----	----	1
2435	----	----		0.983B/0.862A	0.983B/0.862A		----	----	0.901 +	0.021	.4611	----	----	----	19
2440	----	----		0.962B/0.843A	0.962B/0.843A		----	----	0.882 +	0.020	.4540	----	----	----	10
2445	----	----		0.942B/0.822A	0.942B/0.822A		----	----	0.862 +	0.019	.4468	----	----	----	2
2450	----	----		0.922B/0.804A	0.922B/0.804A		----	----	0.844 +	0.019	.4397	----	2	----	191
2455	----	----		0.902B/0.786A	0.902B/0.786A		----	----	0.825 +	0.018	.4327	----	----	----	7
2460	----	----		0.883B/0.769A	0.883B/0.769A		----	----	0.807 +	0.017	.4257	----	----	----	1
2465	----	----		0.864B/0.752A	0.864B/0.752A		----	----	0.789 +	0.016	.4188	----	----	----	46
2475	0.814	0.814		0.827B/0.719A	0.827B/0.719A		----	----	0.755 +	0.015	.4051	----	1	----	274 +
2480	----	----		0.809B/0.703A	0.809B/0.703A		----	----	0.738 +	0.014	.3984	----	----	----	4
2490	----	----		0.774B/0.673A	0.774B/0.673A		----	----	0.705 +	0.012	.3850	----	----	----	10
2495	0.750	0.750		0.757B/0.658A	0.757B/0.658A		----	----	0.689 +	0.011	.3784	----	2	----	11 +
2500	----	----		0.741B/0.643A	0.741B/0.643A		----	----	0.674 +	0.011	.3720	----	7	----	209 +
2505	----	----		0.725B/0.628A	0.725B/0.628A		----	----	0.659 +	0.010	.3656	----	----	----	1
2520	----	----		0.677B/0.587A	0.677B/0.587A		----	----	0.615 +	0.008	.3467	----	----	----	4
2525	----	----		0.662B/0.573A	0.662B/0.573A		----	----	0.601 +	0.007	.3405	----	----	----	118
2535	----	----		0.633B/0.547A	0.633B/0.547A										



PG64	BULLETIN # 19@				METALS OPTION PRODUCTS					Mon, Jan 30, 2023				PG64	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH	OUTCRY LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
SO CALL															
MAY23															
1700	----	----	----	----	----	----	----	----	6.941 +	0.112	.9811	----	----	----	2
1750	----	----	----	----	----	----	----	----	6.448 +	0.112	.9756	----	----	----	1
1800	----	----	----	----	----	----	----	----	5.959 +	0.110	.9684	----	----	----	6
1825	----	----	----	----	----	----	----	----	5.717 +	0.110	.9637	----	----	----	29
1850	----	----	----	----	----	----	----	----	5.476 +	0.109	.9585	----	----	----	2
1900	----	----	----	5.143B/----	5.143B/----	----	----	----	4.998 +	0.106	.9459	----	----	----	28
1950	----	----	----	4.673B/----	4.673B/----	----	----	----	4.530 +	0.103	.9289	----	----	----	1
2000	----	----	----	4.215B/----	4.215B/----	----	----	----	4.074 +	0.097	.9069	----	----	----	161
2050	----	----	----	3.771B/----	3.771B/----	----	----	----	3.633 +	0.090	.8788	----	----	----	4
2075	----	----	----	3.557B/----	3.557B/----	----	----	----	3.419 +	0.086	.8624	----	----	----	2
2100	----	----	----	3.346B/----	3.346B/----	----	----	----	3.210 +	0.082	.8443	----	----	----	21
2125	----	----	----	3.141B/----	3.141B/----	----	----	----	3.008 +	0.078	.8245	----	----	----	2
2150	----	----	----	2.942B/----	2.942B/----	----	----	----	2.811 +	0.073	.8029	----	----	----	78
2175	----	----	----	2.750B/2.552A	2.750B/2.552A	----	----	----	2.622 +	0.069	.7792	----	----	----	2
2200	----	----	----	2.564B/2.371A	2.564B/2.371A	----	----	----	2.440 +	0.064	.7543	----	----	----	252
2225	----	----	----	2.386B/2.200A	2.386B/2.200A	----	----	----	2.267 +	0.060	.7278	----	----	----	24
2250	----	----	----	2.217B/2.037A	2.217B/2.037A	----	----	----	2.101 +	0.055	.6999	----	----	----	102
2255	----	----	----	#2.111B/2.010A	#2.111B/2.010A	----	----	----	2.069 +	0.054	.6942	----	----	----	1
2265	----	----	----	#2.069B/1.947A	#2.069B/1.947A	----	----	----	2.005 +	0.051	.6827	----	----	----	3
2275	----	----	----	2.059B/1.883A	2.059B/1.883A	----	----	----	1.944 +	0.050	.6711	----	----	----	8
2300	----	----	----	1.908B/1.737A	1.908B/1.737A	----	----	----	1.795 +	0.045	.6413	----	----	----	152
2305	----	----	----	#1.876B/1.712A	#1.876B/1.712A	----	----	----	1.766 +	0.044	.6353	----	----	----	2
2310	----	----	----	#1.849B/1.685A	#1.849B/1.685A	----	----	----	1.738 +	0.043	.6292	----	----	----	2
2325	----	----	----	1.763B/1.601A	1.763B/1.601A	----	----	----	1.655 +	0.040	.6110	----	----	----	19
2350	----	----	----	1.622B/1.474A	1.622B/1.474A	----	----	----	1.524 +	0.036	.5804	----	----	----	25
2375	----	----	----	1.494B/1.354A	1.494B/1.354A	----	----	----	1.401 +	0.031	.5497	----	----	----	21
2400	1.251	1.251		1.375B/1.243A	1.375B/1.243A	----	----	----	1.286 +	0.027	.5192	----	5	----	371 +
2425	----	----	----	1.264B/1.140A	1.264B/1.140A	----	----	----	1.180 +	0.023	.4892	----	----	----	43
2450	----	----	----	1.161B/1.044A	1.161B/1.044A	----	----	----	1.081 +	0.019	.4599	----	----	----	245
2475	----	----	----	1.068B/0.952A	1.068B/0.952A	----	----	----	0.990 +	0.016	.4314	----	----	----	198
2495	0.930	0.930		#0.996B/*0.887A	#0.996B/*0.887A	----	----	----	0.923	NEW	.4094	----	5	----	5 +
2500	0.915	0.915		0.979B/0.871A	0.979B/0.871A	----	----	----	0.906 +	0.013	.4039	----	11	----	1569 +
2525	----	----	----	0.897B/0.797A	0.897B/0.797A	----	----	----	0.829 +	0.010	.3775	----	----	----	17
2540	----	----	----	#0.851B/*0.755A	#0.851B/*0.755A	----	----	----	0.786 +	0.009	.3622	----	----	----	7
2550	----	----	----	0.822B/0.729A	0.822B/0.729A	----	----	----	0.759 +	0.009	.3524	----	----	----	38
2575	----	----	----	0.753B/0.666A	0.753B/0.666A	----	----	----	0.694 +	0.006	.3284	----	----	----	9
2600	----	----	----	0.689B/0.610A	0.689B/0.610A	----	----	----	0.635 +	0.004	.3057	----	----	----	208
2625	----	----	----	0.631B/0.559A	0.631B/0.559A	----	----	----	0.581 +	0.003	.2843	----	----	----	8
2650	----	----	----	0.580B/0.513A	0.580B/0.513A	----	----	----	0.532 +	0.001	.2643	----	----	----	322
2675	0.515	0.515		0.531B/0.470A	0.531B/0.470A	----	----	----	0.488	UNCH	.2456	----	100	----	151 +
2700	0.472	0.472		0.489B/0.425	0.489B/0.425	----	----	----	0.448	UNCH	.2283	----	2	----	723 -
2725	----	----	----	0.448B/0.398A	0.448B/0.398A	----	----	----	0.411 -	0.002	.2119	----	----	----	17
2750	----	----	----	0.412B/0.365A	0.412B/0.365A	----	----	----	0.378 -	0.002	.1969	----	----	----	254
2775	----	----	----	0.379B/0.337A	0.379B/0.337A	----	----	----	0.348 -	0.003	.1830	----	----	----	13
2800	----	----	----	0.351B/0.311A	0.351B/0.311A	----	----	----	0.321 -	0.003	.1701	----	----	----	433
2825	----	----	----	0.323B/0.287A	0.323B/0.287A	----	----	----	0.296 -	0.003	.1582	----	----	----	44
2850	----	----	----	0.298B/0.267A	0.298B/0.267A	----	----	----	0.274 -	0.003	.1473	----	----	----	18
2875	----	----	----	0.275B/0.247A	0.275B/0.247A	----	----	----	0.253 -	0.004	.1370	----	----	----	2
2900	----	----	----	0.255B/0.229A	0.255B/0.229A	----	----	----	0.235 -	0.003	.1278	----	----	----	18
2925	----	----	----	0.235B/0.213A	0.235B/0.213A	----	----	----	0.218 -	0.003	.1191	----	----	----	20
2950	----	----	----	0.218B/0.198A	0.218B/0.198A	----	----	----	0.202 -	0.003	.1110	----	----	----	22
2975	----	----	----	0.203B/0.185A	0.203B/0.185A	----	----	----	0.188 -	0.003	.1036	----	----	----	6
3000	0.188	0.188		0.191/0.172A	0.191/0.172A	----	----	----	0.176 -	0.002	.0972	----	3	----	1720 +
3025	0.170	0.170		0.175B/0.160A	0.175B/0.160A	----	----	----	0.164 -	0.001	.0908	----	1	----	32 +
3050	----	----	----	0.163B/0.150A	0.163B/0.150A	----	----	----	0.153 -	0.001	.0850	----	----	----	5
3075	----	----	----	0.152B/0.140A	0.152B/0.140A	----	----	----	0.143 -	0.001	.0796	----	----	----	101
3100	----	----	----	0.141B/0.131A	0.141B/0.131A	----	----	----	0.134	UNCH	.0747	----	1	----	20
3125	0.127	0.127		0.132B/0.123A	0.132B/0.123A	----	----	----	0.126 +	0.001	.0703	----	1	----	2
3150	----	----	----	0.123B/0.115A	0.123B/0.115A	----	----	----	0.118 +	0.001	.0659	----	----	----	14
3200	----	----	----	0.107B/0.102A	0.107B/0.102A	----	----	----	0.104 +	0.001	.0582	----	----	----	5
3225	----	----	----	0.101B/----	0.101B/----	----	----	----	0.097 +	0.001	.0545	----	----	----	3
3250	----	----	----	0.094B/----	0.094B/----	----	----	----							

BULLETIN # 19@				METALS OPTION PRODUCTS										Mon, Jan 30, 2023				PG64
	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			
SO CALL	COMEX SILVER OPTIONS																	
JUL23																		
1850	----	----	----	5.894B/----	5.894B/----	----	5.759	+	0.102	.9237	----	----	----	----	25			
1875	----	----	----	5.666B/----	5.666B/----	----	5.532	+	0.101	.9154	----	----	----	----	2			
1950	----	----	----	5.000B/----	5.000B/----	----	4.869	+	0.095	.8853	----	----	----	----	1			
1975	----	----	----	4.784B/----	4.784B/----	----	4.655	+	0.093	.8735	----	----	----	----	10			
2000	----	----	----	4.574B/----	4.574B/----	----	4.445	+	0.090	.8607	----	----	----	----	10			
2075	----	----	----	3.966B/----	3.966B/----	----	3.842	+	0.081	.8165	----	----	----	----	5			
2100	----	----	----	3.773B/----	3.773B/----	----	3.652	+	0.078	.7997	----	----	----	----	114			
2125	----	----	----	3.586B/----	3.586B/----	----	3.466	+	0.074	.7821	----	----	----	----	35			
2200	----	----	----	3.059B/----	3.059B/----	----	2.947	+	0.063	.7242	----	----	----	----	205			
2275	----	----	----	2.590B/----	2.590B/----	----	2.486	+	0.051	.6603	----	----	----	----	5			
2300	----	----	----	2.446B/2.297A	2.446B/2.297A	----	2.346	+	0.048	.6382	----	----	----	----	43			
2325	----	----	----	2.309B/2.166A	2.309B/2.166A	----	2.212	+	0.044	.6159	----	----	----	----	7			
2350	----	----	----	2.179B/2.038A	2.179B/2.038A	----	2.085	+	0.040	.5935	----	----	----	----	13			
2400	----	----	----	1.937B/1.808A	1.937B/1.808A	----	1.850	+	0.033	.5487	----	----	----	----	204			
2425	----	----	----	1.826B/1.702A	1.826B/1.702A	----	1.742	+	0.029	.5266	----	----	----	----	30			
2450	----	----	----	1.721B/1.602A	1.721B/1.602A	----	1.640	+	0.026	.5048	----	----	----	----	19			
2475	----	----	----	1.621B/1.508A	1.621B/1.508A	----	1.543	+	0.022	.4835	----	----	2	----	93			
2500	----	----	----	1.527B/1.419A	1.527B/1.419A	----	1.452	+	0.018	.4627	----	----	----	----	603			
2525	----	----	----	1.440B/1.334A	1.440B/1.334A	----	1.367	+	0.016	.4425	----	----	----	----	42			
2550	----	----	----	1.356B/1.255A	1.356B/1.255A	----	1.286	+	0.012	.4227	----	----	----	----	3			
2575	----	----	----	1.278B/1.181A	1.278B/1.181A	----	1.211	+	0.010	.4037	----	----	----	----	10			
2600	----	----	----	1.204B/1.114A	1.204B/1.114A	----	1.140	+	0.007	.3853	----	----	----	----	267			
2650	----	----	----	1.069B/0.989A	1.069B/0.989A	----	1.012	+	0.004	.3506	----	----	----	----	130			
2675	----	----	----	1.008B/0.933A	1.008B/0.933A	----	0.954	+	0.002	.3342	----	----	----	----	364			
2700	----	----	----	0.951B/0.880A	0.951B/0.880A	----	0.900	+	0.001	.3187	----	----	----	----	407			
2725	----	----	----	0.897B/0.831A	0.897B/0.831A	----	0.849	+	0.001	.3037	----	----	----	----	42			
2750	----	----	----	0.847B/0.786A	0.847B/0.786A	----	0.802	+	0.001	.2895	----	----	----	----	13			
2775	----	----	----	0.802B/0.743A	0.802B/0.743A	----	0.758	+	0.002	.2760	----	----	----	----	34			
2800	----	----	----	0.758B/0.702A	0.758B/0.702A	----	0.716	+	0.003	.2630	----	----	----	----	395			
2825	----	----	----	0.717B/0.665A	0.717B/0.665A	----	0.678	+	0.003	.2508	----	----	----	----	2			
2850	----	----	----	0.679B/0.630A	0.679B/0.630A	----	0.642	+	0.003	.2391	----	----	----	----	9			
2900	----	----	----	0.609B/0.565A	0.609B/0.565A	----	0.577	+	0.003	.2176	----	----	----	----	148			
2925	----	----	----	0.578B/0.537A	0.578B/0.537A	----	0.547	+	0.003	.2076	----	----	----	----	1			
2950	----	----	----	0.548B/0.511A	0.548B/0.511A	----	0.520	+	0.003	.1983	----	----	----	----	36			
2975	----	----	----	0.521B/0.485A	0.521B/0.485A	----	0.494	+	0.003	.1893	----	----	----	----	1			
3000	----	----	----	0.495B/0.462A	0.495B/0.462A	----	0.469	+	0.003	.1807	----	----	----	----	2304			
3025	0.446	0.446		0.470B/0.440A	0.470B/0.440A	----	0.447	NEW		.1728	----	----	2	----	2			
3050	----	----	----	0.447B/0.418A	0.447B/0.418A	----	0.425	-	0.003	.1651	----	----	----	----	18			
3075	----	----	----	0.426B/0.398A	0.426B/0.398A	----	0.405	+	0.003	.1579	----	----	----	----	2			
3100	----	----	----	0.405B/0.380A	0.405B/0.380A	----	0.386	+	0.003	.1510	----	----	----	----	16			
3125	----	----	----	0.386B/0.361A	0.386B/0.361A	----	0.368	+	0.003	.1445	----	----	----	----	460			
3150	----	----	----	0.368B/0.345A	0.368B/0.345A	----	0.351	+	0.003	.1382	----	----	----	----	110			
3200	----	----	----	0.335B/0.316A	0.335B/0.316A	----	0.320	+	0.003	.1268	----	----	----	----	151			
3250	----	----	----	0.306B/0.289A	0.306B/0.289A	----	0.293	+	0.002	.1166	----	----	----	----	1			
3300	----	----	----	0.280B/0.265A	0.280B/0.265A	----	0.268	+	0.003	.1071	----	----	----	----	133			
3350	----	----	----	0.256B/0.244A	0.256B/0.244A	----	0.246	+	0.003	.0987	----	----	----	----	2			
3400	----	----	----	0.235B/0.225A	0.235B/0.225A	----	0.226	+	0.003	.0910	----	----	----	----	3			
3500	----	----	----	0.199B/0.193A	0.199B/0.193A	----	0.193	+	0.002	.0780	----	----	----	----	1028			
3575	----	----	----	0.177B/0.172A	0.177B/0.172A	----	0.172	+	0.001	.0697	----	----	----	----	4			
3600	----	----	----	0.170B/0.166A	0.170B/0.166A	----	0.165	+	0.002	.0670	----	----	----	----	1			
3650	----	----	----	0.158B/0.154A	0.158B/0.154A	----	0.154	+	0.001	.0625	----	----	----	----	3			
3775	----	----	----	0.131B/-----	0.131B/-----	----	0.129	UNCH		.0525	----	----	----	----	5			
3800	----	----	----	0.127B/-----	0.127B/-----	----	0.124	-	0.001	.0505	----	----	----	----	1			
3900	----	----	----	0.110B/-----	0.110B/-----	----	0.109	UNCH		.0444	----	----	----	----	191			
3950	----	----	----	0.103B/-----	0.103B/-----	----	0.102	UNCH		.0415	----	----	----	----	7			
4000	----	----	----	----	----	----	0.096	UNCH		.0390	----	----	----	----	1109			
4025	----	----	----	----	----	----	0.093	UNCH		.0378	----	----	----	----	10			
4075	----	----	----	----	----	----	0.088	+	0.001	.0357	----	----	----	----	1			
4500	----	----	----	----	----	----	0.055	+	0.001	.0221	----	----	----	----	19			
5000	----	----	----	----	----	----	0.035	+	0.001	.0139	----	----	----	----	228			
6000	----	----	----	0.019B/-----	0.019B/-----	----	0.019	+	0.001	.0071	----	----	----	----	71			
7000	----	----	----	----	----	----	0.014	+	0.002	.0049	----	----	----	----	19			
9000	----	----	----	----	----	----	0.008	+	0.002	.0026	----	----	----	----	10			
10000	----	----	----	----	----	----	0.005	UNCH		.0016	----	----	----	----	51			
TOTAL													4	0	9292 +			
SEP23																		
1650	----	----	----	7.540B/----	7.540B/----	----	7.893	+	0.129	.9517	----	----	----	----	1			
1700	----	----	----	7.307B/----	7.307B/----	----	7.421	+	0.127	.9418	----	----	----	----	1			
1725	----	----	----	7.075B/----	7.075B/----	----	7.188	+	0.126	.9363	----	----	----	----	2			
1750	----	----	----	5.115B/----	5.115B/----	----	6.957	+	0.124	.9300	----	----	----	----	1			
1975	----	----	----	4.914B/----	4.914B/----	----	5.006	+	0.105	.8486	----	----	----	----	1			
2000	----	----	----	4.914B/----	4.914B/----	----	4.807	+	0.102	.8363	----	----	----	----	1			
2200	----	----	----	3.4														

