

PG64

BULLETIN # 18@

METALS OPTION PRODUCTS

Fri, Jan 27, 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				01/26	02/23	03/28								
ECGC OOF		01/26	01/27											
ECHG OOF		01/26	01/27											
ECSI OOF		01/26	01/27											
GMW MON	01/30			02/27										
GWW WED				02/22										
HMW MON	01/30			02/27										
HRO OPT	01/24			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				01/26	02/23	03/28	04/25	05/25	06/27	07/26	08/28	09/26	10/26	11/27
HX PUT				01/26	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				01/26	02/23	03/28	04/25	05/25	06/27	07/26	08/28	09/26	10/26	11/27
OG PUT				01/26	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													
PAO CALL					02/15			05/17						
PAO PUT								05/17						
PO CALL					02/15	03/15			06/21		08/16	09/20		
PO PUT					02/15	03/15			06/21					
SMW MON	01/30			02/27										
SO CALL				01/26	02/23	03/28	04/25	05/25	06/27		08/28			11/27
SO PUT				01/26	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													
SO4 PUT	01/27													
SWW WED				02/15										

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 JAN23	GOLD OPTIONS													
1690	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 1
1710	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 1
1720	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 16
1725	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 1
1730	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 1
1740	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 2
1745	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 1
1750	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 21
1760	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 3
1770	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 25
1790	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 6
1800	----	----	----	----	----	----	----	0.00 - 0.10	----	----	50	----	----	0 - 50
1810	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 23
1815	----	----	----	----	----	----	----	0.00 - 0.10	----	----	37	----	----	0 - 37
1820	----	----	----	----	----	----	----	0.00 - 0.10	----	----	15	----	----	0 - 64
1825	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 227
1830	----	----	----	----	----	----	----	0.00 - 0.10	----	----	66	----	----	0 - 66
1835	----	----	----	----	----	----	----	0.00 - 0.10	----	----	50	----	----	0 - 50
1840	----	----	----	----	----	----	----	0.00 - 0.10	----	----	74	----	----	0 - 74
1845	----	----	----	----	----	----	----	0.00 - 0.10	----	----	240	----	----	0 - 240
1850	----	----	----	----	----	----	----	0.00 - 0.10	----	----	144	----	----	0 - 144
1855	----	----	----	----	----	----	----	0.00 - 0.10	----	----	185	----	----	0 - 185
1860	----	----	----	----	----	----	----	0.00 - 0.10	----	----	159	----	----	0 - 159
1865	----	----	----	----	----	----	----	0.00 - 0.10	----	----	44	----	----	0 - 44
1870	----	----	----	----	----	----	----	0.00 - 0.10	----	----	366	----	----	0 - 366
1875	----	----	----	----	----	----	----	0.00 - 0.10	----	----	1	----	----	0 - 372
1880	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 266
1885	0.10	0.10	0.10/0.10	0.10/0.10	0.10/0.10	----	----	0.00 - 0.10	----	----	4	----	----	0 - 133
1890	0.10	0.10	0.10/0.10	0.10/0.10	0.10/0.10	----	----	0.00 - 0.10	----	----	1	----	----	0 - 462
1895	----	----	----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 565
1900	----	----	----/*0.10A	----/*0.10A	----/*0.10A	----	----	0.00 - 0.20	----	----	----	----	----	0 - 277
1905	----	----	----/*0.10A	----/*0.10A	----/*0.10A	----	----	0.00 - 0.20	----	----	3	----	----	0 - 272
1910	0.20	0.20	0.20/*0.10A	0.20/*0.10A	0.20/*0.10A	----	----	0.00 - 0.30	----	----	14	----	----	0 - 484
1915	0.30	0.30	0.40/*0.10	0.40/*0.10	0.40/*0.10	----	----	0.00 - 0.40	----	----	15	----	----	0 - 128
1920	0.50	0.50	0.60/*0.10	0.60/*0.10	0.60/*0.10	----	----	0.00 - 0.60	----	----	42	----	----	0 - 247
1925	0.50	0.50	1.10B/*0.10	1.10B/*0.10	1.10B/*0.10	----	----	0.00 - 1.00	----	----	130	----	----	0 - 121
1930	1.10	1.10	2.20B/*0.10	2.20B/*0.10	2.20B/*0.10	----	----	0.00 - 1.60	----	----	163	----	----	0 - 355
1935	3.00	3.00	4.00B/*0.10	4.00B/*0.10	4.00B/*0.10	----	----	0.00 - 2.50	----	----	450	----	----	0 - 155
1940	2.20	2.20	7.10B/*0.10	7.10B/*0.10	7.10B/*0.10	----	----	0.00 - 3.90	----	----	607	----	----	0 - 243
1945	5.20	5.20	11.80B/*0.10	11.80B/*0.10	11.80B/*0.10	----	----	0.00 - 5.80	----	----	221	----	----	0 - 143
1950	6.40	6.40	16.60B/*2.80A	16.60B/*2.80A	16.60B/*2.80A	----	----	4.40 - 4.00	----	89	127	----	----	0 - 74
1955	8.40	8.40	20.40B/5.90A	20.40B/5.90A	20.40B/5.90A	----	----	9.40 - 2.20	----	63	21	----	----	0 - 70
1960	10.80	10.80	25.50B/9.60A	25.50B/9.60A	25.50B/9.60A	----	----	14.40 - 1.00	----	51	8	----	----	0 - 53
1965	21.10	21.10	30.30B/14.00A	30.30B/14.00A	30.30B/14.00A	----	----	19.40 - 0.20	----	24	55	----	----	0 - 14
1970	----	----	35.40B/19.10A	35.40B/19.10A	35.40B/19.10A	----	----	24.40 + 0.30	----	2	----	----	----	0 - 2