BULLETIN # 19@				METALS OPTION PRODUCTS							Mon, Jan 30, 2023				PG64
	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			
SO CALL	COMEX SILVER OPTIONS														
TOTAL											0	5191	0		
SO PUT	COMEX SILVER OPTIONS														
MAR23															
775	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH		
800	----	----	----	----	----	0.001	UNCH	----	----	----	----	21	UNCH		
900	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH		
1000	----	----	----	----	----	0.001	UNCH	----	----	----	----	2	UNCH		
1050	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH		
1100	----	----	----	----	----	0.001	UNCH	----	----	----	----	21 -	1		
1150	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH		
1175	----	----	----	----	----	0.001	UNCH	----	----	----	----	5	UNCH		
1200	----	----	----	----	----	0.001	UNCH	.0000	----	----	----	19	UNCH		
1225	----	----	----	----	----	0.001	UNCH	.0000	----	----	----	230	UNCH		
1250	----	----	----	----	----	0.001	UNCH	.0000	----	----	----	11	UNCH		
1300	----	----	----	----	----	0.001	UNCH	.0000	----	----	----	245	UNCH		
1325	----	----	----	----	----	0.001	UNCH	.0000	----	----	----	2	UNCH		
1350	----	----	----	----	----	0.001	UNCH	.0001	----	----	----	8 -	1		
1375	----	----	----	----	----	0.001	UNCH	.0002	----	----	----	5	UNCH		
1400	0.001	0.001	0.001/0.001	0.001/0.001	----	0.001	UNCH	.0003	----	1	----	216 -	1		
1425	----	----	----	----	----	0.001	UNCH	.0005	----	----	----	6	UNCH		
1450	----	----	----	----	----	0.001	UNCH	.0007	----	----	----	92	UNCH		
1475	----	----	----	----	----	0.002 +	0.001	.0013	----	----	----	5	UNCH		
1500	----	----	----	----	----	0.002 +	0.001	.0014	----	----	----	434	UNCH		
1525	----	----	----	----	----	0.002 +	0.001	.0014	----	----	----	12	UNCH		
1550	----	----	----	----	----	0.002 +	0.001	.0015	----	----	----	257 -	2		
1575	----	----	----	----	----	0.002	UNCH	.0016	----	----	----	14	UNCH		
1600	----	----	----	----	----	0.003 +	0.001	.0023	----	----	----	30 -	4		
1625	----	----	----	----	----	0.003 +	0.001	.0024	----	----	----	168	UNCH		
1650	----	----	----	----	----	0.003 +	0.001	.0025	----	----	----	59 -	1		
1675	----	----	----	----	----	0.003	UNCH	.0026	----	----	----	14	UNCH		
1700	----	----	----	----	----	0.004 +	0.001	.0034	----	2	----	389 -	2		
1725	----	----	----	----	----	0.004	UNCH	.0036	----	----	----	37	UNCH		
1750	----	----	----	----	----	0.005 +	0.001	.0045	----	----	----	138	UNCH		
1775	----	----	----	----	----	0.005	UNCH	.0047	----	----	----	5	UNCH		
1800	----	----	----	----	----	0.006 +	0.001	.0057	----	----	----	770	UNCH		
1825	----	----	----	----	----	0.006	UNCH	.0060	----	----	----	56	UNCH		
1850	----	----	----	----	----	0.007	UNCH	.0071	----	----	----	59	UNCH		
1875	----	----	----	----	----	0.007 -	0.001	.0074	----	----	----	283 -	3		
1900	----	----	----	----	----	0.008 -	0.002	.0087	----	----	----	187 -	10		
1910	----	----	----	----	----	0.009 -	0.002	.0098	----	----	----	1	UNCH		
1915	----	----	----	----	----	0.009 -	0.002	.0099	----	----	----	6	UNCH		
1920	----	----	----	----	----	0.009 -	0.002	.0100	----	----	----	2	UNCH		
1925	----	----	----	----	----	0.010 -	0.002	.0110	----	----	----	54	UNCH		
1930	----	----	----	----	----	0.010 -	0.002	.0111	----	----	----	2	UNCH		
1935	----	----	----	----	----	0.010 -	0.003	.0112	----	----	----	4	UNCH		
1940	----	----	----	----	----	0.011 -	0.002	.0122	----	1	----	13	UNCH		
1945	----	----	----	----	----	0.011 -	0.003	.0123	----	----	----	2	UNCH		
1950	0.011	0.011	0.011/*0.011	0.011/*0.011	----	0.011 -	0.003	.0125	----	2	----	466 +	1		
1955	----	----	----	----	----	0.012 -	0.003	.0135	----	----	----	18	UNCH		
1960	----	----	----	----	----	0.012 -	0.003	.0137	----	----	----	19	UNCH		
1965	----	----	----	----	----	0.013 -	0.003	.0147	----	----	----	6	UNCH		
1970	----	----	----	----	----	0.013 -	0.004	.0149	----	----	----	24	UNCH		
1975	----	----	----	----	----	0.014 -	0.004	.0159	----	----	----	33	UNCH		
1980	0.013	0.013	0.013/*0.013	0.013/*0.013	----	0.014 -	0.004	.0161	----	1	----	4 +	1		
1985	0.014	0.014	0.014/*0.014	0.014/*0.014	----	0.015 -	0.004	.0172	----	1	----	2 +	1		
1990	----	----	----	----	----	0.016 -	0.004	.0183	----	1	----	4	UNCH		
1995	----	----	----	----	----	0.016 -	0.005	.0185	----	----	----	3	UNCH		
2000	0.017	0.017	0.017/0.017	0.017/0.017	----	0.017 -	0.005	.0196	----	1	----	477 -	10		
2005	----	----	----	----	----	0.018 -	0.005	.0208	----	----	----	1	UNCH		
2010	----	----	----	----	----	0.019 -	0.005	.0219	----	----	----	7	UNCH		
2015	----	----	----	----	----	0.020 -	0.005	.0230	----	----	----	1	UNCH		
2020	----	----	----	----	----	0.021 -	0.005	.0242	----	----	----	2	UNCH		
2025	----	----	----	----	----	0.022 -	0.005	.0254	----	----	----	47	UNCH		
2030	----	----	----	----	----	0.023 -	0.006	.0265	----	----	----	7	UNCH		
2035	----	----	----	----	----	0.024 -	0.006	.0277	----	----	----	1	UNCH		
2040	----	----	----	----	----	0.026 -	0.006	.0298	----	1	----	1 -	1		
2045	----	----	----	----	----	0.027 -	0.006	.0310	----	----	----	4	UNCH		
2050	0.026	0.026	0.029/*0.026	0.029/*0.026	----	0.028 -	0.007	.0323	----	12	----	120 +	9		
2055	----	----	----	----	----	0.030 -	0.007	.0344	----	----	----	15	UNCH		
2060	----	----	----	----	----	0.031 -	0.008	.0357	----	----	----	9	UNCH		
2065	----	----	----	----	----	0.033 -	0.008	.0378	----	----	----	168	UNCH		
2070	----	----	----	----	----	0.035 -	0.008	.0399	----	----	----	22	UNCH		
2075	----	----	----	----	----	0.036 -	0.009	.0413	----	----	----	167	UNCH		
2080	----	----	----	----	----	0.038 -	0.009	.0435	----	----	----	5	UNCH		
2085	----	----	----	----	----	0.040 -	0.010	.0457	----	----	----	16	UNCH		
2090	----	----	----	----	----	0.042 -	0.011	.0479	----	----	----	17	UNCH		
2095	----	----	----	----	----	0.045 -	0.010	.0510	----	----	----	20	UNCH		
2100	0.047	0.047	0.047/0.046A	0.047/0.046A	----	0.047 -	0.012	.0533	----	2	----	2116 -	3		
2105	----	----	----	----	----	0.050 -	0.012	.0564	----	----	----	16	UNCH		
2110	----	----	----	----	----	0.053 -	0.012	.0595	----	----	----	10	UNCH		
2115	----	----	----	----	----	0.056 -	0.013	.0626	----	----	----	22	UNCH		
2120	----	----	----	----	----	0.059 -	0.014	.0657	----	----	----	201	UNCH		
2125	----	----	----	----	----	0.062 -	0.015	.0689	----	5	----	69	UNCH		
2130	----	----	----	----	----	0.066 -	0.016	.0729	----	----	----	18	UNCH		
2135	----	----	----	----	----	0.070 -	0.016	.0768	----	----	----	8	UNCH		
2140	----	----	----	----	----	0.074 -	0.017	.0808	----	----	----	20	UNCH		
2145	----	----	----	----	----	0.078 -	0.018	.0848	----	----	----	8	UNCH		
2150	0.078	0.078	0.078/0.077A	0.078/0.077A	----	0.082 -	0.020	.0889	----	7	----	643 -	2		
2155	----	----	----	----	----	0.087 -	0.020	.0936	----	1	----	38	UNCH		
2160	----	----	----	----	----	0.092 -	0.021	.0984	----	1	----	17	UNCH		
2165	----	----	----	----	----	0.097 -	0.023	.1032	----	----	----	12	UNCH		
2170	----	----	----	----	----	0.102 -	0.024	.1080	----	----	----	17	UNCH		
2175	0.106	0.106	0.120B/0.101A	0.120B/0.101A	----	0.108 -	0.025	.1135	----	8	----	349 -	1		
2180	0.112	0.112	0.112/0.106A	0.112/0.106A	----	0.114 -	0.026	.1191	----						

BULLETIN # 19@				METALS OPTION PRODUCTS								Mon, Jan 30, 2023			PG64	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	OPEN CLOSE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
SO PUT	COMEX SILVER OPTIONS															
MAR23																
2405	----	----	----	/0. 806A	----	/0. 806A	----		0. 868 -	0. 099	.5590	----	----	----	5	UNCH
2410	----	----	----	/0. 835A	----	/0. 835A	----		0. 898 -	0. 100	.5703	----	----	----	43	UNCH
2415	----	----	----	/0. 862A	----	/0. 862A	----		0. 929 -	0. 100	.5815	----	----	----	32	UNCH
2420	----	----	----	/0. 891A	----	/0. 891A	----		0. 960 -	0. 102	.5926	----	----	----	60	UNCH
2425	----	----	----	/0. 921A	----	/0. 921A	----		0. 992 -	0. 103	.6035	----	----	----	78	UNCH
2430	----	----	----	/0. 953A	----	/0. 953A	----		1. 024 -	0. 104	.6142	----	----	----	59	UNCH
2435	----	----	----	/0. 983A	----	/0. 983A	----		1. 057 -	0. 105	.6249	----	----	----	5	UNCH
2440	----	----	----	/1. 014A	----	/1. 014A	----		1. 091 -	0. 105	.6355	----	----	----	6	UNCH
2445	----	----	----	/1. 046A	----	/1. 046A	----		1. 125 -	0. 106	.6456	----	----	----	7	UNCH
2450	----	----	----	/1. 081A	----	/1. 081A	----		1. 159 -	0. 107	.6560	----	17	----	63 +	1
2455	----	----	----	/1. 114A	----	/1. 114A	----		1. 194 -	0. 107	.6660	----	----	----	18	UNCH
2460	1. 210	1. 210		1. 294B/1. 147A	1. 294B/1. 147A				1. 230 -	0. 107	.6757	----	3	----	5	UNCH
2465	----	----	----	/1. 180A	----	/1. 180A	----		1. 266 -	0. 108	.6854	----	----	----	5	UNCH
2470	----	----	----	/1. 215A	----	/1. 215A	----		1. 302 -	0. 109	.6951	----	----	----	5	UNCH
2475	----	----	----	/1. 249A	----	/1. 249A	----		1. 339 -	0. 109	.7044	----	----	----	3	UNCH
2480	----	----	----	/1. 284A	----	/1. 284A	----		1. 376 -	0. 110	.7133	----	----	----	3	UNCH
2485	----	----	----	/1. 320A	----	/1. 320A	----		1. 414 -	0. 110	.7222	----	----	----	3	UNCH
2490	----	----	----	/1. 356A	----	/1. 356A	----		1. 452 -	0. 111	.7311	----	----	----	3	UNCH
2495	----	----	----	/1. 406A	----	/1. 406A	----		1. 491 -	0. 111	.7395	----	----	----	8	UNCH
2500	----	----	----	/1. 435A	----	/1. 435A	----		1. 530 -	0. 111	.7479	----	----	----	38 -	1
2505	----	----	----	/1. 481A	----	/1. 481A	----		1. 569 -	0. 112	.7559	----	----	----	5	UNCH
2510	----	----	----	/1. 518A	----	/1. 518A	----		1. 609 -	0. 112	.7642	----	----	----	4	UNCH
2515	----	----	----	/1. 558A	----	/1. 558A	----		1. 649 -	0. 112	.7716	----	----	----	8	UNCH
2520	----	----	----	/1. 597A	----	/1. 597A	----		1. 690 -	0. 112	.7795	----	----	----	4	UNCH
2525	----	----	----	/1. 627A	----	/1. 627A	----		1. 731 -	0. 112	.7868	----	----	----	2	UNCH
2530	----	----	----	/1. 676A	----	/1. 676A	----		1. 772 -	0. 113	.7937	----	----	----	5	UNCH
2535	----	----	----	/1. 716A	----	/1. 716A	----		1. 814 -	0. 112	.8005	----	----	----	2	UNCH
2550	----	----	----	/1. 830A	----	/1. 830A	----		1. 940 -	0. 113	.8201	----	----	----	8	UNCH
2560	----	----	----	/1. 944A	----	/1. 944A	----		2. 026 -	0. 113	.8324	----	----	----	3	UNCH
2565	----	----	----	/1. 986A	----	/1. 986A	----		2. 070 -	0. 113	.8385	----	----	----	8	UNCH
2570	----	----	----	/2. 029A	----	/2. 029A	----		2. 114 -	0. 112	.8440	----	----	----	1	UNCH
2575	2. 070	2. 070		2. 238B/2. 040A	2. 238B/2. 040A				2. 158 -	0. 112	.8494	----	2	----	8 +	2
2590	----	----	----	/2. 201A	----	/2. 201A	----		2. 291 -	0. 112	.8644	----	----	----	3	UNCH
2595	----	----	----	/2. 245A	----	/2. 245A	----		2. 336 -	0. 112	.8691	----	----	----	9	UNCH
2600	2. 450	2. 450		2. 450/2. 258A	2. 450/2. 258A				2. 381 -	0. 112	.8738	----	1	----	6	UNCH
2610	----	----	----	/2. 377A	----	/2. 377A	----		2. 471 -	0. 113	.8824	----	----	----	1	UNCH
2625	2. 577	2. 577		2. 694B/2. 481A	2. 694B/2. 481A				2. 609 -	0. 112	.8949	----	1	----	8 +	1
2650	----	----	----	/2. 710A	----	/2. 710A	----		2. 841 -	0. 112	.9121	----	----	----	15 -	1
2675	----	----	----	/2. 943A	----	/2. 943A	----		3. 076 -	0. 113	.9265	----	----	----	5	UNCH
2700	----	----	----	/3. 179A	----	/3. 179A	----		3. 315 -	0. 112	.9383	----	----	----	15	UNCH
2725	3. 580	3. 580		3. 647B/3. 417A	3. 647B/3. 417A				3. 556 -	0. 112	.9480	----	5	----	2 -	1
2750	3. 734	3. 734		3. 801/3. 658A	3. 801/3. 658A				3. 798 -	0. 112	.9567	----	9	----	7 +	3
2775	----	----	----	----	----	----	----		4. 042 -	0. 112	.9625	----	----	----	2	UNCH
2800	----	----	----	----	----	----	----		4. 287 -	0. 112	.9682	----	----	----	12	UNCH
2825	----	----	----	----	----	----	----		4. 533 -	0. 113	.9727	----	----	----	4	UNCH
2850	----	----	----	----	----	----	----		4. 780 -	0. 112	.9763	----	----	----	2	UNCH
2875	----	----	----	----	----	----	----		5. 028 -	0. 112	.9788	----	----	----	7	UNCH
2900	----	----	----	----	----	----	----		5. 276 -	0. 112	.9812	----	----	----	1	UNCH
2925	----	----	----	----	----	----	----		5. 524 -	0. 112	.9835	----	----	----	5	UNCH
2950	----	----	----	----	----	----	----		5. 773 -	0. 111	.9848	----	----	----	1	UNCH
2975	----	----	----	----	----	----	----		6. 021 -	0. 112	.9870	----	----	----	3	UNCH
3000	----	----	----	----	----	----	----		6. 270 -	0. 111	.9882	----	----	----	7	UNCH
3025	----	----	----	----	----	----	----		6. 519 -	0. 111	.9894	----	----	----	1	UNCH
3050	----	----	----	----	----	----	----		6. 768 -	0. 111	.9905	----	----	----	3	UNCH
3075	----	----	----	----	----	----	----		7. 018 -	0. 111	.9916	----	----	----	1	UNCH
3100	----	----	----	----	----	----	----		7. 267 -	0. 111	.9927	----	----	----	4	UNCH
3125	----	----	----	----	----	----	----		7. 517 -	0. 111	.9937	----	----	----	7	UNCH
3150	----	----	----	----	----	----	----		7. 767 -	0. 111	.9947	----	----	----	4	UNCH
3175	----	----	----	----	----	----	----		8. 017 -	0. 111	.9948	----	----	----	4	UNCH
3200	----	----	----	----	----	----	----		8. 267 -	0. 111	.9958	----	----	----	1	UNCH
3225	----	----	----	----	----	----	----		8. 517 -	0. 111	.9959	----	----	----	4	UNCH
3250	----	----	----	----	----	----	----		8. 767 -	0. 111	.9960	----	----	----	6	UNCH
3275	----	----	----	----	----	----	----		9. 017 -	0. 111	.9969	----	----	----	6	UNCH
3300	----	----	----	----	----	----	----		9. 267 -	0. 111	.9970	----	----	----	2	UNCH
3325	----	----	----	----	----	----	----		9. 517 -	0. 111	.9971	----	----	----	1	UNCH
3375	----	----	----	----	----	----	----		10. 017 -	0. 111	.9980	----	----	----	1	UNCH
3400	----	----	----	----	----	----	----		10. 267 -	0. 111	.9981	----	----	----	2	UNCH
3425	----	----	----	----	----	----	----		10. 517 -	0. 111	.9981	----	----	----	2	UNCH
3450	----	----	----	----	----	----	----		10. 767 -	0. 111	.9981	----	----	----	3	UNCH
3475	----	----	----	----	----	----	----		11. 017 -	0. 111	.9982	----	----	----	1	UNCH
3525	----	----	----	----	----	----	----		11. 517 -	0. 111	.9993	----	----	----	2	UNCH
3550	----	----	----	----	----	----	----		11. 767 -	0. 111	.9994	----	----	----	3	UNCH
3575	----	----	----	----	----	----	----		12. 017 -	0. 111	.9996	----	----	----	1	UNCH
3625																