1975	31.80	31.80	40.30B/23.70A	40.30B/23.70A	40.30B/23.70A	----	----	29.40 + 0.60	----	3	2	----	----	0 - 1
1980	----	----	45.30B/29.00A	45.30B/29.00A	45.30B/29.00A	----	----	34.40 + 0.80	----	3	----	----	----	0 - 3
TOTAL												1864		0 - 6247
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 JAN23	GOLD OPTIONS													
1795	----	----	156.00B/139.70A	156.00B/139.70A	156.00B/139.70A	----	----	150.60 - 1.20	----	141	----	----	----	0 - 141
1800	----	----	151.00B/134.70A	151.00B/134.70A	151.00B/134.70A	----	----	145.60 - 1.20	----	55	----	----	----	0 - 55
1805	----	----	146.00B/129.60A	146.00B/129.60A	146.00B/129.60A	----	----	140.60 - 1.20	----	44	----	----	----	0 - 44
1815	----	----	136.00B/119.70A	136.00B/119.70A	136.00B/119.70A	----	----	130.60 - 1.20	----	1	----	----	----	0 - 1
1820	----	----	131.00B/114.70A	131.00B/114.70A	131.00B/114.70A	----	----	125.60 - 1.20	----	3	----	----	----	0 - 3
1840	----	----	111.00B/94.70A	111.00B/94.70A	111.00B/94.70A	----	----	105.60 - 1.20	----	4	----	----	----	0 - 4
1845	----	----	106.00B/89.70A	106.00B/89.70A	106.00B/89.70A	----	----	100.60 - 1.20	----	11	----	----	----	0 - 11
1850	----	----	101.00B/84.50A	101.00B/84.50A	101.00B/84.50A	----	----	95.60 - 1.20	----	1	----	----	----	0 - 1
1870	----	----	81.00B/64.70A	81.00B/64.70A	81.00B/64.70A	----	----	75.60 - 1.20	----	6	----	----	----	0 - 6
1880	----	----	71.00B/54.70A	71.00B/54.70A	71.00B/54.70A	----	----	65.60 - 1.20	----	11	----	1	----	0 - 12
1885	----	----	66.00B/49.70A	66.00B/49.70A	66.00B/49.70A	----	----	60.60 - 1.20	----	15	----	----	----	0 - 15
1890	----	----	61.00B/44.70A	61.00B/44.70A	61.00B/44.70A	----	----	55.60 - 1.20	----	123	----	----	----	0 - 123
1895	----	----	55.90B/39.70A	55.90B/39.70A	55.90B/39.70A	----	----	50.60 - 1.20	----	2	2	----	----	0 - 2
1900	----	----	51.50B/33.40A	51.50B/33.40A	51.50B/33.40A	----	----	45.60 - 1.30	----	84	----	----	----	0 - 84
1905	----	----	45.90B/29.70A	45.90B/29.70A	45.90B/29.70A	----	----	40.60 - 1.30	----	33	33	----	----	0 - 33
1910	----	----	40.90B/24.70A	40.90B/24.70A	40.90B/24.70A	----	----	35.60 - 1.40	----	111	----	----	----	0 - 111
1915	----	----	35.90B/19.50A	35.90B/19.50A	35.90B/19.50A	----	----	30.60 - 1.50	----	66	66	----	----	0 - 66
1920	----	----	31.20B/14.70A	31.20B/14.70A	31.20B/14.70A	----	----	25.60 - 1.70	----	40	40	----	----	0 - 40
1925	16.60	16.60	26.50B/8.90A	26.50B/8.90A	26.50B/8.90A	----	----	20.60 - 2.10	----	114	----	24	----	0 - 10

	BULLETIN # 18@				METALS OPTION PRODUCTS							Fri, Jan 27, 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		
OG4 CALL	GOLD OPTIONS																
JAN23																	
1930	10.20	10.20		21.40B/4.90A	21.40B/4.90A	----	----	----	15.60 - 2.70	----	149	----	10	----	0 -	149	
1935	15.10	15.10		17.00B/*1.80	17.00B/*1.80	----	----	----	10.60 - 3.60	----	50	----	47	----	0 -	48	
1940	5.20	5.20		12.80B/*0.60A	12.80B/*0.60A	----	----	----	5.60 - 5.00	----	274	----	108	----	0 -	227	
1945	7.40	7.40		9.10B/*0.30A	9.10B/*0.30A	----	----	----	0.60 - 6.90	----	110	----	379	----	0 -	105	
1950	4.80	4.80		6.30B/*0.10	6.30B/*0.10	----	----	----	0.00 - 5.10	----	----	----	315	----	0 -	154	
1955	1.60	1.60		3.90B/*0.10	3.90B/*0.10	----	----	----	0.00 - 3.30	----	----	----	253	----	0 -	147	
1960	2.00	2.00		2.20B/*0.10	2.20B/*0.10	----	----	----	0.00 - 2.10	----	----	----	77	----	0 -	170	
1965	0.90	0.90		1.20B/*0.10	1.20B/*0.10	----	----	----	0.00 - 1.30	----	----	----	45	----	0 -	66	
1970	0.40	0.40		0.40/*0.10	0.40/*0.10	----	----	----	0.00 - 0.80	----	----	----	180	----	0 -	185	
1975	0.40	0.40		0.40/*0.10	0.40/*0.10	----	----	----	0.00 - 0.50	----	----	----	146	----	0 -	330	
1980	----	----		----/*0.10A	----/*0.10A	----	----	----	0.00 - 0.30	----	----	----	4	----	0 -	106	
1985	----	----		----/0.10A	----/0.10A	----	----	----	0.00 - 0.20	----	----	----	3	----	0 -	78	
1990	0.10	0.10		0.10/0.10	0.10/0.10	----	----	----	0.00 - 0.10	----	----	----	77	----	0 -	226	
1995	0.10	0.10		0.10/0.10	0.10/0.10	----	----	----	0.00 - 0.10	----	----	----	10	----	0 -	137	
2000	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	1	----	0 -	251	
2005	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	47	
2010	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	53	
2015	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	106	
2020	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	51	
2025	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	61	
2030	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	60	
2035	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	214	
2040	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	71	
2045	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	73	
2050	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	100	
2055	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	89	
2060	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	114	
2065	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	93	
2070	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	88	
2075	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	100	
2080	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	14	
2085	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	16	
2100	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	23	
2105	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	220	
2110	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	3	
2115	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	2	
2130	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	10	
2140	----	----		----	----	----	----	----	0.00 - 0.10	----	----	----	----	----	0 -	10	
TOTAL													1680		0 -	4855	
	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		
OG3 PUT	GOLD OPTIONS																
FEB23																	
1745	----	----		----	----	----	----	----	0.30 UNCH	.0082	----	----	----	----	2	UNCH	
1750	----	----		----	----	----	----	----	0.30 UNCH	.0084	----	----	----	----	9	UNCH	
1755	----	----		----	----	----	----	----	0.30 UNCH	.0086	----	----	----	----	13	UNCH	
1760	0.30	0.30		#0.30/*0.30	#0.30/*0.30	----	----	----	0.40 UNCH	.0112	----	----	2	----	11 +	2	
1765	----	----		----/0.30A	----/0.30A	----	----	----	0.40 UNCH	.0114	----	----	----	----	5	UNCH	
1770	----	----		----/*0.40A	----/*0.40A	----	----	----	0.40 - 0.10	.0117	----	6	----	16 +	6		
1790	----	----		----/*0.50A	----/*0.50A	----	----	----	0.70 UNCH	.0202	----	----	----	2	UNCH		
1815	----	----		----/*1.00A	----/*1.00A	----	----	----	1.10 - 0.20	.0327	----	----	----	1	UNCH		
1825	----	----		1.70B/1.30A	1.70B/1.30A	----	----	----	1.40 - 0.20	.0415	----	----	----	6	UNCH		
1830	----	----		2.00B/*1.40A	2.00B/*1.40A	----	----	----	1.60 - 0.20	.0471	----	2	----	9 +	1		
1835	----	----		2.30B/*1.60A	2.30B/*1.60A	----	----	----	1.80 - 0.30	.0529	----	----	----	9	UNCH		
1840	2.10	2.10		2.70B/*1.80A	2.70B/*1.80A	----	----	----	2.10 - 0.20	.0608	----	1	----	2 +	1		
1845	3.10	3.10		3.10/2.10A	3.10/2.10A	----	----	----	2.40 - 0.30	.0689	----	1	----	6 +	1		
1850	3.00	3.00		3.50B/2.40A	3.50B/2.40A	----	----	----	2.70 - 0.30	.0771	----	6	----	43 +	4		
1855	----	----		4.00B/2.70A	4.00B/2.70A	----	----	----	3.10 - 0.30	.0874	----	----	----	1	UNCH		
1860	----	----		4.60B/3.10A	4.60B/3.10A	----	----	----	3.50 - 0.40	.0979	----	62	----	63 +	62		
1865	----	----		5.30B/3.50A	5.30B/3.50A	----	----	----	4.00 - 0.40	.1103	----	----	----	2	UNCH		
1870	----	----		6.10B/4.00A	6.10B/4.00A	----	----	----	4.60 - 0.40	.1245	----	----	----	2	UNCH		
1875	5.40	5.40		6.90B/4.60A	6.90B/4.60A	----	----	----	5.20 NEW	.1390	----	4	----	4 +	4		
1880	5.30	5.30		7.80B/5.20A	7.80B/5.20A	----	----	----	6.00 NEW	.1566	----	144	----	134 +	134		
1885	----	----		8.90B/5.90A	8.90B/5.90A	----	----	----	6.80 - 0.50	.1744	----	----	----	5	UNCH		
1890	7.90	7.90		10.10B/6.70A	10.10B/6.70A	----	----	----	7.70 - 0.60	.1937	----	5	----	6 +	5		
1895	----	----		11.40B/7.60A	11.40B/7.60A	----	----	----	8.70 - 0.60	.2145	----	----	----	17	UNCH		
1900	9.50	9.50		12.80B/8.50A	12.80B/8.50A	----	----	----	9.80 - 0.70	.2367	----	4	----	215 +	2		
1905	----	----		14.40B/9.60A	14.40B/9.60A	----	----	----	11.10 - 0.70	.2610	----	----	----	58	UNCH		
1910	13.60	13.60		16.10B/10.90A	16.10B/10.90A	----	----	----	12.50 - 0.70	.2864	----	14	----	2 -	11		
1915	13.50	13.50		18.00B/12.20A	18.00B/12.20A	----	----	----	14.00 NEW	.3127	----	2	----	2 +	2		
1920	15.40	15.40		20.10B/13.70A	20.10B/13.70A	----	----	----	15.70 - 0.70	.3405	----	73	----	73 +	69		
1925	19.30	19.30		22.30B/15.40A	22.30B/15.40A	----	----	----	17.50 - 0.80	.3690	----	4	----	2 +	1		
1930	19.40	19.40		24.60B/17.20A	24.60B/17.20A	----	----	----	19.50 NEW	.3985	----	17	----	17 +	17		
1935	21.70	21.70		27.20B/19.10A	27.20B/19.10A	----	----	----	21.60 - 0.80	.4284	----	2	----	9 -	1		
1940	26.30	26.30															

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	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				
OG1 PUT FEB23	GOLD OPTIONS																		
1875	0.90	0.90		1.60B/*0.90	1.60B/*0.90		----		1.10 - 0.40	.0449	----	----	80	----	1012 +	1			
1880	1.40	1.40		2.00B/*1.10	2.00B/*1.10		----		1.40 - 0.40	.0567	----	----	38	----	181 -	1			
1885	1.90	1.90		2.60B/*1.40	2.60B/*1.40		----		1.70 - 0.40	.0691	----	----	5	----	35 +	4			
1890	2.70	2.70		3.10B/*1.70A	3.10B/*1.70A		----		2.10 - 0.50	.0849	----	----	22	----	238 +	9			
1895	3.40	3.40		3.90B/*2.00A	3.90B/*2.00A		----		2.60 - 0.50	.1041	----	----	41	----	95 +	3			
1900	3.60	3.60		4.80B/2.50	4.80B/2.50		----		3.10 - 0.60	.1241	----	----	106	----	233 +	6			
1905	----	----		5.80B/3.00A	5.80B/3.00A		----		3.80 - 0.70	.1499	----	----	202	----	72 +	28			
1910	3.70	3.70		7.10B/3.60A	7.10B/3.60A		----		4.60 - 0.80	.1789	----	----	31	----	166 -	4			
1915	7.20	7.20		8.60B/4.40A	8.60B/4.40A		----		5.60 - 0.80	.2129	----	----	235	----	145 +	17			
1920	8.30	8.30		10.30B/5.40A	10.30B/5.40A		----		6.80 - 0.90	.2514	----	----	172	----	318 +	111			
1925	9.70	9.70		12.30B/6.50A	12.30B/6.50A		----		8.20 - 0.90	.2936	----	----	73	----	110 +	9			