BULLETIN # 19@				METALS OPTION PRODUCTS							Mon, Jan 30, 2023				PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME		OPEN INTEREST
SO PUT	COMEX SILVER OPTIONS														
APR23															
2285	----	----	----	/0. 568A	----	/0. 568A	----	0. 592 - 0.062	.3169	----	----	----	----	5	UNCH
2290	----	----	----	/0. 585A	----	/0. 585A	----	0. 610 - 0.063	.3239	----	----	----	----	5	UNCH
2295	----	----	----	/0. 602A	----	/0. 602A	----	0. 628 - 0.065	.3310	----	----	----	----	1	UNCH
2300	----	----	----	/0. 620A	----	/0. 620A	----	0. 647 - 0.066	.3382	----	----	----	----	222	UNCH
2310	----	----	----	/0. 657A	----	/0. 657A	----	0. 686 - 0.068	.3527	----	----	----	----	3	UNCH
2315	----	----	----	/0. 676A	----	/0. 676A	----	0. 706 - 0.069	.3600	----	----	----	----	10	UNCH
2320	----	----	----	/0. 696A	----	/0. 696A	----	0. 727 - 0.070	.3674	----	----	----	----	1	UNCH
2325	----	----	----	/0. 716A	----	/0. 716A	----	0. 748 - 0.071	.3748	----	----	----	----	54	UNCH
2330	----	----	----	/0. 736A	----	/0. 736A	----	0. 769 - 0.072	.3822	----	----	----	----	6	UNCH
2340	----	----	----	/0. 778A	----	/0. 778A	----	0. 813 - 0.074	.3972	----	----	----	----	3	UNCH
2345	----	----	----	/0. 799A	----	/0. 799A	----	0. 836 - 0.075	.4047	----	----	----	----	14	UNCH
2350	----	----	----	/0. 821A	----	/0. 821A	----	0. 859 - 0.076	.4122	----	----	1	----	126 +	1
2355	----	----	----	/0. 843A	----	/0. 843A	----	0. 882 - 0.078	.4197	----	----	----	----	23	UNCH
2360	----	----	----	/0. 866A	----	/0. 866A	----	0. 906 - 0.079	.4272	----	----	----	----	2	UNCH
2365	----	----	----	/0. 890A	----	/0. 890A	----	0. 931 - 0.079	.4348	----	----	----	----	4	UNCH
2370	----	----	----	/0. 913A	----	/0. 913A	----	0. 955 - 0.081	.4423	----	----	----	----	2	UNCH
2375	----	----	----	/0. 937A	----	/0. 937A	----	0. 980 - 0.082	.4498	----	----	----	----	215	UNCH
2380	----	----	----	/0. 961A	----	/0. 961A	----	1. 006 - 0.082	.4574	----	----	----	----	8	UNCH
2385	----	----	----	/0. 986A	----	/0. 986A	----	1. 032 - 0.083	.4649	----	----	----	----	9	UNCH
2390	----	----	----	/1. 012A	----	/1. 012A	----	1. 058 - 0.084	.4724	----	----	----	----	200	UNCH
2395	----	----	----	/1. 037A	----	/1. 037A	----	1. 085 - 0.085	.4799	----	----	----	----	7	UNCH
2400	----	----	----	/1. 062A	----	/1. 062A	----	1. 112 - 0.086	.4873	----	----	10	----	264 +	4
2405	----	----	----	/1. 089A	----	/1. 089A	----	1. 140 - 0.087	.4948	----	----	----	----	2	UNCH
2410	----	----	----	/1. 116A	----	/1. 116A	----	1. 168 - 0.087	.5021	----	----	----	----	5	UNCH
2415	----	----	----	/1. 143A	----	/1. 143A	----	1. 196 - 0.089	.5095	----	----	----	----	1	UNCH
2420	----	----	----	/1. 171A	----	/1. 171A	----	1. 225 - 0.089	.5169	----	----	----	----	160	UNCH
2425	----	----	----	/1. 199A	----	/1. 199A	----	1. 254 - 0.090	.5242	----	----	----	----	23	UNCH
2430	----	----	----	/1. 226A	----	/1. 226A	----	1. 283 - 0.091	.5315	----	----	----	----	3	UNCH
2435	----	----	----	/1. 255A	----	/1. 255A	----	1. 313 - 0.092	.5387	----	----	----	----	2	UNCH
2440	----	----	----	/1. 284A	----	/1. 284A	----	1. 343 - 0.093	.5458	----	----	----	----	11	UNCH
2450	----	----	----	/1. 343A	----	/1. 343A	----	1. 404 - 0.095	.5600	----	----	----	----	37	UNCH
2455	----	----	----	/1. 373A	----	/1. 373A	----	1. 436 - 0.095	.5671	----	----	----	----	7	UNCH
2475	----	----	----	/1. 497A	----	/1. 497A	----	1. 564 - 0.099	.5946	----	----	----	----	6	UNCH
2495	----	----	----	/1. 625A	----	/1. 625A	----	1. 698 - 0.101	.6214	----	----	----	----	6	UNCH
2500	----	----	----	/1. 659A	----	/1. 659A	----	1. 732 - 0.102	.6278	----	----	----	----	2	UNCH
2510	----	----	----	/1. 726A	----	/1. 726A	----	1. 802 - 0.103	.6406	----	----	----	----	4	UNCH
2525	1. 902	1. 902		1. 902/1. 829A	1. 902/1. 829A			1. 908 - 0.105	.6593	----	----	2	----	5 +	2
2530	1. 938	1. 938		1. 938/1. 864A	1. 938/1. 864A			1. 944 - 0.106	.6652	----	----	2	----	1 -	2
2535	----	----	----	/1. 899A	----	/1. 899A	----	1. 981 - 0.106	.6711	----	----	----	----	5	UNCH
2540	----	----	----	/1. 935A	----	/1. 935A	----	2. 017 - 0.107	.6770	----	----	----	----	1	UNCH
2545	----	----	----	/1. 971A	----	/1. 971A	----	2. 054 - 0.108	.6829	----	----	----	----	1	UNCH
2550	----	----	----	/2. 007A	----	/2. 007A	----	2. 092 - 0.108	.6888	----	----	----	----	2	UNCH
2560	----	----	----	/2. 079A	----	/2. 079A	----	2. 167 - 0.109	.7000	----	----	----	----	4	UNCH
2575	----	----	----	/2. 190A	----	/2. 190A	----	2. 282 - 0.111	.7163	----	----	----	----	2	UNCH
2600	----	----	----	/2. 385A	----	/2. 385A	----	2. 479 - 0.112	.7417	----	----	----	----	4	UNCH
2625	----	----	----	/2. 584A	----	/2. 584A	----	2. 683 - 0.113	.7653	----	----	----	----	1	UNCH
2650	----	----	----	/2. 789A	----	/2. 789A	----	2. 891 - 0.114	.7867	----	----	----	----	1	UNCH
2675	----	----	----	/2. 997A	----	/2. 997A	----	3. 104 - 0.114	.8064	----	----	----	----	2	UNCH
2700	----	----	----	/3. 211A	----	/3. 211A	----	3. 322 - 0.114	.8241	----	----	----	----	1	UNCH
2725	3. 488	3. 488		3. 619B/3. 429A	3. 619B/3. 429A			3. 543 - NEW	.8403	----	----	1	----	1 +	1
2750	3. 698	3. 698		3. 845B/3. 650A	3. 845B/3. 650A			3. 767 - 0.115	.8550	----	----	1	----	2 +	1
2800	----	----	----	/4. 103A	----	/4. 103A	----	4. 224 - 0.114	.8801	----	----	----	----	1	UNCH
2825	----	----	----	/4. 332A	----	/4. 332A	----	4. 456 - 0.114	.8908	----	----	----	----	2	UNCH
2850	----	----	----	/4. 565A	----	/4. 565A	----	4. 690 - 0.114	.9008	----	----	----	----	2	UNCH
2875	----	----	----	/4. 799A	----	/4. 799A	----	4. 925 - 0.114	.9097	----	----	----	----	1	UNCH
2900	----	----	----	/5. 035A	----	/5. 035A	----	5. 162 - 0.114	.9176	----	----	----	----	1	UNCH
2925	----	----	----	/5. 272A	----	/5. 272A	----	5. 400 - 0.114	.9248	----	----	----	----	2	UNCH
2950	----	----	----	/5. 510A	----	/5. 510A	----	5. 640 - 0.114	.9313	----	----	----	----	1	UNCH
3000	----	----	----	/5. 990A	----	/5. 990A	----	6. 122 - 0.114	.9422	----	----	----	----	2	UNCH
3050	----	----	----	/6. 474A	----	/6. 474A	----	6. 608 - 0.114	.9516	----	----	----	----	2	UNCH
3075	----	----	----	/6. 717A	----	/6. 717A	----	6. 852 - 0.114	.9556	----	----	----	----	2	UNCH
3100	----	----	----		----			7. 097 - 0.114	.9591	----	----	----	----	2	UNCH
3125	----	----	----		----			7. 342 - 0.114	.9620	----	----	----	----	2	UNCH
3175	----	----	----		----			7. 834 - 0.114	.9676	----	----	----	----	2	UNCH
3200	----	----	----		----			8. 081 - 0.113	.9703	----	----	----	----	2	UNCH
3400	----	----	----		----			10.066 - 0.114	.9830	----	----	----	----	1	UNCH
TOTAL												93	0	5325 +	43
MAY23															
800	----	----	----		----			0. 001 - UNCH	.0000	----	----	----	----	1	UNCH
850	----	----	----		----			0. 001 - UNCH	.0000	----	----	----	----	15	UNCH
1100	----	----	----		----			0. 002 + 0.001	.0009	----	----	----	----	3	UNCH
1300	----	----	----		----			0. 006 + 0.001	.0030	----	----	----	----	233	UNCH
1325	----	----	----		----			0. 006 - UNCH	.0030	----	----	----	----	1	UNCH
1375	----	----	----		----			0. 007 - 0.001	.0037	----	----	----	----	1	UNCH
1400	----	----	----		----			0. 008 - 0.001	.0042	----	----	----	----		

BULLETIN # 19@				METALS OPTION PRODUCTS							Mon, Jan 30, 2023		PG64		
	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			
SO PUT	COMEX SILVER OPTIONS														
MAY23															
3075	----	----	----/6.786A	----/6.786A	----	6.915	- 0.113	.9202	----	----	----	----	6	UNCH	
3125	----	----	----/7.265A	----/7.265A	----	7.396	- 0.112	.9295	----	----	----	----	5	UNCH	
3150	----	----	----/7.506A	----/7.506A	----	7.638	- 0.111	.9339	----	----	----	----	1	UNCH	
3175	----	----	----/7.748A	----/7.748A	----	7.880	- 0.111	.9381	----	----	----	----	2	UNCH	
3200	----	----	----/7.990A	----/7.990A	----	8.123	- 0.111	.9416	----	----	----	----	3	UNCH	
3225	----	----	----/8.232A	----/8.232A	----	8.366	- 0.111	.9453	----	----	----	----	4	UNCH	
3250	----	----	----/8.476A	----/8.476A	----	8.610	- 0.111	.9486	----	----	----	----	2	UNCH	
3275	----	----	----/8.720A	----/8.720A	----	8.854	- 0.112	.9515	----	----	----	----	6	UNCH	
3300	----	----			----	9.099	- 0.112	.9543	----	----	----	----	3	UNCH	
3325	----	----			----	9.344	- 0.112	.9570	----	----	----	----	8	UNCH	
3350	----	----			----	9.590	- 0.112	.9597	----	----	----	----	9	UNCH	
3375	----	----			----	9.836	- 0.112	.9620	----	----	----	----	10	UNCH	
3400	----	----			----	10.082	- 0.113	.9642	----	----	----	----	12	UNCH	
3425	----	----			----	10.329	- 0.113	.9664	----	----	----	----	4	UNCH	
3500	----	----			----	11.072	- 0.112	.9716	----	----	----	----	11	UNCH	
TOTAL										7	0	7064	-	6	
JUN23															
1575	----	----			----	0.033	- 0.002	.0160	----	----	----	----	1	UNCH	
1600	----	----			----	0.037	- 0.002	.0180	----	----	----	----	100	UNCH	
1675	----	----			----	0.052	- 0.003	.0255	----	----	----	----	1	UNCH	
1700	----	----			----	0.058	- 0.003	.0285	----	----	----	----	4	UNCH	
1725	----	----			----	0.065	- 0.004	.0320	----	----	----	----	2	UNCH	
1750	----	----	----/0.077A	----/0.077A	----	0.073	- 0.005	.0359	----	----	----	----	1	UNCH	
1775	----	----	----/0.085A	----/0.085A	----	0.083	- 0.005	.0407	----	----	----	----	3	UNCH	
1800	----	----	----/0.096A	----/0.096A	----	0.093	- 0.006	.0455	----	----	----	----	6	UNCH	
1825	----	----	----/0.106A	----/0.106A	----	0.105	- 0.007	.0512	----	----	----	----	4	UNCH	
1850	----	----	----/0.120A	----/0.120A	----	0.119	- 0.008	.0577	----	----	----	----	7	UNCH	
1875	----	----	----/0.135A	----/0.135A	----	0.134	- 0.010	.0646	----	----	----	----	4	UNCH	
1900	----	----	----/0.152A	----/0.152A	----	0.152	- 0.011	.0727	----	----	----	----	13	UNCH	
1925	----	----	----/0.172A	----/0.172A	----	0.172	- 0.013	.0815	----	----	----	----	3	UNCH	
1950	----	----	----/0.195A	----/0.195A	----	0.195	- 0.015	.0914	----	----	----	----	57	UNCH	
2000	----	----	----/0.248A	----/0.248A	----	0.251	- 0.020	.1146	----	----	----	----	407	UNCH	
2025	----	----	----/0.281A	----/0.281A	----	0.285	- 0.022	.1280	----	----	----	----	2	UNCH	
2050	----	----	----/0.318A	----/0.318A	----	0.322	- 0.026	.1424	----	----	----	----	10	UNCH	
2075	----	----	----/0.360A	----/0.360A	----	0.365	- 0.029	.1583	----	----	----	----	16	UNCH	
2100	----	----	----/0.406A	----/0.406A	----	0.412	- 0.033	.1753	----	1	----	101	+	1	
2175	----	----	----/0.576A	----/0.576A	----	0.590	- 0.044	.2341	----	----	----	----	2	UNCH	
2200	----	----	----/0.645A	----/0.645A	----	0.661	- 0.049	.2558	----	----	----	----	7	UNCH	
2225	----	----	----/0.721A	----/0.721A	----	0.740	- 0.053	.2786	----	----	----	----	34	UNCH	
2250	----	----	----/0.803A	----/0.803A	----	0.826	- 0.057	.3023	----	----	----	----	24	UNCH	
2275	----	----	----/0.895A	----/0.895A	----	0.919	- 0.061	.3267	----	----	----	----	7	UNCH	
2300	1.030	1.030	1.030/0.992A	1.030/0.992A	----	1.019	- 0.066	.3516	----	10	----	19	+	10	
2400	----	----	----/1.453A	----/1.453A	----	1.494	- 0.082	.4538	----	----	----	----	2	UNCH	
2425	----	----	----/1.586A	----/1.586A	----	1.631	- 0.086	.4791	----	----	----	----	25	UNCH	
2450	----	----	----/1.726A	----/1.726A	----	1.774	- 0.090	.5041	----	1	----	218	+	1	
2475	----	----	----/1.872A	----/1.872A	----	1.924	- 0.093	.5285	----	----	----	----	2	UNCH	
2525	----	----	----/2.183A	----/2.183A	----	2.243	- 0.099	.5755	----	----	----	----	3	UNCH	
2575	----	----	----/2.518A	----/2.518A	----	2.585	- 0.105	.6193	----	----	----	----	2	UNCH	
2600	----	----	----/2.693A	----/2.693A	----	2.764	- 0.108	.6400	----	----	----	----	5	UNCH	
2650	----	----	----/3.059A	----/3.059A	----	3.137	- 0.111	.6785	----	----	----	----	2	UNCH	
2675	----	----	----/3.249A	----/3.249A	----	3.331	- 0.112	.6964	----	----	----	----	2	UNCH	
2700	----	----	----/3.443A	----/3.443A	----	3.529	- 0.113	.7133	----	----	----	----	2	UNCH	
2725	----	----	----/3.641A	----/3.641A	----	3.730	- 0.114	.7294	----	----	----	----	2	UNCH	
2750	----	----	----/3.844A	----/3.844A	----	3.936	- 0.114	.7444	----	----	----	----	4	UNCH	
2800	----	----	----/4.259A	----/4.259A	----	4.356	- 0.115	.7720	----	----	----	----	1	UNCH	
2825	----	----	----/4.470A	----/4.470A	----	4.571	- 0.114	.7848	----	----	----	----	2	UNCH	
3175	----	----	----/7.648A	----/7.648A	----	7.768	- 0.114	.8994	----	----	----	----	2	UNCH	
3225	----	----	----/8.123A	----/8.123A	----	8.244	- 0.114	.9088	----	----	----	----	2	UNCH	
3325	----	----	----/9.081A	----/9.081A	----	9.205	- 0.113	.9250	----	----	----	----	1	UNCH	
3350	----	----	----/9.322A	----/9.322A	----	9.447	- 0.113	.9286	----	----	----	----	2	UNCH	
TOTAL										12	0	1114	+	12	
JUL23															
725	----	----			----	0.001	- 0.001	.0002	----	----	----	----	263	UNCH	
1050	----	----			----	0.007	- 0.001	.0026	----	----	----	----	157	UNCH	
1100	----	----			----	0.009	- 0.001	.0034	----	----	----	----	1	UNCH	
1200	----	----			----	0.013	- 0.001	.0051	----	----	----	----	9	UNCH	
1400	----	----			----	0.027	- 0.001	.0113	----	----	----	----	102	UNCH	
1500	----	----			----	0.039	- 0.002	.0167	----	----	----	----	2	UNCH	
1525	----	----			----	0.044	- 0.001	.0188	----	----	----	----	6	UNCH	
1550	----	----			----	0.048	- 0.002	.0207	----	----	----	----	2	UNCH	
1600	----	----			----	0.060	- 0.003	.0259	----	----	----	----	42	UNCH	
1625	----	----			----	0.067	- 0.003	.0289	----	----	----	----	42	UNCH	
1650	----	----			----	0.075	- 0.004	.0323	----	----	----	----	42	UNCH	
1675	----	----	----/0.087A	----/0.087A	----	0.083	- 0.005	.0358	----	----	----	----	171	UNCH	
1700	----	----	----/0.097A	----/0.097A	----	0.093	- 0.006	.0399	----	----	----	----	148	UNCH	
1725	----	----	----/0.107A	----/0.107A	----	0.104	- 0.007	.0445	----	----	----	----	2	UNCH	
1750	----	----	----/0.119A	----/0.119A	----	0.117	- 0.007	.0498	----	----	----	----	52	UNCH	
1800	----	----	----/0.147A	----/0.147A	----	0.146	- 0.010	.0615	----	----	----	----	27	UNCH	
1825	----	----	----/0.164A	----/0.164A	----	0.164	- 0.010	.0685	----	----	----	----	10	UNCH	
1850	----	----	----/0.182A	----/0.182A	----	0.183	- 0.012	.0759	----	----	----	----	132	UNCH	
1875	----	----	----/0.204A	----/0.204A	----	0.205	- 0.014	.0842	----	----	----	----	14	UNCH	
1900	----	----	----/0.228A	----/0.228A											