1930	12.00	12.00		14.50B/7.90A	14.50B/7.90A		----		9.80 - 0.90	.3391	----	----	170	----	236 +	39			
1935	14.70	14.70		17.00B/9.40A	17.00B/9.40A		----		11.70 - 0.90	.3879	----	----	119	----	120 +	67			
1940	17.10	17.10		19.50B/11.20A	19.50B/11.20A		----		13.80 - 0.80	.4382	----	----	115	----	131 +	98			
1945	16.70	16.70		22.50B/13.30A	22.50B/13.30A		----		16.20 - 0.70	.4897	----	----	114	----	83 +	32			
1950	18.70	18.70		25.70B/15.60A	25.70B/15.60A		----		18.80 - 0.70	.5412	----	----	34	----	61 -	10			
1955	24.40	24.40		29.20B/18.20A	29.20B/18.20A		----		21.70 - 0.60	.5915	----	----	3	----	12 +	1			
1960	----	----		33.00B/21.10A	33.00B/21.10A		----		24.80 - 0.50	.6394	----	----	4	----	3	UNCH			
1965	----	----		36.80B/24.20A	36.80B/24.20A		----		28.20 - 0.30	.6857	----	----	1	----	3	UNCH			
1970	30.00	30.00		40.80B/27.50A	40.80B/27.50A		----		31.80 - 0.20	.7279	----	----	2	----	7	UNCH			
1990	----	----		58.50B/42.90A	58.50B/42.90A		----		48.00 + 0.40	.8572	----	----	----	----	1	UNCH			
2010	----	----		77.40B/60.70A	77.40B/60.70A		----		66.10 + 0.70	.9308	----	----	----	----	1	UNCH			
TOTAL													2446		8022 +	1114			
	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				
OG1 CALL FEB23	GOLD OPTIONS																		
1790	----	----		160.90B/144.60A	160.90B/144.60A		----		155.60 - 1.10	1.0000	----	----	----	----	6	UNCH			
1810	----	----		140.90B/124.60A	140.90B/124.60A		----		135.60 - 1.20	.9999	----	----	----	----	58	UNCH			
1815	----	----		135.90B/119.60A	135.90B/119.60A		----		130.60 - 1.30	.9995	----	----	20	----	102 +	20			
1865	----	----		86.60B/69.60A	86.60B/69.60A		----		81.20 - 1.40	.9714	----	----	----	----	3	UNCH			
1875	----	----		77.10B/60.00A	77.10B/60.00A		----		71.60 - 1.50	.9549	----	----	----	----	17	UNCH			
1890	----	----		62.80B/46.80A	62.80B/46.80A		----		57.60 - 1.60	.9149	----	----	----	----	1	UNCH			
1895	----	----		58.10B/42.60A	58.10B/42.60A		----		53.10 - 1.70	.8957	----	----	----	----	1	UNCH			
1900	----	----		53.70B/38.40A	53.70B/38.40A		----		48.70 - 1.70	.8757	----	----	1	----	4 +	1			
1905	----	----		49.30B/34.50A	49.30B/34.50A		----		44.40 - 1.80	.8498	----	----	----	----	3	UNCH			
1910	----	----		45.10B/30.80A	45.10B/30.80A		----		40.20 - 1.90	.8208	----	----	----	----	16	UNCH			
1915	27.10	27.10		40.90B/27.10	40.90B/27.10		----		36.20 - 1.90	.7868	----	----	1	----	10 +	1			
1920	27.70	27.70		37.00B/24.00A	37.00B/24.00A		----		32.40 - 1.90	.7484	----	----	10	----	9 +	4			
1925	----	----		33.20B/20.90A	33.20B/20.90A		----		28.80 - 2.00	.7061	----	----	----	----	52	UNCH			
1930	21.00	21.00		29.60B/18.00A	29.60B/18.00A		----		25.40 - 2.00	.6607	----	----	7	----	136 +	2			
1935	18.30	18.30		26.20B/15.40A	26.20B/15.40A		----		22.30 - 2.00	.6119	----	----	4	----	37 +	2			
1940	16.90	16.90		23.20B/13.20A	23.20B/13.20A		----		19.40 - 1.90	.5615	----	----	128	----	174 +	10			
1945	16.10	16.10		20.40B/11.20A	20.40B/11.20A		----		16.80 - 1.80	.5100	----	----	53	----	70 +	3			
1950	13.00	13.00		17.80B/9.40A	17.80B/9.40A		----		14.40 - 1.80	.4586	----	----	371	----	946 +	219			
1955	14.60	14.60		15.30B/*7.90A	15.30B/*7.90A		----		12.30 - 1.70	.4082	----	----	7	----	31 +	4			
1960	8.90	8.90		13.10B/*6.60A	13.10B/*6.60A		----		10.50 - 1.50	.3604	----	----	38	----	108 +	18			
1965	10.50	10.50		11.20B/*5.50A	11.20B/*5.50A		----		8.80 - 1.50	.3140	----	----	8	----	48 +	3			
1970	6.10	6.10		9.50B/*4.50A	9.50B/*4.50A		----		7.40 - 1.30	.2719	----	----	66	----	58 +	4			
1975	7.10	7.10		7.90B/*3.70A	7.90B/*3.70A		----		6.20 - 1.20	.2335	----	----	79	----	140 +	22			
1980	5.00	5.00		6.60B/*3.10A	6.60B/*3.10A		----		5.20 - 1.00	.1996	----	----	18	----	53 +	15			
1985	4.80	4.80		5.50B/*2.60A	5.50B/*2.60A		----		4.30 - 0.90	.1685	----	----	23	----	78 +	2			
1990	2.90	2.90		4.60B/*2.10A	4.60B/*2.10A		----		3.60 - 0.80	.1426	----	----	49	----	129 +	33			
1995	----	----		3.80B/*1.80A	3.80B/*1.80A		----		3.00 - 0.70	.1199	----	----	4	----	31	UNCH			
2000	1.70	1.70		2.60/*1.50	2.60/*1.50		----		2.50 - 0.60	.1005	----	----	1040	----	1037 +	847			
2005	1.70	1.70		2.10/*1.30A	2.10/*1.30A		----		2.10 - 0.50	.0844	----	----	109	----	123 +	103			
2010	1.90	1.90		1.90/*1.10A	1.90/*1.10A		----		1.70 - 0.50	.0690	----	----	9	----	107 +	4			
2015	1.10	1.10		1.10/*0.90A	1.10/*0.90A		----		1.50 - 0.30	.0598	----	----	2	----	13 +	1			
2020	1.20	1.20		1.20/*0.80A	1.20/*0.80A		----		1.20 - 0.30	.0482	----	----	7	----	108 +	6			
2025	0.80	0.80		1.10/*0.70A	1.10/*0.70A		----		1.00 - 0.30	.0400	----	----	19	----	53 +	10			
2030	0.90	0.90		0.90/*0.60A	0.90/*0.60A		----		0.90 - 0.20	.0352	----	----	9	----	33 +	7			
2035	----	----		----/*0.50A	----/*0.50A		----		0.70 - 0.20	.0276	----	----	4	----	14 +	1			
2040	0.50	0.50		0.50/*0.50	0.50/*0.50		----		0.60 - 0.20	.0233	----	----	66	----	75 +	66			
2045	0.40	0.40		0.40/*0.40	0.40/*0.40		----		0.50 - 0.20	.0192	----	----	48	----	96 +	19			
2050	0.50	0.50		0.50/*0.30	0.50/*0.30		----		0.40 - 0.20	.0153	----	----	65	----	76 +	43			
2055	0.40	0.40		0.40/*0.30	0.40/*0.30		----		0.40 - 0.10	.0147	----	----	102	----	113 +	102			
2060	0.40	0.40		0.40/*0.20	0.40/*0.20		----		0.30 - 0.10	.0111	----	----	73	----	169 +	73			
2065	0.30	0.30		0.30/0.30	0.30/0.30		----		0.30 - 0.10	.0107	----	----	90	----	130 +	90			
2070	0.20	0.20		0.20/*0.20	0.20/*0.20		----		0.20 - 0.10	.0072	----	----	281	----	328 +	281			
2075	0.20	0.20		0.20/*0.20	0.20/*0.20		----		0.20 - 0.10	.0070	----	----	71	----	71 +	70			
2080	----	----		----	----		----		0.20 UNCH	.0068	----	----	----	----	56	UNCH			
2085	0.20	0.20		0.20/*0.20	0.20/*0.20		----		0.10 - 0.10	.0035	----	----	17	----	52 -	5			
2090	----	----		----	----		----		0.10 - 0.10	.0026	----	----	----	----	2	UNCH			
2095	0.20	0.20		0.20/*0.10	0.20/*0.10		----		0.10 UNCH	.0019	----	----	10	----	10 -	6			
2100	0.20	0.20		0.20/*0.10	0.20/*0.10		----		0.10 UNCH	.0014	----	----	220	----	773 +	173			
2105	----	----		----	----		----		0.10 UNCH	.0010	----	----	----	----	7	UNCH			
2110	----	----		----	----		----		0.10 UNCH	.0007	----	----	----	----	25	UNCH			
2120	----	----		----	----		----		0.10 UNCH	.0004	----	----	----	----	33	UNCH			
2130	0.20	0.20		0.20/0.20	0.20/0.20		----		0.10 UNCH	.0002	----	----	1	----	17 +	1			
2140	----	----		----	----		----		0.10 UNCH	.0001	----	----	----	----	5	UNCH			
2145	0.10	0.10		#0.10/*0.10	#0.10/*0.10		----		0.10 UNCH	.0000	----	----	50	----	110 +	50			
TOTAL													3180		5957 +	2319			
	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 FEB23	COMEX GOLD OPTIONS																		
1850	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1860	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1875	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1880	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1885	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1890	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1895	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1900	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1905	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1910	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1915	----	----		----	----		----		0.00 UNCH	----	----	----	----	----	0	UNCH			
1920	----	----		----	----		----												

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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													
MAR23														
1200	----	----	----	----	----	0.10	UNCH	----	----	----	----	7730		
1225	----	----	----	----	----	0.10	UNCH	----	----	----	----	95		
1250	----	----	----	----	----	0.10	UNCH	----	----	----	----	504		
1275	----	----	----	----	----	0.10	UNCH	----	----	----	----	130		
1300	----	----	----	----	----	0.10	UNCH	----	----	----	----	2173		
1325	----	----	----	----	----	0.10	UNCH	----	----	----	----	346		
1350	----	----	----	----	----	0.10	UNCH	----	----	----	----	110		
1360	----	----	----	----	----	0.10	UNCH	----	----	----	----	1		
1370	----	----	----	----	----	0.10	UNCH	----	----	----	----	91		
1375	----	----	----	----	----	0.10	UNCH	----	----	----	----	46		
1380	----	----	----	----	----	0.10	UNCH	----	----	----	----	110		
1390	----	----	----	----	----	0.10	UNCH	----	----	----	----	66		
1400	----	----	----	----	----	0.10	UNCH	----	----	----	----	1170		
1410	----	----	----	----	----	0.10	UNCH	----	----	----	----	132		
1420	----	----	----	----	----	0.10	UNCH	----	----	----	----	40		
1425	----	----	----	----	----	0.10	UNCH	----	----	----	----	81		
1430	----	----	----	----	----	0.10	UNCH	----	----	----	----	49		
1440	----	----	----	----	----	0.10	UNCH	----	----	----	----	159		
1450	----	----	----	----	----	0.10	UNCH	----	----	----	----	430		
1460	----	----	----	----	----	0.10	UNCH	----	----	----	----	587		
1465	----	----	----	----	----	0.10	UNCH	----	----	----	----	86		
1470	----	----	----	----	----	0.10	UNCH	----	----	----	----	179		
1475	----	----	----	----	----	0.10	UNCH	----	----	----	----	52		
1480	----	----	----	----	----	0.10	UNCH	----	----	----	----	165		
1485	----	----	----	----	----	0.10	UNCH	----	----	----	----	68		
1490	----	----	----	----	----	0.10	UNCH	----	----	----	----	41		
1495	----	----	----	----	----	0.10	UNCH	----	----	----	----	30		
1500	----	----	----	----	----	0.10	UNCH	----	1	----	----	1731		
1505	----	----	----	----	----	0.10	UNCH	----	----	----	----	52		
1510	----	----	----	----	----	0.10	UNCH	----	----	----	----	114		
1515	----	----	----	----	----	0.10	UNCH	----	----	----	----	207		
1520	----	----	----	----	----	0.10	UNCH	----	----	----	----	116		
1525	----	----	----	----	----	0.10	UNCH	----	----	----	----	410		
1530	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	39		
1535	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	64		
1540	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	35		
1545	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	24		
1550	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	216		
1555	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	37		