	BULLETIN # 19@				METALS OPTION PRODUCTS					Mon, Jan 30, 2023			PG64
	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	
S01 PUT	SILVER OPTIONS												
FEB23													
2405	0.560	0.560	0.560/0.471A	0.560/0.471A	----	0.532 - 0.123	.6503	----	----	3	----	9 +	3
2415	----	----	----/0.530A	----/0.530A	----	0.600 - 0.125	.6950	----	----	----	----	3	UNCH
2420	----	----	----/0.562A	----/0.562A	----	0.636 - 0.126	.7158	----	----	----	----	7	UNCH
2425	----	----	----/0.595A	----/0.595A	----	0.672 - 0.127	.7357	----	----	----	----	1	UNCH
2430	----	----	----/0.629A	----/0.629A	----	0.710 - 0.127	.7553	----	----	----	----	4	UNCH
2440	----	----	----/0.708A	----/0.708A	----	0.788 - 0.128	.7896	----	----	----	----	2	UNCH
2445	----	----	----/0.785A	----/0.785A	----	0.829 - 0.127	.8059	----	----	----	----	7	UNCH
2450	----	----	----/0.775A	----/0.775A	----	0.870 - 0.127	.8210	----	----	----	----	4	UNCH
2475	1.077	1.077	1.1678/0.974A	1.1678/0.974A	----	1.084 - NEW	.8832	----	----	2	----	2 +	2
2495	----	----	----/1.192A	----/1.192A	----	1.264 - 0.124	.9189	----	----	----	----	8	UNCH
2500	1.222	1.222	1.3988/1.189A	1.3988/1.189A	----	1.310 - NEW	.9261	----	----	4	----	4 +	4
2525	1.521	1.521	1.6358/1.416A	1.6358/1.416A	----	1.543 - 0.123	.9548	----	----	4	----	8 +	4
2550	1.743	1.743	1.8598/1.649A	1.8598/1.649A	----	1.783 - 0.121	.9741	----	----	10	----	11 +	10
2575	----	----	----/1.889A	----/1.889A	----	2.026 - 0.119	.9847	----	----	----	----	1	UNCH
2600	----	----	----	----	----	2.273 - 0.117	.9900	----	----	----	----	1	UNCH
2650	----	----	----	----	----	2.770 - 0.113	.9950	----	----	----	----	1	UNCH
TOTAL										68	0	1190 +	47
S02 CALL	SILVER OPTIONS												
FEB23													
2175	----	----	2.1638/----	2.1638/----	----	2.016 + 0.096	.9483	----	----	----	----	1	UNCH
2225	----	----	1.6978/1.468A	1.6978/1.468A	----	1.552 + 0.079	.8980	----	----	----	----	2	UNCH
2250	----	----	1.4778/1.253A	1.4778/1.253A	----	1.333 + 0.068	.8589	----	----	----	----	1	UNCH
2295	----	----	1.0358/----	1.0358/----	----	0.971 + 0.045	.7581	----	----	----	----	2	UNCH
2305	----	----	0.9588/----	0.9588/----	----	0.898 + 0.040	.7305	----	----	----	----	2	UNCH
2330	----	----	0.8478/0.678A	0.8478/0.678A	----	0.729 + 0.027	.6550	----	----	----	----	2	UNCH
2335	----	----	0.8238/0.646A	0.8238/0.646A	----	0.697 + 0.024	.6388	----	----	----	----	7	UNCH
2350	----	----	0.7228/0.559A	0.7228/0.559A	----	0.608 + 0.017	.5892	----	----	----	----	3	UNCH
2370	----	----	0.6068/0.461A	0.6068/0.461A	----	0.502 + 0.010	.5210	----	----	----	----	10	UNCH
2375	----	----	0.5808/0.438A	0.5808/0.438A	----	0.477 + 0.007	.5039	----	----	----	----	16	UNCH
2385	----	----	0.5298/0.396A	0.5298/0.396A	----	0.431 + 0.004	.4699	----	----	----	----	20	UNCH
2390	----	----	0.5048/0.375A	0.5048/0.375A	----	0.409 + 0.003	.4530	----	----	----	----	10	UNCH
2400	----	----	0.4668/0.335A	0.4668/0.335A	----	0.368 - UNCH	.4197	----	----	----	----	3	UNCH
2420	----	----	0.3838/0.269A	0.3838/0.269A	----	0.296 - 0.004	.3562	----	----	----	----	7	UNCH
2425	----	----	0.3648/0.254A	0.3648/0.254A	----	0.279 - 0.006	.3408	----	----	----	----	300	UNCH
2430	----	----	0.3458/0.240A	0.3458/0.240A	----	0.264 - 0.006	.3261	----	----	----	----	2	UNCH
2435	----	----	0.3288/0.227A	0.3288/0.227A	----	0.249 - 0.007	.3115	----	----	----	----	1	UNCH
2440	----	----	0.3118/0.215A	0.3118/0.215A	----	0.235 - 0.008	.2974	----	----	----	----	3	UNCH
2450	----	----	0.2798/0.192A	0.2798/0.192A	----	0.210 - 0.008	.2709	----	----	2	----	3 +	2
2470	----	----	0.2248/0.152A	0.2248/0.152A	----	0.165 - 0.010	.2217	----	----	----	----	48	UNCH
2475	----	----	0.2118/0.144A	0.2118/0.144A	----	0.156 - 0.010	.2109	----	----	----	----	6	UNCH
2500	----	----	0.1588/0.106A	0.1588/0.106A	----	0.115 - 0.010	.1615	----	----	----	----	1	UNCH
2535	0.083	0.083	0.1048/0.071A	0.1048/0.071A	----	0.076 - NEW	.1103	----	----	10	----	10 +	10
2550	0.069	0.069	0.0878/0.060A	0.0878/0.060A	----	0.063 - 0.009	.0926	----	----	10	----	32	UNCH
2800	----	----	----	----	----	0.006 - 0.003	.0080	----	----	----	----	8	UNCH
2825	----	----	----	----	----	0.005 - 0.002	.0065	----	----	----	----	14	UNCH
TOTAL										22	0	514 +	12
S02 PUT	SILVER OPTIONS												
FEB23													
2025	----	----	----/*0.005A	----/*0.005A	----	0.004 - 0.004	.0056	----	----	----	----	15	UNCH
2075	----	----	----	----	----	0.008 - 0.005	.0116	----	----	----	----	3	UNCH
2100	----	----	----/0.016A	----/0.016A	----	0.012 - 0.006	.0175	----	----	----	----	3	UNCH
2125	----	----	----/0.020A	----/0.020A	----	0.017 - 0.008	.0251	----	----	----	----	2	UNCH
2175	----	----	----/0.036A	----/0.036A	----	0.035 - 0.015	.0515	----	----	----	----	2	UNCH
2200	----	----	----/0.050A	----/0.050A	----	0.049 - 0.023	.0720	----	----	----	----	2	UNCH
2225	----	----	----/0.070A	----/0.070A	----	0.071 - 0.031	.1019	----	----	----	----	14	UNCH
2250	----	----	----/0.099A	----/0.099A	----	0.101 - 0.043	.1410	----	----	----	----	7	UNCH
2275	----	----	----/0.137A	----/0.137A	----	0.144 - 0.055	.1923	----	----	----	----	3	UNCH
2285	----	----	----/0.156A	----/0.156A	----	0.165 - 0.061	.2160	----	----	----	----	3	UNCH
2290	----	----	----/0.166A	----/0.166A	----	0.177 - 0.063	.2288	----	----	----	----	1	UNCH
2300	----	----	----/0.189A	----/0.189A	----	0.202 - 0.069	.2553	----	----	----	----	253	UNCH
2305	----	----	----/0.201A	----/0.201A	----	0.216 - 0.071	.2694	----	----	----	----	2	UNCH
2310	----	----	----/0.214A	----/0.214A	----	0.230 - 0.074	.2836	----	----	2	----	5 +	2
2315	----	----	----/0.227A	----/0.227A	----	0.246 - 0.076	.2987	----	----	----	----	2	UNCH
2325	----	----	----/0.257A	----/0.257A	----	0.279 - 0.081	.3293	----	----	----	----	21	UNCH
2330	----	----	----/0.274A	----/0.274A	----	0.296 - 0.084	.3449	----	----	----	----	1	UNCH
2340	----	----	----/0.309A	----/0.309A	----	0.334 - 0.089	.3774	----	----	----	----	3	UNCH
2345	----	----	----/0.327A	----/0.327A	----	0.354 - 0.092	.3939	----	----	----	----	4	UNCH
2350	0.360	0.360	0.377/0.347A	0.377/0.347A	----	0.375 - 0.094	.4107	----	----	131	----	131 +	129
2360	----	----	----/0.387A	----/0.387A	----	0.420 - 0.098	.4446	----	----	----	----	3	UNCH
2370	----	----	----/0.433A	----/0.433A	----	0.469 - 0.101	.4789	----	----	----	----	28	UNCH
2385	0.508	0.508	0.508/0.498A	0.508/0.498A	----	0.548 - NEW	.5300	----	----	110	----	110 +	110
2395	----	----	----/0.557A	----/0.557A	----	0.605 - 0.109	.5636	----	----	----	----	10	UNCH
2400	0.627	0.627	0.649/0.584A	0.649/0.584A	----	0.635 - 0.111	.5801	----	----	3	----	48	UNCH
2405	----	----	----/0.612A	----/0.612A	----	0.665 - 0.112	.5964	----	----	----	----	1	UNCH
2425	----	----	----/0.732A	----/0.732A	----	0.796 - 0.116	.6591	----	----	----	----	2	UNCH
2455	----	----	----/0.934A	----/0.934A	----	1.014 - 0.119	.7418	----	----	----	----	12	UNCH
2525	----	----	----/1.488A	----/1.488A	----	1.600 - 0.121	.8772	----	----	----	----	2	UNCH
2550	1.822	1.822	1.9148/1.707A	1.9148/1.707A	----	1.828 - NEW	.9073	----	----	3	----	3 +	3
2625	----	----	----/2.406A	----/2.406A	----	2.542 - 0.116	.9586	----	----	----	----	2	UNCH
2650	----	----	----/2.647A	----/2.647A	----	2.786 - 0.115	.9689	----	----	----	----	2	UNCH
TOTAL										249	0	700 +	244
S03 CALL	SILVER OPTIONS												
FEB23													

BULLETIN # 19@			METALS OPTION PRODUCTS								Mon, Jan 30, 2023			PG64		
GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY RANGE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
S04 CALL		SILVER OPTIONS														
JAN23																
2425	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2430	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2440	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2455	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2515	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2525	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2550	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
TOTAL														0	0	0
FEB23																
2450	0.520	0.520	#0.520/*0.459A	#0.520/*0.459A	----	----	----	0.485	NEW .3912	----	----	1	----	1 +	1	
TOTAL														1	0	1 +
S04 PUT		SILVER OPTIONS														
JAN23																
2305	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2320	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2325	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2330	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2335	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2340	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2345	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2350	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2355	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2360	----	----	----	----	----	----	----	0.000	UNCH	----	----	----	----	0	UNCH	
2365	----	----	----	----	----	----	----	0.028	UNCH	----	----	----	----	0	UNCH	
2370	----	----	----	----	----	----	----	0.078	UNCH	----	----	----	----	0	UNCH	
2375	----	----	----	----	----	----	----	0.128	UNCH	----	----	----	----	0	UNCH	
2380	----	----	----	----	----	----	----	0.178	UNCH	----	----	----	----	0	UNCH	
2385	----	----	----	----	----	----	----	0.228	UNCH	----	----	----	----	0	UNCH	
2390	----	----	----	----	----	----	----	0.278	UNCH	----	----	----	----	0	UNCH	
2395	----	----	----	----	----	----	----	0.328	UNCH	----	----	----	----	0	UNCH	
2400	----	----	----	----	----	----	----	0.378	UNCH	----	----	----	----	0	UNCH	
2405	----	----	----	----	----	----	----	0.428	UNCH	----	----	----	----	0	UNCH	
2410	----	----	----	----	----	----	----	0.478	UNCH	----	----	----	----	0	UNCH	
2425	----	----	----	----	----	----	----	0.628	UNCH	----	----	----	----	0	UNCH	
2430	----	----	----	----	----	----	----	0.678	UNCH	----	----	----	----	0	UNCH	
2445	----	----	----	----	----	----	----	0.828	UNCH	----	----	----	----	0	UNCH	
2450	----	----	----	----	----	----	----	0.878	UNCH	----	----	----	----	0	UNCH	
2475	----	----	----	----	----	----	----	1.128	UNCH	----	----	----	----	0	UNCH	
2480	----	----	----	----	----	----	----	1.178	UNCH	----	----	----	----	0	UNCH	
2485	----	----	----	----	----	----	----	1.228	UNCH	----	----	----	----	0	UNCH	
2490	----	----	----	----	----	----	----	1.278	UNCH	----	----	----	----	0	UNCH	
2495	----	----	----	----	----	----	----	1.328	UNCH	----	----	----	----	0	UNCH	
2500	----	----	----	----	----	----	----	1.378	UNCH	----	----	----	----	0	UNCH	
2575	----	----	----	----	----	----	----	2.128	UNCH	----	----	----	----	0	UNCH	
2625	----	----	----	----	----	----	----	2.628	UNCH	----	----	----	----	0	UNCH	
TOTAL														0	0	0
SWW WED		SILVER WEEKLY WEDNESDAY OPTION WEEK														
FEB23																
2200	----	----	----	----	----	----	----	1.734 +	0.108 .9992	----	----	----	----	1	UNCH	
2200	----	----	----	----	----	----	----	0.001 -	0.004 .0007	----	----	----	----	10	UNCH	
2200	----	----	----	----	----	----	----	0.034 -	0.020 .0544	----	----	----	----	84	UNCH	
2225	----	----	1.679B/1.447A	1.679B/1.447A	----	----	----	1.533 +	0.084 .9192	----	----	----	----	2	UNCH	
2225	----	----	----	----	----	----	----	1.485 +	0.104 .9980	----	----	----	----	2	UNCH	
2225	----	----	----	----	----	----	----	0.051 -	0.028 .0807	----	----	----	----	1	UNCH	
2245	----	----	----/0.051A	----/0.051A	----	----	----	0.005 -	0.012 .0063	----	----	----	----	2	UNCH	
2245	----	----	----/0.010A	----/0.010A	----	----	----	1.308 +	0.074 .8823	----	----	----	----	2	UNCH	
2250	0.007	0.007	0.008/*0.007	0.008/*0.007	----	----	----	0.006 -	0.014 .0080	----	3	----	12 +	1		
2260	----	----	----/*0.011A	----/*0.011A	----	----	----	0.008 -	0.018 .0118	----	----	----	----	6	UNCH	
2270	----	----	----/*0.014A	----/*0.014A	----	----	----	0.011 -	0.023 .0180	----	----	----	----	6	UNCH	
2275	----	----	1.148B/0.906A	1.148B/0.906A	----	----	----	0.995 +	0.085 .9777	----	----	----	----	2	UNCH	
2275	----	----	----/0.196A	----/0.196A	----	----	----	0.207 -	0.057 .2293	----	----	----	----	1	UNCH	
2285	----	----	----/*0.019A	----/*0.019A	----	----	----	0.017 -	0.033 .0319	----	----	----	----	1	UNCH	
2290	----	----	----/*0.022A	----/*0.022A	----	----	----	0.020 -	0.036 .0391	----	----	----	----	1	UNCH	
2295	----	----	----/0.026A	----/0.026A	----	----	----	0.024 -	0.040 .0486	----	4	----	6 +	1		
2300	----	----	0.910B/0.675A	0.910B/0.675A	----	----	----	0.761 +	0.068 .9412	----	----	----	----	4	UNCH	
2300	0.025	0.025	0.025/*0.025	0.025/*0.025	----	----	----	0.028 -	0.044 .0587	----	1	----	201	UNCH		
2300	----	----	----/0.257A	----/0.257A	----	----	----	0.275 -	0.068 .2876	----	----	----	----	7	UNCH	
2310	----	----	----/0.037A	----/0.037A	----	----	----	0.038 -	NEW .0848	----	4	----	4 +	4		
2315	----	----	----/0.043A	----/0.043A	----	----	----	0.044 -	0.058 .1009	----	----	----	----	6	UNCH	
2315	----	----	----/0.189A	----/0.189A	----	----	----	0.205 -	0.071 .2794	----	----	----	----	2	UNCH	
2320	----	----	----/0.049A	----/0.049A	----	----	----	0.051 -	0.063 .1197	----	----	----	----	1	UNCH	
2325	----	----	----/0.217A	----/0.217A	----	----	----	0.236 -	0.077 .3126	----	----	----	100	UNCH		
2330	----	----	----/0.232A	----/0.232A	----	----	----	0.253 -	0.080 .3299	----	----	----	21	UNCH		
2330	0.417	0.417	0.421B/0.353A	0.421B/0.353A	----	----	----	0.378 -	NEW .3659	----	7	----	7 +	7		
2340	----	----	0.503B/0.358A	0.503B/0.358A	----	----	----	0.423 +	0.026 .7760	----	----	----	----	0	UNCH	
2340	----	----	----/0.390A	----/0.390A	----	----	----	0.418 -	0.086 .3935	----	----	----	----	1	UNCH	
2340	0.091	0.091	0.091/0.077A	0.091/0.077A	----	----	----	0.090 -	NEW .2239	----	3	----	3 +	3		
2340	----	----	0.747B/0.567A	0.747B/0.567A	----	----	----	0.622 +	0.026 .6344	----	----	----	----	4	UNCH	
2345	----	----	----/0.407A	----/0.407A	----	----	----	0.439 -	0.088 .4075	----	----	----	----	31	UNCH	
2345	----	----	0.464B/0.329A	0.464B/0.329A	----	----	----	0.386 +	0.020 .7423	----	----	----	----	3	UNCH	
2345	----	----	0.779B/0.673A	0.779B/0.673A	----	----	----	0.722 +	0.023 .5923	----	----	----	19	UNCH		
2350	0.142	0.142	0.143/0.099A	0.143/0.099A	----	----	----	0.117 -	0.097 .2938	----	2	----	54 +	1		
2350	----	----	----/0.302A	----/0.302A	----	----	----	0.329 -	0.091 .4025	----	----	----	----	42	UNCH	
2350	----	----	0.485B/0.292A	0.485B/0.292A	----	----	----	0.350 +	0.014 .7061	----	----	----	----	1	UNCH	
2350	----	----	----/0.427A	----/0.427A	----	----	----	0.461 -	0.090 .4217	----	----	----	----	20	UNCH	
2360	----	----	----/0.341A	----/0.341A	----	----	----	0.373 -	0.096 .4403	----	----	----	----	2	UNCH	
2360	0.398	0.398	0.408/0.237A	0.408/0.237A	----	----	----	0.285 -	NEW .6239	----	4	----	4 +	4		
2360	0.564	0.564	0.650B/0.561A	0.650B/0.561A	----	----	----	0.603 -	NEW .4538	----	3	----	3 +	3		
2360	0.197	0.197														

PG64

BULLETIN # 19@

METALS OPTION PRODUCTS

Mon, Jan 30, 2023

PG64

	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY RANGE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
HWM MON JAN23 COPPER WEEKLY MONDAY OPTION WEEK5															
375	----	----	----	----	----	----	----	----	0.4520 - 0.0210	----	10	----	----	----	0 - 10
380	----	----	----	----	----	----	----	----	0.0000 - 0.0005	----	----	----	----	----	0 - 21
380	----	----	----	----	----	----	----	----	0.4020 - 0.0210	----	11	----	----	----	0 - 11
385	----	----	----	----	----	----	----	----	0.0000 - 0.0005	----	----	----	----	----	0 - 6
385	----	----	----	----	----	----	----	----	0.3520 - 0.0210	----	7	----	----	----	0 - 7
390	----	----	----	----	----	----	----	----	0.3020 - 0.0210	----	5	----	----	----	0 - 5
395	----	----	----	----	----	----	----	----	0.0000 - 0.0005	----	----	----	----	----	0 - 10
400	----	----	----	----	----	----	----	----	0.2020 - 0.0210	----	11	----	----	----	0 - 11
410	----	----	----	----/*0.0005A	----/*0.0005A	----	----	----	0.0000 - 0.0015	----	----	----	----	----	0 - 11
410	----	----	----	----	----	----	----	----	0.1020 - 0.0220	----	10	----	----	----	0 - 10
415	0.0040	0.0040	0.0040	0.0090B/*0.0005	0.0090B/*0.0005	0.0090B/*0.0005	0.0090B/*0.0005	0.0090B/*0.0005	0.0000 - 0.0055	----	----	----	2	----	0 - 1
420	0.0290	0.0290	0.0290	0.0335B/*0.0010	0.0335B/*0.0010	0.0335B/*0.0010	0.0335B/*0.0010	0.0335B/*0.0010	0.0000 - 0.0165	----	----	----	7	----	0 - 11
420	----	----	----	0.0500B/*0.0010	0.0500B/*0.0010	0.0500B/*0.0010	0.0500B/*0.0010	0.0500B/*0.0010	0.0020 - 0.0370	----	20	----	----	----	0 - 20
425	0.0410	0.0410	0.0410	0.0735B/0.0265A	0.0735B/0.0265A	0.0735B/0.0265A	0.0735B/0.0265A	0.0735B/0.0265A	0.0480 + 0.0060	----	5	----	1	----	0 - 6
425	0.0035	0.0035	0.0035	0.0035/*0.0005A	0.0035/*0.0005A	0.0035/*0.0005A	0.0035/*0.0005A	0.0035/*0.0005A	0.0000 - 0.0145	----	----	----	1	----	0 - 1
430	----	----	----	0.1190B/0.0610A	0.1190B/0.0610A	0.1190B/0.0610A	0.1190B/0.0610A	0.1190B/0.0610A	0.0980 + 0.0165	----	1	----	----	----	0 - 1
430	----	----	----	0.0045B/*0.0010	0.0045B/*0.0010	0.0045B/*0.0010	0.0045B/*0.0010	0.0045B/*0.0010	0.0000 - 0.0040	----	----	----	----	----	0 - 1
450	----	----	----	----	----	----	----	----	0.0000 - 0.0005	----	----	----	----	----	0 - 4
TOTAL													11		0 - 147
FEB23															
360	----	----	----	----	----	----	----	----	0.0005 UNCH	.0017	----	----	----	----	11 UNCH
360	0.0040	0.0040	0.0040	#0.0040/*0.0040	#0.0040/*0.0040	#0.0040/*0.0040	#0.0040/*0.0040	#0.0040/*0.0040	0.0045 UNCH	.0288	----	----	2	----	2 + 2
365	----	----	----	----	----	----	----	----	0.0020 UNCH	.0156	----	----	----	----	10 UNCH
365	----	----	----	----	----	----	----	----	0.0005 UNCH	.0038	----	----	----	----	5 UNCH
370	----	----	----	----	----	----	----	----	0.0010 UNCH	.0079	----	----	----	----	1 UNCH
375	----	----	----	----	----	----	----	----	0.0010 - 0.0005	.0087	----	----	----	----	1 UNCH
375	----	----	----	----	----	----	----	----	0.4530 - 0.0205	.9912	----	----	----	----	3 UNCH
380	----	----	----	----	----	----	----	----	0.0020 UNCH	.0174	----	----	----	----	7 UNCH
390	----	----	----	----	----	----	----	----	0.0040 UNCH	.0388	----	----	----	----	2 UNCH
395	----	----	----	0.0180B/0.0120A	0.0180B/0.0120A	0.0180B/0.0120A	0.0180B/0.0120A	0.0180B/0.0120A	0.0140 + 0.0005	.1138	----	----	----	----	12 UNCH
395	0.2560	0.2560	0.2560	0.2560/0.2560	0.2560/0.2560	0.2560/0.2560	0.2560/0.2560	0.2560/0.2560	0.2580 - 0.0205	.9395	----	----	1	----	10 - 1
400	----	----	----	0.0120B/0.0080A	0.0120B/0.0080A	0.0120B/0.0080A	0.0120B/0.0080A	0.0120B/0.0080A	0.0095 UNCH	.0968	----	----	----	----	1 UNCH
400	----	----	----	----/0.1835A	----/0.1835A	----/0.1835A	----/0.1835A	----/0.1835A	0.2115 - 0.0205	.9030	----	----	----	----	2 UNCH
400	0.0465	0.0465	0.0465	0.0520B/0.0385A	0.0520B/0.0385A	0.0520B/0.0385A	0.0520B/0.0385A	0.0520B/0.0385A	0.0435 NEW	.2276	----	----	1	----	1 + 1
405	----	----	----	0.0205B/0.0125A	0.0205B/0.0125A	0.0205B/0.0125A	0.0205B/0.0125A	0.0205B/0.0125A	0.0155 UNCH	.1554	----	----	----	----	10 UNCH
405	----	----	----	0.0675B/0.0505A	0.0675B/0.0505A	0.0675B/0.0505A	0.0675B/0.0505A	0.0675B/0.0505A	0.0570 + 0.0010	.2814	----	----	----	----	21 UNCH
405	0.2270	0.2270	0.2270	0.2285B/*0.1985	0.2285B/*0.1985	0.2285B/*0.1985	0.2285B/*0.1985	0.2285B/*0.1985	0.2180 NEW	.7178	----	----	1	----	1 + 1
405	----	----	----	0.2190B/0.1605A	0.2190B/0.1605A	0.2190B/0.1605A	0.2190B/0.1605A	0.2190B/0.1605A	0.1825 - 0.0200	.7731	----	----	----	----	2 UNCH
410	0.0515	0.0515	0.0515	0.0560B/0.0375A	0.0560B/0.0375A	0.0560B/0.0375A	0.0560B/0.0375A	0.0560B/0.0375A	0.0450 + 0.0015	.3043	----	----	4	----	1 UNCH
410	----	----	----	0.0340B/0.0200A	0.0340B/0.0200A	0.0340B/0.0200A	0.0340B/0.0200A	0.0340B/0.0200A	0.0255 + 0.0010	.2425	----	----	----	----	1 UNCH
410	----	----	----	0.0860B/0.0650A	0.0860B/0.0650A	0.0860B/0.0650A	0.0860B/0.0650A	0.0860B/0.0650A	0.0740 + 0.0015	.3414	----	----	----	----	20 UNCH
415	----	----	----	0.0770B/0.0530A	0.0770B/0.0530A	0.0770B/0.0530A	0.0770B/0.0530A	0.0770B/0.0530A	0.0635 + 0.0025	.3927	----	----	----	----	2 UNCH
415	----	----	----	0.0535B/0.0315A	0.0535B/0.0315A	0.0535B/0.0315A	0.0535B/0.0315A	0.0535B/0.0315A	0.0405 + 0.0025	.3559	----	----	----	----	1 UNCH
415	----	----	----	0.1245B/0.0745A	0.1245B/0.0745A	0.1245B/0.0745A	0.1245B/0.0745A	0.1245B/0.0745A	0.0925 - 0.0180	.6438	----	----	----	----	20 UNCH
415	----	----	----	0.1080B/0.0825A	0.1080B/0.0825A	0.1080B/0.0825A	0.1080B/0.0825A	0.1080B/0.0825A	0.0940 + 0.0025	.4048	----	----	----	----	7 UNCH
420	----	----	----	0.1030B/0.0720A	0.1030B/0.0720A	0.1030B/0.0720A	0.1030B/0.0720A	0.1030B/0.0720A	0.0865 + 0.0040	.4860	----	----	----	----	1 UNCH
420	----	----	----	0.0920B/0.0500A	0.0920B/0.0500A	0.0920B/0.0500A	0.0920B/0.0500A	0.0920B/0.0500A	0.0645 - 0.0160	.5123	----	----	----	----	1 UNCH
420	0.1225	0.1225	0.1225	0.1150B/*0.0740	0.1150B/*0.0740	0.1150B/*0.0740	0.1150B/*0.0740	0.1150B/*0.0740	0.0885 - 0.0165	.5136	----	----	----	----	27 UNCH
425	----	----	----	0.1325B/0.0960A	0.1325B/0.0960A	0.1325B/0.0960A	0.1325B/0.0960A	0.1325B/0.0960A	0.1145 + 0.0060	.5785	----	----	4	----	11 UNCH
425	----	----	----	0.0655B/0.0325A	0.0655B/0.0325A	0.0655B/0.0325A	0.0655B/0.0325A	0.0655B/0.0325A	0.0430 - 0.0135	.3815	----	----	----	----	5 UNCH
425	----	----	----	0.1615B/0.1275A	0.1615B/0.1275A	0.1615B/0.1275A	0.1615B/0.1275A	0.1615B/0.1275A	0.1445 + 0.0050	.5353	----	----	----	----	6 UNCH
425	----	----	----	0.0895B/*0.0545	0.0895B/*0.0545	0.0895B/*0.0545	0.0895B/*0.0545	0.0895B/*0.0545	0.0665 - 0.0150	.4210	----	----	----	----	15 UNCH
430	----	----	----	0.1665B/0.1240A	0.1665B/0.1240A	0.1665B/0.1240A	0.1665B/0.1240A	0.1665B/0.1240A	0.1465 + 0.0075	.6647	----	----	----	----	7 UNCH
430	----	----	----	0.1475B/0.1010A	0.1475B/0.1010A	0.1475B/0.1010A	0.1475B/0.1010A	0.1475B/0.1010A	0.1260 + 0.0100	.7315	----	----	----	----	1 UNCH
430	----	----	----	0.1930B/0.1550A	0.1930B/0.1550A	0.1930B/0.1550A	0.1930B/0.1550A	0.1930B/0.1550A	0.1745 + 0.0065	.5984	----	----	----	----	20 UNCH
435	----	----	----	0.0290B/0.0130A	0.0290B/0.0130A	0.0290B/0.0130A	0.0290B/0.0130A	0.0290B/0.0130A	0.0175 - 0.0085	.1780	----	----	----	----	1 UNCH
440	----	----	----	0.0185B/0.0085A	0.0185B/0.0085A	0.0185B/0.0085A	0.0185B/0.0085A	0.0185B/0.0085A	0.0105 - 0.0065	.1117	----	----	----	----	16 UNCH
445	----	----	----	0.0115B/0.0055A	0.0115B/0.0055A	0.0115B/0.0055A	0.0115B/0.0055A	0.0115B/0.0055A	0.0065 - 0.0045	.0698	----	----	----	----	8 UNCH
445	----	----	----	0.0260B/*0.0130	0.0260B/*0.0130	0.0260B/*0.0130	0.0260B/*0.0130	0.0260B/*0.0130	0.0170 - 0.0070	.1403	----	----	----	----	3 UNCH
455	----	----	----	----/*0.0025A	----/*0.0025A	----/*0.0025A	----/*0.0025A	----/*0.0025A	0.0020 - 0.0025	.0219	----	----	----	----	10 UNCH</



BULLETIN # 19@		METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64
	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		
HX CALL COMEX COPPER OPTIONS														
MAR23														
382	----	----	----	----	----	0.3945 - 0.0200	.9149	----	----	----	----	53	UNCH	
383	----	----	----	----	----	0.3850 - 0.0205	.9093	----	----	----	----	15	UNCH	
384	----	----	----	----	----	0.3760 - 0.0205	.9036	----	----	----	----	5	UNCH	
385	----	----	----	----	----	0.3670 - 0.0205	.8978	----	----	----	----	607	UNCH	
386	----	----	----	----	----	0.3585 - 0.0200	.8921	----	----	----	----	78	UNCH	
387	----	----	----	----	----	0.3495 - 0.0200	.8844	----	----	----	----	13	UNCH	
388	----	----	----	----	----	0.3405 - 0.0200	.8785	----	----	----	----	46	UNCH	
390	----	----	----/. 2975A	----/. 2975A	----	0.3235 - 0.0200	.8648	----	----	----	----	2183	UNCH	
391	----	----	----/. 2890A	----/. 2890A	----	0.3150 - 0.0200	.8570	----	----	----	----	15	UNCH	
392	----	----	----/. 2805A	----/. 2805A	----	0.3065 - 0.0200	.8492	----	----	----	----	8	UNCH	
393	----	----	----/. 2725A	----/. 2725A	----	0.2980 - 0.0200	.8398	----	----	----	----	8	UNCH	
394	----	----	----/. 2645A	----/. 2645A	----	0.2900 - 0.0200	.8319	----	----	----	----	12	UNCH	
395	----	----	0.3105B/0. 2565A	0.3105B/0. 2565A	----	0.2815 - 0.0205	.8239	----	----	----	----	341	UNCH	
396	----	----	0.3075B/0. 2490A	0.3075B/0. 2490A	----	0.2735 - 0.0200	.8143	----	----	----	----	15	UNCH	
397	----	----	0.3040B/0. 2410A	0.3040B/0. 2410A	----	0.2655 - 0.0200	.8048	----	----	----	----	77	UNCH	
398	----	----	0.2960B/0. 2340A	0.2960B/0. 2340A	----	0.2575 - 0.0200	.7952	----	----	----	----	12	UNCH	
399	----	----	0.2875B/0. 2265A	0.2875B/0. 2265A	----	0.2500 - 0.0200	.7843	----	----	----	----	42	UNCH	
400	0.2250	0.2250	0.2795B/0. 2190A	0.2795B/0. 2190A	----	0.2420 - 0.0200	.7746	----	----	1	----	2914	UNCH	
401	----	----	0.2720B/0. 2115A	0.2720B/0. 2115A	----	0.2345 - 0.0200	.7636	----	----	----	----	7	UNCH	
402	----	----	0.2640B/0. 2045A	0.2640B/0. 2045A	----	0.2270 - 0.0200	.7526	----	----	----	----	8	UNCH	
403	----	----	0.2565B/0. 1975A	0.2565B/0. 1975A	----	0.2195 - 0.0200	.7416	----	----	----	----	65	UNCH	
404	----	----	0.2485B/0. 1910A	0.2485B/0. 1910A	----	0.2125 - 0.0195	.7295	----	----	----	----	45	UNCH	
405	----	----	0.2415B/0. 1840A	0.2415B/0. 1840A	----	0.2055 - 0.0195	.7174	----	----	----	----	277	UNCH	
406	----	----	0.2340B/0. 1775A	0.2340B/0. 1775A	----	0.1985 - 0.0195	.7053	----	----	----	----	21	UNCH	
407	----	----	0.2265B/0. 1710A	0.2265B/0. 1710A	----	0.1915 - 0.0195	.6931	----	----	----	----	77	UNCH	
408	----	----	0.2195B/0. 1650A	0.2195B/0. 1650A	----	0.1850 - 0.0195	.6802	----	----	----	----	920	UNCH	
409	0.2010	0.2010	0.2125B/0. 1585A	0.2125B/0. 1585A	----	0.1785 - 0.0190	.6679	----	----	2	----	108	UNCH	
410	0.1965	0.1965	0.2060B/0. 1525A	0.2060B/0. 1525A	----	0.1720 - 0.0190	.6542	----	----	16	----	1404	- 12	
412	----	----	0.1925B/*0. 1410	0.1925B/*0. 1410	----	0.1595 - 0.0190	.6276	----	----	----	----	2	UNCH	
413	----	----	0.1860B/*0. 1360	0.1860B/*0. 1360	----	0.1540 - 0.0185	.6140	----	----	----	----	220	UNCH	
414	----	----	0.1795B/0. 1305A	0.1795B/0. 1305A	----	0.1480 - 0.0185	.6003	----	----	----	----	19	UNCH	
415	0.1645	0.1645	0.1735B/0. 1255A	0.1735B/0. 1255A	----	0.1425 - 0.0185	.5864	----	----	6	----	341	UNCH	
416	----	----	0.1675B/*0. 1200	0.1675B/*0. 1200	----	0.1370 - 0.0180	.5724	----	----	----	----	55	UNCH	
417	----	----	0.1620B/*0. 1155	0.1620B/*0. 1155	----	0.1315 - 0.0180	.5584	----	----	----	----	25	UNCH	
418	----	----	0.1560B/*0. 1105	0.1560B/*0. 1105	----	0.1265 - 0.0175	.5443	----	----	----	----	20	UNCH	
419	0.1425	0.1425	0.1510B/*0. 1060	0.1510B/*0. 1060	----	0.1215 - 0.0175	.5303	----	----	3	----	16	+	
420	0.1135	0.1135	0.1450B/0. 1015A	0.1450B/0. 1015A	----	0.1165 - 0.0175	.5162	----	----	12	----	1420	+	
421	----	----	0.1400B/*0. 0970	0.1400B/*0. 0970	----	0.1120 - 0.0170	.5022	----	----	----	----	36	UNCH	
422	----	----	0.1350B/*0. 0930	0.1350B/*0. 0930	----	0.1075 - 0.0165	.4883	----	----	----	----	39	UNCH	
423	0.1210	0.1210	0.1300B/*0. 0890	0.1300B/*0. 0890	----	0.1030 - 0.0165	.4744	----	----	1	----	47	UNCH	
424	0.1010	0.1010	0.1250B/*0. 0855	0.1250B/*0. 0855	----	0.0985 - 0.0160	.4606	----	----	1	----	34	UNCH	
425	----	----	0.1205B/0. 0815A	0.1205B/0. 0815A	----	0.0945 - 0.0160	.4470	----	----	----	----	2444	UNCH	
426	----	----	0.1160B/*0. 0780	0.1160B/*0. 0780	----	0.0905 - 0.0155	.4335	----	----	----	----	15	UNCH	
427	----	----	0.1110B/*0. 0745	0.1110B/*0. 0745	----	0.0865 - 0.0155	.4200	----	----	----	----	21	UNCH	
428	0.0990	0.0990	0.1065B/*0. 0710	0.1065B/*0. 0710	----	0.0825 - 0.0150	.4065	----	15	----	----	13	- 2	
429	0.0980	0.0980	0.1025B/*0. 0680	0.1025B/*0. 0680	----	0.0790 - 0.0150	.3935	----	4	----	----	4	UNCH	
430	0.0920	0.0920	0.0985B/0. 0645A	0.0985B/0. 0645A	----	0.0755 - 0.0145	.3806	----	18	----	----	588	UNCH	
431	----	----	0.0940B/*0. 0620	0.0940B/*0. 0620	----	0.0720 - 0.0140	.3677	----	----	----	----	1	UNCH	
432	----	----	0.0900B/*0. 0590	0.0900B/*0. 0590	----	0.0685 - 0.0140	.3548	----	----	----	----	8	UNCH	
433	----	----	0.0865B/*0. 0565	0.0865B/*0. 0565	----	0.0655 - 0.0135	.3427	----	----	----	----	27	UNCH	
434	0.0645	0.0645	0.0830B/*0. 0535	0.0830B/*0. 0535	----	0.0625 - 0.0130	.3307	----	6	----	----	18	- 3	
435	0.0755	0.0755	0.0795B/0. 0510A	0.0795B/0. 0510A	----	0.0595 - 0.0130	.3186	----	11	----	----	1146	- 11	
436	----	----	0.0760B/*0. 0490	0.0760B/*0. 0490	----	0.0570 - 0.0125	.3076	----	----	----	----	10	UNCH	
438	----	----	0.0695B/*0. 0440	0.0695B/*0. 0440	----	0.0515 - 0.0120	.2846	----	----	----	----	11	UNCH	
439	----	----	0.0665B/*0. 0420	0.0665B/*0. 0420	----	0.0490 - 0.0115	.2737	----	----	----	----	10	UNCH	
440	0.0525	0.0525	0.0635B/0. 0400A	0.0635B/0. 0400A	----	0.0465 - 0.0115	.2628	----	9	----	----	2659	- 4	
441	0.0525	0.0525	0.0605B/*0. 0375	0.0605B/*0. 0375	----	0.0445 - 0.0110	.2532	----	12	----	----	61	+	
442	0.0445	0.0445	0.0580B/*0. 0360	0.0580B/*0. 0360	----	0.0420 - 0.0110	.2423	----	2	----	----	55	+	
443	0.0425	0.0425	0.0555B/*0. 0345	0.0555B/*0. 0345	----	0.0400 - 0.0110	.2327	----	2	----	----	52	+	
444	0.0400	0.0400	0.0530B/*0. 0325	0.0530B/*0. 0325	----	0.0380 - 0.0105	.2232	----	2	----	----	35	+	
445	0.0380	0.0380	0.0505B/0. 0310A	0.0505B/0. 0310A	----	0.0360 - 0.0105	.2137	----	5	----	----	1066	UNCH	
446	0.0360	0.0360	0.0480B/*0. 0295	0.0480B/*0. 0295	----	0.0340 - 0.0105	.2042	----	4	----	----	72	+	
447	0.0345	0.0345	#0. 0460B/*0. 028	#0. 0460B/*0. 028	----	0.0320 - 0.0100	.1947	----	2	----	----	63	+	
450	0.0390	0.0390	0.0395B/0. 0240A	0.0395B/0. 0240A	----	0.0270 - 0.0090	.1694	----	411	----	----	8511	+	
455	0.0225	0.0225	0.0300B/0. 0185A	0.0300B/0. 0185A	----	0.0200 - 0.0080	.1320	----	3	----	----	109	+	
460	0.0220	0.0220	0.0235B/0. 0140	0.0235B/0. 0140	----	0.0150 - 0.0065	.1027	----	114	----	----	773	- 21	
465	0.0135	0.0135	0.0170B/0. 0105A	0.0170B/0. 0105A	----	0.0115 - 0.0050	.0807	----	6	----	----	511	UNCH	
470	----	----	----/0. 0075A	----/0. 0075A	----	0.0085 - 0.0040	.0615	----	330	----	----	1268	- 255	
475	0.0060	0.0060	0.0095B/0. 0060	0.0095B/0. 0060	----	0.0065 - 0.0025	.0478	----	33	----	----	5812	- 5	
480	0.0055	0.0055	0.0055/0. 0045A	0.0055/0. 0045A	----	0.0050 - 0.0020	.0373	----	6	----	----	885	+	
485	0.0030	0.0030	0.0040/*0. 0030	0.0040/*0. 0030	----	0.0035 - 0.0015	.0270	----	33	----	----	121	+	
490	0.0030	0.0030	0.0030/0. 0025A	0.0030/0. 0025A	----	0.0025 - 0.0010	.0197	----	20	----	----	85	+	
495	0.0015	0.0015	0.0015/0. 0015	0.0015/0. 0015	----	0.0020 - 0.0005	.0157	----	13	----	----	37	+	
500	0.0010	0.0010	0.0010/*0. 0010	0.0010/*0. 0010	----	0.0015 - 0.0005	.0119	----	15	----	----	134	+	
505	0.0010	0.0010	0.0010/*0. 0010	0.0010/*0. 0010	----	0.0010 - 0.0005	.0082	----	1	----	----	12	UNCH	
510	----	----	----	----	----	0.0010 UNCH	.0078	----	----	----	----</			