1560	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	286		
1565	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	73		
1570	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	463		
1575	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	686		
1580	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	225		
1585	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10	UNCH	.0000	----	2	----	63		
1590	----	----	----	----	----	0.10	UNCH	.0001	----	----	----	177		
1595	----	----	----	----	----	0.10	UNCH	.0001	----	----	----	161		
1600	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10	UNCH	.0001	----	51	127	6303 -		
1605	----	----	----	----	----	0.10	UNCH	.0002	----	----	----	97		
1610	----	----	----	----	----	0.10	UNCH	.0002	----	----	----	54		
1615	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10	UNCH	.0003	----	5	----	113 +		
1620	----	----	----	----	----	0.10	UNCH	.0004	----	----	----	391		
1625	----	----	----	----	----	0.10	UNCH	.0004	----	----	----	268		
1630	0.10	0.10	0.10/*0.10	0.10/*0.10	----	0.10	UNCH	.0006	----	19	----	581 -		
1635	0.10	0.10	0.10/*0.10	0.10/*0.10	----	0.10	UNCH	.0007	----	20	----	468 -		
1640	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10	UNCH	.0008	----	2	----	579		
1645	----	----	----	----	----	0.10	UNCH	.0010	----	----	----	151		
1650	0.20	0.20	0.20/0.20	0.20/0.20	----	0.10	UNCH	.0012	----	5	----	3632 -		
1655	----	----	----	----	----	0.10	UNCH	.0015	----	----	----	142		
1660	----	----	----	----	----	0.10	UNCH	.0018	----	1	----	55		
1665	----	----	----	----	----	0.10	UNCH	.0021	----	----	----	157		
1670	----	----	----	----	----	0.10	UNCH	.0025	----	----	----	148		
1675	----	----	----	----	----	0.20 +	0.10	.0046	----	8	----	617		
1680	0.20	0.20	0.20/0.20	0.20/0.20	----	0.20 +	0.10	.0047	----	580	----	1200 -		
1685	----	----	----	----	----	0.20	UNCH	.0048	----	----	----	131		
1690	0.20	0.20	0.20/0.20	0.20/0.20	----	0.20	UNCH	.0049	----	4	----	986 -		
1695	----	----	----	----	----	0.20	UNCH	.0050	----	----	----	112		
1700	----	----	----	----	----	0.20	UNCH	.0051	----	40	----	2985		
1705	----	----	----	----	----	0.20	UNCH	.0052	----	----	----	100		
1710	----	----	----	----	----	0.20	UNCH	.0053	----	----	----	92		
1715	----	----	----	----	----	0.20 -	0.10	.0054	----	----	----	125		
1720	----	----	----	----	----	0.20 -	0.10	.0055	----	----	----	363		
1725	0.30	0.30	0.30/0.30	0.30/0.30	----	0.30	UNCH	.0078	----	21	----	4801 -		
1730	----	----	----	----	----	0.30	UNCH	.0080	----	----	----	48		
1735	----	----	-----/0.30A	-----/0.30A	----	0.30 -	0.10	.0082	----	----	----	89		
1740	0.40	0.40	0.40/*0.30	0.40/*0.30	----	0.30 -	0.10	.0083	----	12	----	309 -		
1745	----	----	----	----	----	0.30 -	0.10	.0085	----	----	----	423		
1750	----	----	-----/0.40A	-----/0.40A	----	0.40 -	0.10	.0110	----	26	----	1893 +		
1755	----	----	-----/0.40A	-----/0.40A	----	0.40 -	0.10	.0112	----	----	----	235		
1760	----	----	----	----	----	0.40 -	0.10	.0115	----	3	----	228 +		
1765	0.50	0.50	0.50/0.50	0.50/0.50	----	0.50 -	0.10	.0141	----	1	----	78 +		
1770	----	----	-----/0.60A	-----/0.60A	----	0.60 -	0.10	.0166	----	2	----	508 +		
1775	----	----	-----/0.60A	-----/0.60A	----	0.60 -	0.10	.0170	----	6	----	1342 +		
1780	----	----	-----/0.70A	-----/0.70A	----	0.70 -	0.10	.0197	----	----	----	92		
1785	0.70	0.70	0.90B/*0.70	0.90B/*0.70	----	0.80 -	0.10	.0223	----	13	----	220 -		
1790	0.90	0.90	1.00B/*0.80A	1.00B/*0.80A	----	0.80 -	0.20	.0229	----	14	----	126 +		
1795	1.10	1.10	1.10/*0.90A	1.10/*0.90A	----	0.90 -	0.20	.0257	----	2	----	75		
1800	1.30	1.30	1.30/*0.90	1.30/*0.90	----	1.10 -	0.10	.0307	----	113	----	6210 -		
1805	1.10	1.10	1.40B/*1.10	1.40B/*1.10	----	1.20 -	0.20	.0336	----	5	----	80		
1810	1.40	1.40	1.70/*1.20A	1.70/*1.20A	----	1.40 -	0.10	.0387	----	8	----	1398 -		
1815	----	----	1.90B/*1.40A	1.90B/*1.40A	----	1.60 -	0.10	.0438	----	----	----	418		
1820	2.00	2.00	2.10B/*1.50	2.10B/*1.50	----	1.80 -	0.10	.0490	----	6	----	473 -		
1825	2.20	2.20	2.50B/*1.70A	2.50B/*1.70A	----	2.00 -	0.20	.0543	----	10	----	596		
1830	2.30	2.30	2.80B/2.00A	2.80B/2.00A	----	2.30 -	0.20	.0615	----	4	----	377 -		
1835	2.90	2.90	3.20B/*2.20A	3.20B/*2.20A	----	2.60 -	0.20	.0689	----	5	----	166 +		
1840	2.90	2.90	3.60B/2.50A	3.60B/2.50A	----	2.90 -								

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														
MAR23	----	----	123.30B/107.80A	123.30B/107.80A	----	113.00 + 0.70	.9038	----	----	----	----	12	UNCH		
2055	----	----	128.10B/112.40A	128.10B/112.40A	----	117.60 + 0.70	.9111	----	----	----	----	2	UNCH		
2060	131.70	131.70	143.40B/126.40A	143.40B/126.40A	----	131.80 + 0.80	.9306	----	----	1	----	16 +	1		
2075			147.20B/131.70A	147.20B/131.70A	----	136.50 + 0.70	.9357	----	----	----	1	UNCH			
2080			161.80B/145.90A	161.80B/145.90A	----	151.00 + 0.80	.9504	----	----	----	1	UNCH			
2095			167.60B/150.40A	167.60B/150.40A	----	155.80 + 0.80	.9533	----	----	----	7	UNCH			
2100			192.20B/174.70A	192.20B/174.70A	----	180.30 + 1.00	.9688	----	----	----	4	UNCH			