BULLETIN # 19@				METALS OPTION PRODUCTS										Mon, Jan 30, 2023				PG64
	GLOBAL OPEN	OPEN OPEN	OUTCRY RANGE	GLOBAL HIGH/LOW	OPEN HIGH/LOW	OUTCRY RANGE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL VOLUME	PNT VOLUME	OPEN INTEREST			
HX CALL	COMEX COPPER OPTIONS																	
APR23																		
500	----	----	----	0.0210B/0.0160A	0.0210B/0.0160A	----	0.0170	- 0.0030	.0757	----	----	----	3	----	5560 -			
505	----	----	----	0.0180B/0.0135A	0.0180B/0.0135A	----	0.0145	- 0.0030	.0655	----	----	----	----	----	2 UNCH			
510	----	----	----	0.0155B/0.0120A	0.0155B/0.0120A	----	0.0125	- 0.0025	.0570	----	----	----	----	----	3 UNCH			
515	----	----	----	0.0135B/0.0105A	0.0135B/0.0105A	----	0.0110	- 0.0020	.0503	----	----	1	----	----	29 +			
520	----	----	----	----/0.0090A	----/0.0090A	----	0.0095	- 0.0015	.0438	----	----	----	----	----	20 UNCH			
525	0.0090	0.0090	0.0090	0.0090/0.0080A	0.0090/0.0080A	----	0.0080	- 0.0020	.0374	----	----	1	----	----	24 +			
530	----	----	----	----/0.0070A	----/0.0070A	----	0.0070	- 0.0015	.0329	----	----	----	----	----	1501 UNCH			
535	0.0060	0.0060	0.0060	0.0060/0.0060	0.0060/0.0060	----	0.0060	- 0.0015	.0284	----	----	1	----	----	4 +			
540	----	----	----	----/0.0055A	----/0.0055A	----	0.0055	- 0.0010	.0259	----	----	2	----	----	21 +			
545	----	----	----	----/*0.0050A	----/*0.0050A	----	0.0045	- 0.0010	.0216	----	----	----	----	----	12 UNCH			
550	----	----	----	----/0.0045A	----/0.0045A	----	0.0040	- 0.0010	.0191	----	----	----	----	----	3 UNCH			
555	----	----	----	----/*0.0040A	----/*0.0040A	----	0.0035	- 0.0010	.0168	----	----	----	----	----	200 UNCH			
560	----	----	----	----/*0.0035A	----/*0.0035A	----	0.0030	- 0.0010	.0145	----	----	----	----	----	3 UNCH			
565	----	----	----	----	----	----	0.0030	- 0.0005	.0142	----	----	----	----	----	44 UNCH			
575	----	----	----	----	----	----	0.0020	- 0.0010	.0097	----	----	----	----	----	15 UNCH			
600	----	----	----	----	----	----	0.0015		UNCH .0069	----	----	----	----	----	2 UNCH			
700	----	----	----	----	----	----	0.0005		UNCH .0004	----	----	----	----	----	1 UNCH			
800	----	----	----	----	----	----	0.0005		UNCH .0000	----	----	----	----	----	8 UNCH			
TOTAL													22		21370 +			
MAY23																		
350	----	----	----	----/0.7070A	----/0.7070A	----	0.7340	- 0.0200	.9116	----	----	----	----	----	110 UNCH			
355	----	----	----	----	----	----	0.6895	- 0.0195	.8973	----	----	----	----	----	4 UNCH			
365	----	----	----	----	----	----	0.6035	- 0.0195	.8605	----	----	----	----	----	4 UNCH			
370	----	----	----	----/0.5370A	----/0.5370A	----	0.5625	- 0.0195	.8394	----	----	----	----	----	25 UNCH			
375	----	----	----	0.5600B/0.4980A	0.5600B/0.4980A	----	0.5225	- 0.0195	.8165	----	----	----	----	----	28 UNCH			
380	----	----	----	0.5205B/0.4600A	0.5205B/0.4600A	----	0.4840	- 0.0195	.7913	----	----	----	----	----	185 UNCH			
385	----	----	----	0.4825B/0.4240A	0.4825B/0.4240A	----	0.4470	- 0.0190	.7641	----	----	----	----	----	22 UNCH			
390	----	----	----	0.4460B/0.3895A	0.4460B/0.3895A	----	0.4115	- 0.0190	.7347	----	----	----	----	----	55 UNCH			
395	----	----	----	0.4110B/0.3575A	0.4110B/0.3575A	----	0.3780	- 0.0185	.7039	----	----	----	----	----	21 UNCH			
400	----	----	----	0.3780B/0.3270A	0.3780B/0.3270A	----	0.3460	- 0.0180	.6716	----	----	----	----	----	57 UNCH			
405	----	----	----	0.3460B/0.2980A	0.3460B/0.2980A	----	0.3160	- 0.0175	.6383	----	----	----	----	----	10 UNCH			
410	----	----	----	0.3170B/0.2710A	0.3170B/0.2710A	----	0.2880	- 0.0165	.6042	----	----	----	----	----	6 UNCH			
415	----	----	----	0.2895B/0.2445A	0.2895B/0.2445A	----	0.2615	- 0.0160	.5697	----	----	----	----	----	52 UNCH			
419	----	----	----	#0.2690B/*0.226	#0.2690B/*0.226	----	0.2420	- 0.0155	.5419	----	----	----	----	----	12 UNCH			
420	----	----	----	0.2640B/0.2215A	0.2640B/0.2215A	----	0.2370	- 0.0155	.5350	----	----	----	----	----	236 UNCH			
421	0.2185	0.2185	0.2185	#0.2590B/*0.217	#0.2590B/*0.217	----	0.2325		NEW .5281	----	----	10	----	----	10 +			
425	----	----	----	0.2395B/0.1995A	0.2395B/0.1995A	----	0.2145	- 0.0145	.5006	----	----	----	----	----	301 UNCH			
430	----	----	----	0.2170B/0.1795A	0.2170B/0.1795A	----	0.1935	- 0.0140	.4666	----	----	----	----	----	199 UNCH			
435	----	----	----	0.1960B/0.1610A	0.1960B/0.1610A	----	0.1740	- 0.0130	.4334	----	----	----	----	----	31 UNCH			
440	----	----	----	0.1765B/0.1445A	0.1765B/0.1445A	----	0.1560	- 0.0125	.4011	----	----	----	----	----	78 UNCH			
445	----	----	----	0.1585B/0.1295A	0.1585B/0.1295A	----	0.1400	- 0.0115	.3703	----	----	----	----	----	43 UNCH			
450	0.1250	0.1250	0.1250	0.1420B/0.1155A	0.1420B/0.1155A	----	0.1250	- 0.0110	.3404	----	----	502	----	----	616 -			
455	----	----	----	0.1270B/0.1030A	0.1270B/0.1030A	----	0.1115	- 0.0100	.3121	----	----	----	----	----	10 UNCH			
460	----	----	----	0.1135B/0.0915A	0.1135B/0.0915A	----	0.0990	- 0.0095	.2850	----	----	----	----	----	27 UNCH			
470	----	----	----	0.0900B/0.0725A	0.0900B/0.0725A	----	0.0785	- 0.0075	.2367	----	----	----	----	----	53 UNCH			
475	0.0715	0.0715	0.0715	0.0800B/0.0645A	0.0800B/0.0645A	----	0.0695	- 0.0065	.2146	----	----	10	----	----	236 UNCH			
480	----	----	----	0.0710B/0.0570A	0.0710B/0.0570A	----	0.0615	- 0.0060	.1942	----	----	----	----	----	16 UNCH			
485	----	----	----	0.0625B/0.0505A	0.0625B/0.0505A	----	0.0550	- 0.0050	.1764	----	----	----	----	----	7 UNCH			
490	0.0490	0.0490	0.0490	0.0555B/0.0445A	0.0555B/0.0445A	----	0.0485	- 0.0050	.1589	----	----	501	----	----	248 -			
495	----	----	----	0.0490B/0.0395A	0.0490B/0.0395A	----	0.0430	- 0.0045	.1433	----	----	----	----	----	3 UNCH			
500	0.0400	0.0400	0.0400	0.0435B/0.0350A	0.0435B/0.0350A	----	0.0385	- 0.0035	.1299	----	----	4	----	----	257 UNCH			
505	----	----	----	0.0385B/0.0310A	0.0385B/0.0310A	----	0.0340	- 0.0035	.1167	----	----	----	----	----	10 UNCH			
510	----	----	----	0.0340B/0.0280A	0.0340B/0.0280A	----	0.0300	- 0.0030	.1047	----	----	----	----	----	110 UNCH			
520	----	----	----	0.0275B/0.0225A	0.0275B/0.0225A	----	0.0240	- 0.0020	.0855	----	----	----	----	----	5 UNCH			
525	----	----	----	0.0240B/0.0200A	0.0240B/0.0200A	----	0.0215	- 0.0015	.0773	----	----	----	----	----	115 UNCH			
530	----	----	----	0.0215B/0.0175A	0.0215B/0.0175A	----	0.0190	- 0.0015	.0692	----	----	----	----	----	20 UNCH			
535	----	----	----	0.0190B/0.0160A	0.0190B/0.0160A	----	0.0170	- 0.0015	.0625	----	----	----	----	----	10 UNCH			
540	----	----	----	0.0170B/0.0145A	0.0170B/0.0145A	----	0.0150	- 0.0015	.0558	----	----	----	----	----	2 UNCH			
550	----	----	----	0.0135B/0.0115A	0.0135B/0.0115A	----	0.0120	- 0.0010	.0454	----	----	----	----	----	53 UNCH			
560	----	----	----	0.0110B/0.0095A	0.0110B/0.0095A	----	0.0100	- 0.0005	.0380	----	----	----	----	----	11 UNCH			
565	----	----	----	----/0.0085A	----/0.0085A	----	0.0090	- 0.0005	.0344	----	----	----	----	----	10 UNCH			
600	----	----	----	----/0.0050A	----/0.0050A	----	0.0050	- 0.0005	.0192	----	----	----	----	----	7 UNCH			
650	----	----	----	----	----	----	0.0025	- 0.0005	.0094	----	----	----	----	----	10 UNCH			
800	----	----	----	----	----	----	0.0010		UNCH .0032	----	----	----	----	----	12 UNCH			
825	----	----	----	----	----	----	0.0010		UNCH .0031	----	----	----	----	----	1 UNCH			
TOTAL													1027		3338 -			
JUN23																		
260	----	----	----	----	----	----	1.6155	- 0.0195	.9889	----	----	----	----	----	1 UNCH			
355	----	----	----	----	----	----	0.7145	- 0.0185	.8624	----	----	----	----	----	8 UNCH			
370	----	----	----	0.6295B/0.5705A	0.6295B/0.5705A	----	0.5940	- 0.0185	.8056	----	----	----	----	----	9 UNCH			
380	----	----	----	0.5540B/0.4980A	0.5540B/0.4980A	----	0.5200	- 0.0180										

PG64	BULLETIN # 19@										METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64
	GLOBAL OPEN	OPEN OPEN	OUTCRY RANGE	GLOBAL HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE		SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL® VOLUME	PNT VOLUME				OPEN INTEREST					
HX CALL	COMEX COPPER OPTIONS																						
JUL23																							
600	0.0210	0.0210		0.0215/0.0210	0.0215/0.0210	----			0.0210 - 0.0005	.0578	----	----	3	----				39 +	3				
625	----	----	----	----	----	----			0.0155 - 0.0005	.0432	----	----	----	----				8	UNCH				
650	----	----	----	----	----	----			0.0115 - 0.0005	.0325	----	----	----	----				6	UNCH				
700	----	----	----	----	----	----			0.0070 - 0.0005	.0199	----	----	----	----				10	UNCH				
725	----	----	----	----	----	----			0.0055 - 0.0005	.0157	----	----	----	----				30	UNCH				
800	----	----	----	----	----	----			0.0035 UNCH	.0096	----	----	----	----				20	UNCH				
825	----	----	----	----	----	----			0.0030 UNCH	.0082	----	----	----	----				20	UNCH				
TOTAL													61					1481 -	47				
AUG23																							
260	----	----	----	----	----	----			1.6160 - 0.0200	.9794	----	----	----	----				7	UNCH				
270	----	----	----	----	----	----			1.5170 - 0.0195	.9737	----	----	----	----				1	UNCH				
350	----	----	----	/0.7705A	/0.7705A	----			0.7930 - 0.0180	.8354	----	----	----	----				10	UNCH				
400	----	----	----	/0.4375A	/0.4375A	----			0.4530 - 0.0155	.6398	----	----	----	----				4	UNCH				
405	----	----	----	/0.4110A	/0.4110A	----			0.4255 - 0.0155	.6170	----	----	----	----				9	UNCH				
415	----	----	----	/0.3595A	/0.3595A	----			0.3745 - 0.0145	.5709	----	----	----	----				10	UNCH				
425	----	----	----	0.3505B/0.3155A	0.3505B/0.3155A	----			0.3285 - 0.0135	.5246	----	----	----	----				4	UNCH				
430	----	----	----	0.3285B/0.2950A	0.3285B/0.2950A	----			0.3075 - 0.0130	.5018	----	----	----	----				3	UNCH				
450	----	----	----	0.2505B/0.2245A	0.2505B/0.2245A	----			0.2340 - 0.0110	.4147	----	----	----	----				75	UNCH				
470	----	----	----	0.1895B/0.1700A	0.1895B/0.1700A	----			0.1770 - 0.0085	.3368	----	----	----	----				1	UNCH				
500	----	----	----	0.1230B/0.1120A	0.1230B/0.1120A	----			0.1160 - 0.0055	.2410	----	----	----	----				6	UNCH				
515	----	----	----	0.0990B/0.0910A	0.0990B/0.0910A	----			0.0940 - 0.0040	.2025	----	----	----	----				1	UNCH				
825	----	----	----	----	----	----			0.0055 + 0.0005	.0136	----	----	----	----				9	UNCH				
TOTAL																		140					
SEP23																							
425	----	----	----	0.3730B/0.3485A	0.3730B/0.3485A	----			0.3595 - 0.0130	.5296	----	----	----	----				33	UNCH				
430	----	----	----	0.3510B/0.3280A	0.3510B/0.3280A	----			0.3380 - 0.0125	.5086	----	----	----	----				1	UNCH				
465	----	----	----	/0.2135A	/0.2135A	----			0.2185 - 0.0095	.3730	----	----	----	----				20	UNCH				
475	----	----	----	/0.1885A	/0.1885A	----			0.1925 - 0.0085	.3389	----	----	----	----				10	UNCH				
500	----	----	----	/0.1380A	/0.1380A	----			0.1405 - 0.0060	.2644	----	----	----	----				17	UNCH				
505	----	----	----	/0.1295A	/0.1295A	----			0.1320 - 0.0055	.2513	----	----	----	----				1	UNCH				
515	----	----	----	/0.1145A	/0.1145A	----			0.1160 - 0.0050	.2263	----	----	----	----				54	UNCH				
520	0.1140	0.1140		0.1140/*0.1075A	0.1140/*0.1075A	----			0.1090 - 0.0045	.2149	----	----	1	----				1	UNCH				
530	----	----	----	/0.0950A	/0.0950A	----			0.0960 - 0.0040	.1934	----	----	----	----				300	UNCH				
545	----	----	----	/0.0790A	/0.0790A	----			0.0795 - 0.0035	.1649	----	----	----	----				10	UNCH				
550	----	----	----	/0.0745A	/0.0745A	----			0.0750 - 0.0030	.1567	----	----	----	----				20	UNCH				
575	----	----	----	/0.0560A	/0.0560A	----			0.0555 - 0.0020	.1206	----	----	----	----				34	UNCH				
825	----	----	----	----	----	----			0.0060 UNCH	.0146	----	----	----	----				200	UNCH				
TOTAL													1					701					
OCT23																							
450	----	----	----	/0.2825A	/0.2825A	----			0.2880 - 0.0105	.4380	----	----	----	----				1	UNCH				
470	----	----	----	/0.2250A	/0.2250A	----			0.2280 - 0.0090	.3692	----	----	----	----				300	UNCH				
500	----	----	----	/0.1600A	/0.1600A	----			0.1610 - 0.0060	.2816	----	----	----	----				1	UNCH				
TOTAL																		302					
NOV23																							
415	----	----	----	/0.4450A	/0.4450A	----			0.4530 - 0.0140	.5741	----	----	----	----				40	UNCH				
530	----	----	----	/0.1330A	/0.1330A	----			0.1320 - 0.0040	.2294	----	----	----	----				25	UNCH				
700	----	----	----	----	----	----			0.0255 - 0.0010	.0537	----	----	----	----				1	UNCH				
TOTAL																		66					
DEC23																							
350	----	----	----	/0.8500A	/0.8500A	----			0.8635 - 0.0170	.7874	----	----	----	----				5	UNCH				
420	----	----	----	/0.4490A	/0.4490A	----			0.4540 - 0.0130	.5579	----	----	----	----				4	UNCH				
425	----	----	----	/0.4275A	/0.4275A	----			0.4320 - 0.0125	.5402	----	----	----	----				170	UNCH				
435	----	----	----	/0.3875A	/0.3875A	----			0.3905 - 0.0120	.5056	----	----	----	----				210	UNCH				
450	----	----	----	/0.3345A	/0.3345A	----			0.3355 - 0.0110	.4555	----	----	----	----				300	UNCH				
465	----	----	----	/0.2880A	/0.2880A	----			0.2880 - 0.0095	.4082	----	----	----	----				1	UNCH				
470	----	----	----	/0.2745A	/0.2745A	----			0.2735 - 0.0095	.3931	----	----	----	----				4	UNCH				
475	----	----	----	/0.2610A	/0.2610A	----			0.2600 - 0.0090	.3786	----	----	----	----				170	UNCH				
500	----	----	----	/0.2045A	/0.2045A	----			0.2020 - 0.0065	.3119	----	----	----	----				210	UNCH				
530	----	----	----	/0.1535A	/0.1535A	----			0.1500 - 0.0050	.2455	----	----	----	----				6	UNCH				
550	----	----	----	----	----	----			0.1235 - 0.0040	.2090	----	----	----	----				6	UNCH				
575	----	----	----	----	----	----			0.0975 - 0.0030	.1710	----	----	----	----				150	UNCH				
700	----	----	----	----	----	----			0.0340 - 0.0010	.0666	----	----	----	----				2	UNCH				
800	----	----	----	----	----	----			0.0170 - 0.0005	.0347	----	----	----	----				1	UNCH				
TOTAL																		1239					
JAN24																							
350	----	----	----	----	----	----			0.8695 - 0.0160	.7813	----	----	----	----				35	UNCH				
500	----	----	----	----	----	----			0.2150 - 0.0080	.3197	----	----	----	----				65	UNCH				
TOTAL																		100					
DEC24																							
600	----	----	----	----	----	----			0.2245 NEW	.2574	----	----	----	1000				1000 +	1000				
700	----	----	----	----	----	----			0.1295 NEW	.1626	----	----	----	1150				1150 +	1150				
TOTAL																							

BULLETIN # 19@		METALS OPTION PRODUCTS										Mon, Jan 30, 2023		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		
COMEX COPPER OPTIONS														
373	----	----	0.0085B/----	0.0085B/----	----	0.0075	UNCH	.0506	----	----	----	11	UNCH	
374	----	----	0.0090B/0.0075A	0.0090B/0.0075A	----	0.0080	UNCH	.0537	----	----	----	24	UNCH	
375	----	----	0.0100B/0.0080A	0.0100B/0.0080A	----	0.0085	UNCH	.0569	----	----	----	496	UNCH	
376	----	----	0.0105B/0.0085A	0.0105B/0.0085A	----	0.0090	UNCH	.0602	----	----	----	12	UNCH	
377	----	----	0.0115B/0.0090A	0.0115B/0.0090A	----	0.0095	UNCH	.0635	----	----	----	403	UNCH	
378	----	----	0.0120B/0.0095A	0.0120B/0.0095A	----	0.0100	UNCH	.0668	----	----	----	60	UNCH	
379	----	----	0.0130B/0.0100A	0.0130B/0.0100A	----	0.0110	UNCH	.0724	----	----	----	160	UNCH	
380	0.0125	0.0125	0.0140B/0.0105A	0.0140B/0.0105A	----	0.0115	UNCH	.0758	----	5	----	1079	UNCH	
381	----	----	0.0150B/0.0115A	0.0150B/0.0115A	----	0.0125	UNCH	.0814	----	----	----	122	UNCH	
382	----	----	0.0160B/0.0120A	0.0160B/0.0120A	----	0.0130	UNCH	.0849	----	----	----	9	UNCH	
383	----	----	0.0170B/0.0130A	0.0170B/0.0130A	----	0.0140	UNCH	.0906	----	----	----	25	UNCH	
384	0.0145	0.0145	0.0180B/0.0135A	0.0180B/0.0135A	----	0.0150	UNCH	.0963	----	2	----	40 +	2	
385	0.0155	0.0155	0.0195B/0.0145A	0.0195B/0.0145A	----	0.0160	UNCH	.1020	----	2	----	176 +	2	
386	0.0165	0.0165	0.0210B/0.0155A	0.0210B/0.0155A	----	0.0170	UNCH	.1078	----	2	----	99 +	2	
387	0.0175	0.0175	0.0220B/0.0165A	0.0220B/0.0165A	----	0.0185	+	0.0005	.1155	2	----	28	UNCH	
388	0.0190	0.0190	0.0240B/0.0175A	0.0240B/0.0175A	----	0.0195	+	0.0005	.1213	2	----	38 +	2	
389	0.0200	0.0200	0.0255B/0.0185A	0.0255B/0.0185A	----	0.0210	+	0.0005	.1290	2	----	51 +	1	
390	0.0255	0.0255	0.0270B/0.0195A	0.0270B/0.0195A	----	0.0220	+	0.0005	.1350	203	----	501 +	52	
391	0.0230	0.0230	0.0290B/0.0210A	0.0290B/0.0210A	----	0.0235	+	0.0005	.1428	2	----	70 +	2	
392	0.0245	0.0245	0.0305B/0.0220A	0.0305B/0.0220A	----	0.0250	UNCH	.1507	----	2	----	58 +	2	
393	0.0260	0.0260	0.0325B/0.0235A	0.0325B/0.0235A	----	0.0270	+	0.0005	.1601	2	----	78 +	2	
394	0.0275	0.0275	0.0345B/0.0250A	0.0345B/0.0250A	----	0.0285	+	0.0005	.1680	2	----	205 +	2	
395	----	----	0.0370B/0.0265A	0.0370B/0.0265A	----	0.0300	UNCH	.1760	----	150	----	395 +	143	
396	----	----	0.0390B/0.0280A	0.0390B/0.0280A	----	0.0320	UNCH	.1855	----	----	----	64	UNCH	
397	----	----	0.0415B/0.0300A	0.0415B/0.0300A	----	0.0340	UNCH	.1950	----	----	----	69	UNCH	
398	0.0360	0.0360	0.0440B/0.0315A	0.0440B/0.0315A	----	0.0360	UNCH	.2046	----	2	----	10 -	2	
399	----	----	0.0465B/0.0335A	0.0465B/0.0335A	----	0.0385	+	0.0005	.2155	----	----	26	UNCH	
400	0.0400	0.0400	0.0495B/0.0355A	0.0495B/0.0355A	----	0.0405	+	0.0005	.2253	36	----	654 -	3	
401	----	----	0.0520B/0.0375A	0.0520B/0.0375A	----	0.0430	+	0.0005	.2362	----	----	13	UNCH	
402	----	----	0.0550B/0.0395A	0.0550B/0.0395A	----	0.0455	+	0.0005	.2472	----	----	12	UNCH	
403	0.0480	0.0480	0.0580B/0.0420A	0.0580B/0.0420A	----	0.0480	+	0.0005	.2583	1	----	16 +	1	
404	0.0505	0.0505	0.0615B/0.0445A	0.0615B/0.0445A	----	0.0510	+	0.0010	.2703	14	----	22 +	8	
405	0.0530	0.0530	0.0650B/0.0470A	0.0650B/0.0470A	----	0.0540	+	0.0010	.2824	4	----	253 +	2	
406	----	----	0.0680B/0.0500A	0.0680B/0.0500A	----	0.0570	+	0.0010	.2945	----	4	5	UNCH	
407	0.0590	0.0590	0.0720B/0.0525A	0.0720B/0.0525A	----	0.0600	NEW	.3067	----	4	----	4 +	4	
408	0.0615	0.0615	0.0755B/0.0555A	0.0755B/0.0555A	----	0.0635	+	0.0015	.3197	6	----	310	UNCH	
409	0.0645	0.0645	0.0795B/0.0585A	0.0795B/0.0585A	----	0.0665	+	0.0010	.3320	5	----	10	UNCH	
410	0.0680	0.0680	0.0835B/0.0620A	0.0835B/0.0620A	----	0.0705	+	0.0015	.3456	155	----	381 +	40	
412	----	----	0.0920B/0.0685A	0.0920B/0.0685A	----	0.0780	+	0.0015	.3723	----	25	25	UNCH	
413	0.0735	0.0735	0.0965B/0.0720A	0.0965B/0.0720A	----	0.0820	NEW	.3859	----	1	----	1 +	1	
415	----	----	0.1060B/0.0795A	0.1060B/0.0795A	----	0.0905	+	0.0020	.4135	----	49	49	UNCH	
416	0.1060	0.1060	0.1105B/0.0835A	0.1105B/0.0835A	----	0.0950	+	0.0020	.4275	11	----	114 +	11	
417	----	----	0.1155B/0.0875A	0.1155B/0.0875A	----	0.0995	+	0.0025	.4414	----	21	21	UNCH	
418	----	----	0.1210B/0.0920A	0.1210B/0.0920A	----	0.1045	+	0.0025	.4555	----	16	16	UNCH	
419	0.1245	0.1245	0.1260B/0.0960A	0.1260B/0.0960A	----	0.1095	+	0.0030	.4696	4	----	54	UNCH	
420	0.1130	0.1130	0.1315B/0.1005A	0.1315B/0.1005A	----	0.1145	+	0.0030	.4836	2	----	600	UNCH	
421	----	----	0.1370B/0.1050A	0.1370B/0.1050A	----	0.1200	+	0.0035	.4976	----	37	37	UNCH	
422	0.1240	0.1240	0.1430B/0.1100A	0.1430B/0.1100A	----	0.1255	+	0.0040	.5115	2	----	46 +	2	
423	----	----	0.1490B/0.1150A	0.1490B/0.1150A	----	0.1310	+	0.0045	.5254	----	10	10	UNCH	
424	0.1495	0.1495	0.1550B/0.1200A	0.1550B/0.1200A	----	0.1365	+	0.0045	.5393	1	----	23 +	1	
425	----	----	0.1610B/0.1255A	0.1610B/0.1255A	----	0.1425	+	0.0050	.5529	----	396	396	UNCH	
426	0.1495	0.1495	0.1675B/0.1305A	0.1675B/0.1305A	----	0.1485	+	0.0050	.5664	3	----	10	UNCH	
427	----	----	0.1735B/0.1360A	0.1735B/0.1360A	----	0.1545	+	0.0055	.5799	----	13	13	UNCH	
428	----	----	0.1800B/0.1420A	0.1800B/0.1420A	----	0.1605	+	0.0055	.5934	----	1	1	UNCH	
429	0.1675	0.1675	0.1865B/0.1475A	0.1865B/0.1475A	----	0.1670	NEW	.6063	----	1	----	1 +	1	
430	----	----	0.1935B/0.1535A	0.1935B/0.1535A	----	0.1730	+	0.0060	.6192	----	32	32	UNCH	
431	----	----	0.2005B/0.1595A	0.2005B/0.1595A	----	0.1795	+	0.0060	.6321	----	11	11	UNCH	
433	----	----	0.2145B/0.1715A	0.2145B/0.1715A	----	0.1930	+	0.0065	.6571	----	1	1	UNCH	
435	----	----	0.2290B/0.1845A	0.2290B/0.1845A	----	0.2075	+	0.0080	.6812	----	6	6	UNCH	
437	----	----	0.2435B/0.1980A	0.2435B/0.1980A	----	0.2220	+	0.0085	.7043	----	1	1	UNCH	
440	----	----	0.2670B/0.2190A	0.2670B/0.2190A	----	0.2445	+	0.0095	.7370	----	10	10	UNCH	
444	----	----	0.3000B/0.2475A	0.3000B/0.2475A	----	0.2755	+	0.0100	.7766	----	4	4	UNCH	
455	----	----	0.3755B/0.3355A	0.3755B/0.3355A	----	0.3675	+	0.0130	.8679	----	1	1	UNCH	
470	----	----	0.5350B/----	0.5350B/----	----	0.5055	+	0.0170	.9383	----	1	1	UNCH	
500	----	----	----	----	----	0.7985	+	0.0205	.9880	----	----	274	274	
TOTAL										645		23650 +		
APR23														
200	0.0010	0.0010	0.0010/*0.0010	0.0010/*0.0010	----	0.0005	UNCH	----	----	----	1	1	UNCH	
225	0.0010	0.0010	0.0010/*0.0010	0.0010/*0.0010	----	0.0005	UNCH	.0000	----	1	----	35	35	
230	0.0010	0.0010	0.0010/*0.0010	0.0010/*0.0010	----	0.0005	UNCH	.0001	----	1	----	2 -	1	
250	----	----	----	----	----	0.0005	UNCH	.0008	----	----	27	27	UNCH	
260	----	----	----	----	----	0.0005	UNCH	.0018	----	----	1	1	UNCH	
265	----	----	----	----	----	0.0010	+	0.0005	.0035	----	3	3	UNCH	
270	----	----	----	----	----	0.0010	+	0.0005	.0036	----	15	15	UNCH	
275	----	----	----	----	----	0.0010	UNCH	.0038	----	----	4	4	UNCH	
280	----	----	----	----	----	0.0015	+	0.0005	.0055	----	12	12	UNCH	
285	----	----	----	----	----	0.0015	+	0.0005	.0057	----	35	35	UNCH	
290	----	----	----	----	----	0.0020	+	0.0005	.0075	----	18	18	UNCH	
295	----	----	----	----	----	0.0020	+	0.0005	.0078	----	33	33	UNCH	
300	----	----	----	----	----	0.0025	+	0.0005	.0097	----	1	1	UNCH	
305	----	----	----	----	----	0.0025	UNCH	.0102	----	----	6	6	UNCH	
310	0.0025	0.0025	0.0025/*0.0025	0.0025/*0.0025	----	0.0030	UNCH	.0123	----	----	5	5	UNCH	
315	0.0025	0.0025	0.0025/*0.0025	0.0025/*0.0025	----	0.0035	+	0.0005	.0145	1	----	201	201	
320	----	----	----	----	----	0.0040	UNCH	.0168	----	----	33	33	UNCH	
325	----	----	----	----	----	0.0045	UNCH	.0193	----	----	1287	1287	UNCH	
330	----	----	----	----	----	0.0055	UNCH	.0236	----	----	15	15	UNCH	
335	0.0075	0.0075	0.0075/0.0075	0.0075/0.0075	----	0.0065	UNCH	.0281	----	2	----	123 +	2	
340	----	----	0.0090B/----	0.0090B/----	----	0.0080	UNCH	.0344	----	----	33	33	UNCH	
345	----	----	0.0110B/----	0.0110B/----	----	0.0100	UNCH	.0425	----	1	----	27	UNCH	
350	0.0140	0.0140	0.0140/0.0120A	0.0140/0.0120A	----	0.0125	UNCH	.0524	----	3	----	1246	1246	
355	----	----	0.0175B/0.0150A	0.0175B/0.0150A	----	0.0155	UNCH	.0641	----	----	27	27	UNCH	
356	----	----	0.0180B/0.0155A	0.0180B/0.										

BULLETIN # 19@				METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64
	GLOBAL OPEN	OPEN OPEN	OUTCRY RANGE	GLOBAL HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL® VOLUME	PNT VOLUME	OPEN INTEREST		
HX PUT	COMEX COPPER OPTIONS															
APR23																
440	----	----		0.3185B/0.2770A	0.3185B/0.2770A	----		0.2990 + 0.0080	.6350	----	----	----	----	2		
445	----			0.3545B/0.3100A	0.3545B/0.3100A	----		0.3340 + 0.0095	.6720	----	----	----	----	3		
450	0.3450	0.3450		0.3920B/0.3445A	0.3920B/0.3445A	----		0.3705 NEW	.7074	----	----	1	----	1 +		
455	0.3820	0.3820		0.4310B/0.3810A	0.4310B/0.3810A	----		0.4085 NEW	.7398	----	----	1	----	1 +		
TOTAL												31		5498 +		
MAY23																
220	----	----		----	----	----		0.0005 UNCH	.0001	----	----	----	----	3		
225	----	----		----	----	----		0.0005 UNCH	.0002	----	----	----	----	20		
230	----	----		----	----	----		0.0005 UNCH	.0004	----	----	----	----	112		
235	----	----		----	----	----		0.0005 UNCH	.0006	----	----	----	----	11		
240	----	----		----	----	----		0.0005 UNCH	.0009	----	----	----	----	25		
250	----	----		----	----	----		0.0005 UNCH	.0018	----	----	----	----	349		
255	----	----		----	----	----		0.0010 UNCH	.0034	----	----	----	----	25		
260	----	----		----	----	----		0.0010 UNCH	.0035	----	----	----	----	2		
270	----	----		----	----	----		0.0015 UNCH	.0053	----	----	----	----	210		
275	----	----		----	----	----		0.0020 UNCH	.0069	----	----	----	----	156		
280	----	----		----	----	----		0.0025 UNCH	.0086	----	----	----	----	2		
285	----	----		----	----	----		0.0030 UNCH	.0103	----	----	----	----	400		
290	----	----		----	----	----		0.0035 UNCH	.0121	----	----	----	----	46		
300	0.0050	0.0050		0.0050/0.0050	0.0050/0.0050	----		0.0050 UNCH	.0172	----	----	1	----	132		
310	----	----		----	----	----		0.0070 + 0.0005	.0241	----	----	----	----	2		
315	----	----		----	----	----		0.0080 UNCH	.0277	----	----	----	----	10		
320	----	----		----	----	----		0.0095 UNCH	.0327	----	----	----	----	9		
325	----	----		0.0115B/----	0.0115B/----	----		0.0115 + 0.0005	.0392	----	----	----	----	200		
330	----	----		0.0140B/----	0.0140B/----	----		0.0135 UNCH	.0458	----	----	----	----	39		
335	----	----		0.0170B/----	0.0170B/----	----		0.0160 UNCH	.0538	----	----	----	----	5		
340	----	----		0.0205B/----	0.0205B/----	----		0.0195 + 0.0005	.0643	----	----	----	----	155		
345	----	----		0.0250B/----	0.0250B/----	----		0.0230 + 0.0005	.0750	----	----	----	----	200		
350	----	----		0.0300B/0.0265A	0.0300B/0.0265A	----		0.0275 + 0.0005	.0881	----	----	----	----	14		
355	----	----		0.0360B/0.0315A	0.0360B/0.0315A	----		0.0325 + 0.0005	.1025	----	----	----	----	19		
360	----	----		0.0430B/0.0375A	0.0430B/0.0375A	----		0.0390 + 0.0005	.1199	----	----	----	----	123		
365	----	----		0.0510B/0.0440A	0.0510B/0.0440A	----		0.0465 + 0.0010	.1392	----	----	----	----	15		
370	----	----		0.0605B/0.0515A	0.0605B/0.0515A	----		0.0550 + 0.0010	.1603	----	----	----	----	15		
375	----	----		0.0710B/0.0610A	0.0710B/0.0610A	----		0.0645 + 0.0010	.1832	----	----	----	----	51		
380	----	----		0.0830B/0.0705A	0.0830B/0.0705A	----		0.0755 + 0.0005	.2084	----	----	----	----	399		
385	----	----		0.0970B/0.0825A	0.0970B/0.0825A	----		0.0880 + 0.0005	.2356	----	----	----	----	12		
390	----	----		0.1120B/0.0955A	0.1120B/0.0955A	----		0.1025 + 0.0010	.2650	----	----	----	----	105		
395	----	----		0.1290B/0.1105A	0.1290B/0.1105A	----		0.1185 + 0.0015	.2958	----	----	----	----	2		
400	0.1415	0.1415		0.1475B/0.1270A	0.1475B/0.1270A	----		0.1365 + 0.0025	.3281	----	----	3	----	169 +		
405	----	----		0.1680B/0.1455A	0.1680B/0.1455A	----		0.1560 + 0.0030	.3614	----	----	----	----	20		
410	----	----		0.1905B/0.1650A	0.1905B/0.1650A	----		0.1775 + 0.0035	.3955	----	----	----	----	10		
415	----	----		0.2150B/0.1870A	0.2150B/0.1870A	----		0.2005 + 0.0040	.4300	----	----	----	----	52		
420	----	----		0.2410B/0.2110A	0.2410B/0.2110A	----		0.2255 + 0.0045	.4647	----	1	----	----	17		
425	----	----		0.2685B/0.2360A	0.2685B/0.2360A	----		0.2525 + 0.0055	.4991	----	----	----	----	168		
430	----	----		0.2980B/0.2630A	0.2980B/0.2630A	----		0.2810 + 0.0065	.5331	----	1	----	----	21		
435	----	----		0.3285B/0.2920A	0.3285B/0.2920A	----		0.3115 + 0.0075	.5663	----	----	----	----	2		
440	----	----		0.3615B/0.3220A	0.3615B/0.3220A	----		0.3430 + 0.0080	.5986	----	----	----	----	1		
445	----	----		0.3955B/0.3540A	0.3955B/0.3540A	----		0.3765 + 0.0090	.6294	----	----	----	----	15		
TOTAL												6		3343 +		
JUN23																
125	----	----		----	----	----		0.0005 UNCH	.0000	----	----	----	----	50		
150	----	----		----	----	----		0.0005 UNCH	.0001	----	----	----	----	50		
250	----	----		----	----	----		0.0035 + 0.0005	.0092	----	----	----	----	1		
255	----	----		----	----	----		0.0035 UNCH	.0095	----	----	----	----	1		
280	----	----		----	----	----		0.0060 UNCH	.0171	----	----	----	----	10		
290	----	----		----	----	----		0.0075 UNCH	.0218	----	----	----	----	10		
295	----	----		----	----	----		0.0085 UNCH	.0248	----	----	----	----	4		
300	----	----		----	----	----		0.0100 UNCH	.0290	----	----	----	----	27		
310	----	----		0.0145B/----	0.0145B/----	----		0.0140 + 0.0005	.0397	----	----	----	----	11		
315	----	----		0.0170B/----	0.0170B/----	----		0.0160 UNCH	.0453	----	----	----	----	21		
320	----	----		0.0200B/----	0.0200B/----	----		0.0190 + 0.0005	.0530	----	----	----	----	10		
325	----	----		0.0235B/----	0.0235B/----	----		0.0225 + 0.0005	.0617	----	----	----	----	18		
330	----	----		0.0275B/----	0.0275B/----	----		0.0265 + 0.0005	.0714	----	----	----	----	11		
335	----	----		0.0325B/----	0.0325B/----	----		0.0305 + 0.0005	.0814	----	----	----	----	1		
340	----	----		0.0380B/----	0.0380B/----	----		0.0360 + 0.0010	.0939	----	----	----	----	16		
345	----	----		0.0440B/0.0405A	0.0440B/0.0405A	----		0.0415 + 0.0005	.1067	----	----	----	----	120		
350	----	----		0.0515B/0.0465A	0.0515B/0.0465A	----		0.0480 + 0.0005	.1212	----	----	----	----	3		
355	----	----		0.0595B/0.0535A	0.0595B/0.0535A	----		0.0555 + 0.0005	.1372	----	----	----	----	171		
360	----	----		0.0685B/0.0615A	0.0685B/0.0615A	----		0.0640 + 0.0010	.1548	----	----	----	----	321		
365	----	----		0.0790B/0.0705A	0.0790B/0.0705A	----		0.0735 + 0.0010	.1737	----	----	----	----	20		
370	----	----		0.0905B/0.0805A	0.0905B/0.0805A	----		0.0840 + 0.0010	.1940	----	----	----	----	125		
375	----	----		0.1030B/0.0915A	0.1030B/0.0915A	----		0.0960 + 0.0010	.2160	----	----	----	----	5		
380	----	----		0.1170B/0.1040A	0.1170B/0.1040A	----		0.1090 + 0.0010	.2391	----	----	----	----	9		
385	----	----		0.1325B/0.1180A	0.1325B/0.1180A	----		0.1235 + 0.0010	.2636	----	----	----	----	26		
390	----	----		0.1495B/0.1330A	0.1495B/0.1330A	----		0.1395 + 0.0015	.2893	----	----	----	----	94		
395	----	----		0.1680B/0.1495A	0.1680B/0.1495A	----		0.1575 + 0.0020	.3162	----	----	----	----	28		
400	----	----		0.1875B/0.1675A	0.1875B/0.1675A	----		0.1765 + 0.0025	.3437	----	----	----	----	16		
420	----	----		0.2830B/0.2545A	0.2830B/0.2545A	----		0.2685 + 0.0050	.4583	----	----	----	----	24		
425	----	----		0.3105B/0.2800A	0.3105B/0.2800A	----		0.2950 + 0.005								