2125			216.90B/199.30A	216.90B/199.30A	----	204.90 + 1.00	.9792	----	----	----	10	UNCH			
2150			242.00B/224.00A	242.00B/224.00A	----	229.60 + 1.00	.9849	----	----	----	7	UNCH			
2175			266.60B/248.90A	266.60B/248.90A	----	254.50 + 1.00	.9880	----	----	----	8	UNCH			
2200			465.40B/449.10A	465.40B/449.10A	----	454.40 + 1.10	.9974	----	----	----	4	UNCH			
2400			----	----	----	----	----	----	----	----	4768	127	77870 -	351	
TOTAL			----	----	----	----	----	----	----	----	----	----	----	----	----
APR23			----	----	----	----	----	0.10 UNCH	----	----	----	----	----	112	UNCH
1100			----	----	----	----	----	0.10 UNCH	----	----	----	----	----	11	UNCH
1125			----	----	----	----	----	0.10 UNCH	----	----	----	----	----	60	UNCH
1150			----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	197	UNCH
1175	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	2083	UNCH		
1200	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	230	UNCH		
1250	----	----	----	----	----	0.10 UNCH	.0001	----	----	----	----	37	UNCH		
1275	----	----	----	----	----	0.10 UNCH	.0002	----	----	14	----	663 +	12		
1300	----	----	----	----	----	0.10 UNCH	.0004	----	----	----	----	72	UNCH		
1325	----	----	----	----	----	0.10 UNCH	.0007	----	----	----	----	507	UNCH		
1350	----	----	----	----	----	0.10 UNCH	.0009	----	----	----	----	239	UNCH		
1360	----	----	----	----	----	0.10 UNCH	.0011	----	----	----	----	1	UNCH		
1370	----	----	----	----	----	0.10 UNCH	.0012	----	----	----	----	112	UNCH		
1375	----	----	----	----	----	0.20 + 0.10	.0022	----	----	----	----	14	UNCH		
1380	----	----	----	----	----	0.20 + 0.10	.0023	----	----	----	----	2	UNCH		
1390	----	----	----	----	----	0.20 + 0.10	.0023	----	----	----	----	311	UNCH		
1400	----	----	----	----	----	0.20 + 0.10	.0024	----	----	----	----	70	UNCH		
1410	----	----	----	----	----	0.20 + 0.10	.0024	----	----	----	----	3	UNCH		
1420	----	----	----	----	----	0.20 + 0.10	.0025	----	----	----	----	304	UNCH		
1425	----	----	----	----	----	0.20 + 0.10	.0025	----	----	----	----	19	UNCH		
1430	----	----	----	----	----	0.20 + 0.10	.0025	----	----	----	----	51	UNCH		
1440	----	----	----	----	----	0.20 + 0.10	.0026	----	----	----	----	90	UNCH		
1450	----	----	----	----	----	0.20 + 0.10	.0026	----	----	----	----	131	UNCH		
1460	----	----	----	----	----	0.20 + 0.10	.0027	----	----	----	----	5	UNCH		
1465	----	----	----	----	----	0.20 + 0.10	.0027	----	----	----	----	102	UNCH		
1470	----	----	----	----	----	0.20 + 0.10	.0027	----	----	1	----	563	UNCH		
1475	----	----	----	----	----	0.20 + 0.10	.0028	----	----	----	----	115	UNCH		
1480	----	----	----	----	----	0.20 + 0.10	.0028	----	----	----	----	33	UNCH		
1485	----	----	----	----	----	0.20 + 0.10	.0028	----	----	----	----	87	UNCH		
1490	----	----	----	----	----	0.20 + 0.10	.0028	----	----	----	----	12	UNCH		
1500	0.20	0.20	0.20/0.20	0.20/0.20	----	0.20 UNCH	.0029	----	----	25	----	1718 +	12		
1505	----	----	----	----	----	0.20 UNCH	.0029	----	----	----	----	42	UNCH		
1510	----	----	----	----	----	0.20 UNCH	.0030	----	----	----	----	22	UNCH		
1515	0.20	0.20	0.20/0.20	0.20/0.20	----	0.20 UNCH	.0030	----	----	1	----	146	UNCH		
1520	----	----	----	----	----	0.20 UNCH	.0030	----	----	23	----	58 +	17		
1525	----	----	----	----	----	0.20 UNCH	.0031	----	----	----	----	151	UNCH		
1530	----	----	----	----	----	0.20 UNCH	.0031	----	----	----	----	42	UNCH		
1535	----	----	----	----	----	0.20 UNCH	.0031	----	----	----	----	139	UNCH		
1540	----	----	----	----	----	0.20 UNCH	.0032	----	----	----	----	106	UNCH		
1545	0.20	0.20	0.20/0.20	0.20/0.20	----	0.20 - 0.10	.0032	----	----	3	----	17	UNCH		
1550	0.30	0.30	0.30/0.30	0.30/0.30	----	0.20 - 0.10	.0033	----	----	12	----	631	UNCH		
1555	----	----	----	----	----	0.20 - 0.10	.0033	----	----	----	----	114	UNCH		
1560	----	----	----	----	----	0.20 - 0.10	.0033	----	----	2	----	69	UNCH		
1565	----	----	----	----	----	0.30 UNCH	.0048	----	----	----	----	59	UNCH		
1570	----	----	----	----	----	0.30 UNCH	.0048	----	----	----	----	48	UNCH		
1575	----	----	----	----	----	0.30 UNCH	.0049	----	----	----	----	434	UNCH		
1580	0.30	0.30	0.30/0.30	0.30/0.30	----	0.30 UNCH	.0050	----	----	7	----	115 -	7		
1585	----	----	----	----	----	0.30 UNCH	.0050	----	----	1	----	28	UNCH		
1590	0.40	0.40	0.40/0.40	0.40/0.40	----	0.30 - 0.10	.0051	----	----	3	----	249 -	3		
1595	----	----	*/0.30A	*/0.30A	----	0.30 - 0.10	.0052	----	----	2	----	46 -	2		
1600	0.30	0.30	0.30/*0.30	0.30/*0.30	----	0.40 UNCH	.0066	----	----	38	----	1503 -	36		
1605	----	----	----	----	----	0.40 UNCH	.0067	----	----	1	----	28	UNCH		
1610	0.30	0.30	0.30/*0.30	0.30/*0.30	----	0.40 UNCH	.0068	----	----	31	----	130 +	30		
1615	----	----	----	----	----	0.40 UNCH	.0069	----	----	----	----	13	UNCH		
1620	0.50	0.50	0.50/0.40	0.50/0.40	----	0.40 UNCH	.0070	----	----	12	----	113 +	5		
1625	----	----	----	----	----	0.40 - 0.10	.0071	----	----	----	----	435	UNCH		
1630	----	----	----	----	----	0.50 UNCH	.0087	----	----	2	----	211 -	2		