PG64	BULLETIN # 19@										METALS OPTION PRODUCTS				Mon, Jan 30, 2023				PG64
	LOBEX OPEN	OPEN OPEN	OUTCRY RANGE	LOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	LOBEX® VOLUME	PNT VOLUME	OPEN INTEREST					
HX PUT SEP23	COMEX COPPER OPTIONS																		
315	----	----	----	0.0485B/----	0.0485B/----	----	----	0.0490 + 0.0010	.0918	----	----	----	----	4					UNCH
350	----	----	----	0.1105B/----	0.1105B/----	----	----	0.1090 + 0.0020	.1801	----	----	----	----	300					UNCH
385	----	----	----	0.2150B/----	0.2150B/----	----	----	0.2100 + 0.0035	.3031	----	----	----	----	20					UNCH
395	----	----	----	0.2545B/----	0.2545B/----	----	----	0.2485 + 0.0040	.3434	----	----	----	----	2					UNCH
400	----	----	----	0.2765B/----	0.2765B/----	----	----	0.2695 + 0.0040	.3641	----	----	----	----	1					UNCH
405	----	----	----	0.2990B/----	0.2990B/----	----	----	0.2920 + 0.0050	.3851	----	----	----	----	1					UNCH
415	----	----	----	0.3485B/----	0.3485B/----	----	----	0.3400 + 0.0055	.4275	----	----	----	----	2					UNCH
420	----	----	----	0.3750B/----	0.3750B/----	----	----	0.3660 + 0.0065	.4487	----	----	----	----	5					UNCH
425	----	----	----	0.4025B/----	0.4025B/----	----	----	0.3925 + 0.0065	.4698	----	----	----	----	34					UNCH
435	----	----	----	0.4610B/----	0.4610B/----	----	----	0.4495 + 0.0075	.5114	----	----	----	----	7					UNCH
TOTAL														386					
OCT23																			
320	----	----	----	----	----	----	----	0.0695 + 0.0010	.1153	----	----	----	----	1					UNCH
TOTAL														1					
NOV23																			
415	----	----	----	0.3945B/----	0.3945B/----	----	----	0.3900 + 0.0055	.4252	----	----	----	----	40					UNCH
TOTAL														40					
DEC23																			
350	----	----	----	----	----	----	----	0.1660 + 0.0020	.2119	----	----	----	----	150					UNCH
370	----	----	----	0.2240B/----	0.2240B/----	----	----	0.2260 + 0.0030	.2710	----	----	----	----	4					UNCH
825	----	----	----	----	----	----	----	4.0350 + 0.0195	.9703	----	----	----	----	2					UNCH
TOTAL														156					
FEB24																			
360	----	----	----	----	----	----	----	0.2305 + 0.0085	.2530	----	----	----	----	4					UNCH
TOTAL														4					
HXE CALL JAN23	COPPER OPTIONS																		
385	----	----	----	----	----	----	----	0.3725 UNCH	----	----	----	----	----	0					UNCH
390	----	----	----	----	----	----	----	0.3225 UNCH	----	----	----	----	----	0					UNCH
395	----	----	----	----	----	----	----	0.2725 UNCH	----	----	----	----	----	0					UNCH
410	----	----	----	----	----	----	----	0.1225 UNCH	----	----	----	----	----	0					UNCH
420	----	----	----	----	----	----	----	0.0225 UNCH	----	----	----	----	----	0					UNCH
430	----	----	----	----	----	----	----	0.0000 UNCH	----	----	----	----	----	0					UNCH
440	----	----	----	----	----	----	----	0.0000 UNCH	----	----	----	----	----	0					UNCH
TOTAL														0					
FEB23																			
380	----	----	----	----/*0.3755A	----/*0.3755A	----	----	0.4055 - 0.0205	.9662	----	----	----	----	3					UNCH
410	----	----	----	0.1595B/0.1000A	0.1595B/0.1000A	----	----	0.1225 - 0.0200	.7891	----	----	----	----	1					UNCH
415	----	----	----	0.1200B/0.0685A	0.1200B/0.0685A	----	----	0.0870 - 0.0190	.6627	----	----	----	----	10					UNCH
420	0.0515	0.0515		0.0860B/*0.0435	0.0860B/*0.0435	----	----	0.0585 - 0.0170	.5122	----	----	5	----	11					UNCH
425	0.0320	0.0320		0.0595B/*0.0270	0.0595B/*0.0270	----	----	0.0375 NEW	.3626	----	----	1	----	1	+				
430	0.0330	0.0330		0.0390B/*0.0165	0.0390B/*0.0165	----	----	0.0230 - 0.0110	.2365	----	----	8	----	13	+				
430	----	----	----	0.0850B/*0.0545	0.0850B/*0.0545	----	----	0.0645 - 0.0130	.3641	----	----	----	----	6					UNCH
435	0.0120	0.0120		0.0240B/*0.0100	0.0240B/*0.0100	----	----	0.0135 - 0.0085	.1429	----	----	2	----	1					UNCH
435	----	----	----	0.0460B/*0.0250	0.0460B/*0.0250	----	----	0.0310 - 0.0110	.2423	----	----	----	----	7					UNCH
440	----	----	----	0.0145B/*0.0060	0.0145B/*0.0060	----	----	0.0075 - 0.0060	.0797	----	----	----	----	10					UNCH
440	0.0230	0.0230		0.0325B/*0.0175	0.0325B/*0.0175	----	----	0.0215 - 0.0085	.1773	----	----	1	----	1	-				
445	----	----	----	0.0085B/*0.0035	0.0085B/*0.0035	----	----	0.0040 - 0.0040	.0415	----	----	----	----	1					UNCH
450	----	----	----	0.0155B/*0.0085	0.0155B/*0.0085	----	----	0.0100 - 0.0045	.0887	----	----	----	----	1					UNCH
455	----	----	----	----/*0.0015A	----/*0.0015A	----	----	0.0010 - 0.0015	.0092	----	----	----	----	1					UNCH
TOTAL												17		67	+				
HXE PUT JAN23	COPPER OPTIONS																		
400	----	----	----	----	----	----	----	0.0000 UNCH	----	----	----	----	----	0					UNCH
405	----	----	----	----	----	----	----	0.0000 UNCH	----	----	----	----	----	0					UNCH
420	----	----	----	----	----	----	----	0.0000 UNCH	----	----	----	----	----	0					UNCH
425	----	----	----	----	----	----	----	0.0275 UNCH	----	----	----	----	----	0					UNCH
430	----	----	----	----	----	----	----	0.0775 UNCH	----	----	----	----	----	0					UNCH
435	----	----	----	----	----	----	----	0.1275 UNCH	----	----	----	----	----	0					UNCH
TOTAL														0					
FEB23																			
375	----	----	----	----	----	----	----	0.0005 UNCH	.0012	----	----	----	----	1					UNCH
385	----	----	----	0.0140B/0.0105A	0.0140B/0.0105A	----	----	0.0110 UNCH	.0796	----	----	----	----	3					UNCH
390	----	----	----	0.0030B/----	0.0030B/----	----	----	0.0020 - 0.0005	.0180	----	----	----	----	13	+				
395	0.0040	0.0040		0.0050B/0.0040	0.0050B/0.0040	----	----	0.0035 - 0.0010	.0341	----	----	10	----	12	+				
400	----	----	----	0.0095B/0.0065A	0.0095B/0.0065A	----	----	0.0060 - 0.0015	.0626	----	----	----	----	4					UNCH
400	----	----	----	0.0240B/0.0160A	0.0240B/0.0160A	----	----	0.0180 - 0.0005	.1481	----	----	----	----	10					UNCH
405	----	----	----	0.0165B/0.0100A	0.0165B/0.0100A	----	----	0.0115 - 0.0005	.1207	----	----	10	----	11	+				
410	----	----	----	0.0290B/0.0165A	0.0290B/0.0165A	----	----	0.0205 NEW	.2107	----	----	2	----	2	+				
415	0.0410	0.0410		0.0475B/0.0270A	0.0475B/0.0270A	----	----	0.0350 NEW	.3371	----	----	2	----	2	+				
415	----	----	----	0.0720B/0.0485A	0.0720B/0.0485A	----	----	0.0585 + 0.0020	.3865	----	----	----	----	2					UNCH
420	0.0420	0.0420		0.0730B/0.0420	0.0730B/0.0420	----	----	0.0565 NEW	.4876	----	----	486	----	33	+				
425	----	----	----	0.1050B/0.0660A	0.1050B/0.0660A	----	----	0.0855 + 0.0065	.6372	----	----	----	----	3					UNCH
425	----	----	----	0.1275B/0.0910A	0.1275B/0.0910A	----	----	0.1095 + 0.0055	.5855	----	----	----	----	20					UNCH
435	----	----	----	0.1755B/0.1310A	0.1755B/0.1310A	----	----	0.1615 + 0.0125	.8569	----	----	----	----	1					UNCH
440	----	----	----	0.2330B/0.1715A	0.2330B/0.1715A	----	----	0.2055 + 0.0145	.9201	----	----	----	----	1					UNCH
TOTAL												520		118	+				
ALUMINIUM OPTIONS ON FUTURES																			
	LOBEX OPEN	OPEN OPEN	OUTCRY RANGE	LOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUT												

PG64	BULLETIN # 19@ METALS OPTION PRODUCTS										Mon, Jan 30, 2023		PG64
	LOBEX OPEN	OPEN OUTCRY OPEN RANGE	LOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	LOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
PAO PUT		NYMEX PALLADIUM OPTIONS										2	0
TOTAL													
SEP23	----	----	----	----	----	281.50 - 16.80	.5384	----	----	----	----	1	UNCH
1795												1	0
TOTAL													
PO CALL		PLATINUM OPTIONS											
MAR23	----	----	----	----	----								
1050	----	----	----/*11.40A	----/*11.40A	----	12.60 - 0.10	.3214	----	----	----	----	1	UNCH
1070	----	----	----/7.20A	----/7.20A	----	7.50 - 0.30	.2141	----	----	----	----	3	UNCH
1090	----	----	----/*18.40A	----/*18.40A	----	4.20 - 0.40	.1322	----	----	----	----	2	UNCH
1100	----	----	----/*4.50A	----/*4.50A	----	4.20 - 0.40	.1322	----	----	----	----	2	UNCH
1100	----	----				3.10 - 0.40	.1016	----	----	----	----	50	UNCH
1150	----	----				0.50 - 0.20	.0195	----	----	----	----	100	UNCH
1200	----	----				0.10 UNCH	.0017	----	----	----	----	7	UNCH
TOTAL												163	0
APR23	----	----											
1000	----	----	50.90B/47.10A	50.90B/47.10A	----	50.10 + 1.50	.6035	----	----	----	----	209	UNCH
1050	----	----	27.10B/25.50A	27.10B/25.50A	----	27.00 + 0.50	.4002	----	----	----	----	43	UNCH
1075	----	----				19.10 + 0.10	.3090	----	----	----	----	4	UNCH
1100	----	----	----/*13.10A	----/*13.10A	----	13.30 - 0.10	.2316	----	----	----	100	504	UNCH
1300	----	----				0.40 - 0.10	.0098	----	----	----	----	23	UNCH
1450	----	----				0.10 UNCH	.0002	----		----	----	210	UNCH
TOTAL									100			993	0
JUL23	----	----											
1040	----	----				62.80 + 0.80	.5035	----	----	----	----	2	UNCH
1100	----	----				42.20 + 0.50	.3762	----	----	----	----	11	UNCH
TOTAL												13	0
OCT23	----	----											
1400	----	----				15.80 - 0.10	.1338	----	----	----	----	225	UNCH
TOTAL												225	0
PO PUT		PLATINUM OPTIONS											
MAR23	----	----	----	----	----								
925	----	----				1.80 - 0.20	.0558	----	----	----	----	1	UNCH
950	----	----	----/4.30A	----/4.30A	----	4.00 - 0.70	.1153	----	----	----	----	1	UNCH
990	----	----	----/12.20A	----/12.20A	----	12.20 - 1.90	.2936	----	----	----	----	1	UNCH
1000	----	----	17.90B/15.40A	17.90B/15.40A	----	15.50 - 2.30	.3534	----	----	----	----	2	UNCH
1040	----	----	39.70B/34.30A	39.70B/34.30A	----	35.40 - 3.60	.6166	----	----	----	----	50	UNCH
1050	----	----	46.90B/40.70A	46.90B/40.70A	----	42.00 - 3.80	.6784	----	----	----	----	2	UNCH
1070	----	----	63.00B/55.40A	63.00B/55.40A	----	56.80 - 4.10	.7858	----	----	----	----	9	UNCH
1100	----	----	89.70B/81.00A	89.70B/81.00A	----	82.40 - 4.10	.8983	----	----	----	----	1	UNCH
TOTAL												67	0
APR23	----	----											
700	----	----				0.10 UNCH	.0000	----	----	----	----	200	UNCH
750	----	----				0.10 UNCH	.0008	----	----	----	----	1	UNCH
800	----	----				0.30 UNCH	.0071	----	----	----	----	200	UNCH
925	----	----	----/*8.80A	----/*8.80A	----	8.30 - 0.70	.1452	----	----	----	----	22	UNCH
1025	----	----	----/41.20A	----/41.20A	----	41.60 - 2.80	.4993	----	----	----	----	750	UNCH
1050	----	----	----/55.50A	----/55.50A	----	56.30 - 3.20	.5996	----	----	----	----	300	UNCH
1300	----	----				279.40 - 3.80	.9901	----	----	----	----	11	UNCH
TOTAL												1484	0
MAY23	29.80	29.80	#29.80/29.80	#29.80/29.80	----	29.80 NEW	.3185	----	----	1	----	1 +	1
975										1		1 +	1
TOTAL													
JUL23	----	----											
900	----	----				20.20 - 1.90	.1919	----	----	----	----	1	UNCH
950	----	----				34.50 - 2.40	.2901	----	----	----	----	11	UNCH
1060	----	----				87.20 - 3.30	.5409	----	----	----	----	22	UNCH
1100	----	----				113.90 - 3.40	.6234	----	----	----	----	22	UNCH
TOTAL												56	0
JAN24	----	----											
980	----	----				66.00 - 2.10	.3557	----	----	----	----	1	UNCH
TOTAL												1	0

OPTIONS EOO'S AND BLOCKS													
PRODUCT		STRIKE PRICE		EOO VOLUME		BLOCK VOLUME							
OG CALL		COMEX GOLD OPTIONS											
MAR23	CALL												
OG		2145		0		600							
TOTALS				0		600							
APR23													
OG	CALL	1970		0		300							
OG		2050		0		450							
OG		2070		0		50							
TOTALS				0		800							
OG PUT		COMEX GOLD OPTIONS											
MAR23	PUT												
OG		1910		0		275							
OG		1920		0		50							
OG		1925		0		500							
TOTALS				0		825							
APR23													
OG	PUT	1900		0		850							
TOTALS				0		850							
MAY23													
OG	PUT	1800		0		250							
TOTALS				0		250							
JUN23													
OG	PUT	1930		0		400							
OG		1950		0		275							
TOTALS				0		675							
HX CALL		COMEX COPPER OPTIONS											
DEC24	CALL												
HX		600		0		1000							
HX		700		0		1150							
TOTALS				0		2150							
HX PUT		COMEX COPPER OPTIONS											
JUL23	PUT												
HX		390		0		300							
TOTALS				0		300							
PO CALL		PLATINUM OPTIONS											
APR23	CALL												
PO		1100		0		100							
TOTALS				0		100							
HRO OPT		U.S. MIDWEST DOMESTIC HOT-ROLLED CO											
MAY23	PUT												
HRO		70000		0		100							
TOTALS				0		100							