1635	----	----	----	----	----	0.50 UNCH	.0088	----	----	----	----	8	UNCH		
1640	0.50	0.50	0.50/0.50	0.50/0.50	----	0.50 UNCH	.0089	----	----	4	----	39 +	1		
1645	----	----	*/0.50A	*/0.50A	----	0.50 - 0.10	.0091	----	----	----	----	45	UNCH		
1650	0.60	0.60	0.60/*0.50	0.60/*0.50	----	0.50 - 0.10	.0092	----	----	15	----	1473 -	9		
1655	----	----	----	----	----	0.60 UNCH	.0108	----	----	----	----	37	UNCH		
1660	0.50	0.50	0.70/*0.50	0.70/*0.50	----	0.60 - 0.10	.0110	----	----	30	----	548 +	2		
1665	0.60	0.60	0.70/*0.60	0.70/*0.60	----	0.60 - 0.10	.0112	----	----	3	----	50	UNCH		
1670	0.70	0.70	0.70/*0.70	0.70/*0.70	----	0.70 - 0.10	.0128	----	----	9	----	66 +	5		
1675	0.80	0.80	0.80/0.70	0.80/0.70	----	0.70 - 0.10	.0130	----	----	11	----	258 +	7		
1680	0.80	0.80	0.80/0.80	0.80/0.80	----	0.80 - 0.10	.0147	----	----	5	----	96 -	1		
1685	----	----	/0.90A	/0.90A	----	0.90 - 0.10	.0164	----	----	----	----	80	UNCH		
1690	----	----	*/0.90A	*/0.90A	----	0.90 - 0.10	.0167	----	----	3	----	106	UNCH		
1695	----	----	*/1.00A	*/1.00A	----	1.00 - 0.10	.0184	----	----	1	----	93 -	1		
1700	1.10	1.10	1.10/1.10	1.10/1.10	----	1.10 - 0.10	.0201	----	----	10	----	2261 -	1		
1705	1.00	1.00	1.00/*1.00	1.00/*1.00	----	1.20 - 0.10	.0219	----	----	4	----	223 -	1		
1710	----	----	*/1.20A	*/1.20A	----	1.20 - 0.20	.0223	----	----	----	----	1059	UNCH		
1715	1.50	1.50	1.50/1.40A	1.50/1.40A	----	1.30 - 0.20	.0241	----	----						

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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		
OG PUT	COMEX GOLD OPTIONS																	
APR23																		
1970	----	----	----	65.70B/55.50A	65.70B/55.50A	----	----	----	----	58.70 - 0.60	.5737	----	----	----	----	20	UNCH	
1975	----	----	----	69.00B/58.50A	69.00B/58.50A	----	----	----	----	61.80 - 0.50	.5907	----	----	----	----	29	UNCH	
1980	----	----	----	72.40B/61.60A	72.40B/61.60A	----	----	----	----	65.00 - 0.50	.6073	----	----	7	----	22	+	
1985	----	----	----	75.90B/64.80A	75.90B/64.80A	----	----	----	----	68.30 - 0.40	.6236	----	----	2	----	7	+	
1990	----	----	----	79.50B/68.00A	79.50B/68.00A	----	----	----	----	71.60 - 0.50	.6395	----	----	----	----	11	UNCH	
1995	----	----	----	83.10B/71.40A	83.10B/71.40A	----	----	----	----	75.10 - 0.40	.6548	----	----	----	----	47	UNCH	
2000	77.40	77.40	----	86.80B/74.80A	86.80B/74.80A	----	----	----	----	78.60 - 0.30	.6701	----	57	----	----	82	+	
2005	----	----	----	90.50B/78.30A	90.50B/78.30A	----	----	----	----	82.10 - 0.40	.6848	----	----	----	----	12	UNCH	
2010	----	----	----	94.40B/81.90A	94.40B/81.90A	----	----	----	----	85.80 - 0.30	.6990	----	----	----	----	27	UNCH	
2015	----	----	----	98.30B/85.50A	98.30B/85.50A	----	----	----	----	89.50 - 0.30	.7131	----	----	----	----	21	UNCH	
2020	----	----	----	102.30B/89.20A	102.30B/89.20A	----	----	----	----	93.30 - 0.30	.7266	----	----	----	----	43	UNCH	
2025	----	----	----	106.30B/93.00A	106.30B/93.00A	----	----	----	----	97.20 - 0.20	.7394	----	----	----	----	243	UNCH	
2030	----	----	----	110.40B/96.90A	110.40B/96.90A	----	----	----	----	101.10 - 0.20	.7515	----	----	----	----	22	UNCH	
2035	----	----	----	114.50B/100.80A	114.50B/100.80A	----	----	----	----	105.10 - 0.10	.7635	----	----	----	----	11	UNCH	
2040	105.60	105.60	----	118.70B/104.70A	118.70B/104.70A	----	----	----	----	109.10 - 0.10	.7747	----	2	----	----	16	+	
2045	----	----	----	122.90B/108.80A	122.90B/108.80A	----	----	----	----	113.20 - 0.10	.7859	----	----	----	----	34	UNCH	
2050	----	----	----	127.20B/112.90A	127.20B/112.90A	----	----	----	----	117.40 UNCH	.7962	----	1	----	----	20	UNCH	
2055	----	----	----	131.50B/117.00A	131.50B/117.00A	----	----	----	----	121.60 + 0.10	.8064	----	----	----	----	18	UNCH	
2060	----	----	----	135.90B/121.20A	135.90B/121.20A	----	----	----	----	125.80 UNCH	.8157	----	----	----	----	22	UNCH	
2065	----	----	----	140.30B/125.50A	140.30B/125.50A	----	----	----	----	130.10 + 0.10	.8250	----	----	----	----	12	UNCH	
2070	----	----	----	144.70B/129.80A	144.70B/129.80A	----	----	----	----	134.50 + 0.20	.8333	----	----	----	----	16	UNCH	
2075	----	----	----	149.20B/134.10A	149.20B/134.10A	----	----	----	----	138.90 + 0.30	.8416	----	----	----	----	10	UNCH	
2080	----	----	----	153.70B/138.40A	153.70B/138.40A	----	----	----	----	143.30 + 0.30	.8498	----	----	----	----	5	UNCH	
2085	----	----	----	158.30B/142.90A	158.30B/142.90A	----	----	----	----	147.70 + 0.30	.8570	----	----	----	----	8	UNCH	
2090	----	----	----	162.90B/147.30A	162.90B/147.30A	----	----	----	----	152.20 + 0.40	.8641	----	----	----	----	7	UNCH	
2095	----	----	----	167.50B/151.80A	167.50B/151.80A	----	----	----	----	156.70 + 0.40	.8711	----	----	----	----	11	UNCH	
2100	----	----	----	172.10B/156.30A	172.10B/156.30A	----	----	----	----	161.30 + 0.50	.8772	----	----	----	----	18	UNCH	
2105	----	----	----	176.70B/160.80A	176.70B/160.80A	----	----	----	----	165.90 + 0.50	.8831	----	----	----	----	16	UNCH	
2110	178.70	178.70	----	181.40B/165.40A	181.40B/165.40A	----	----	----	----	170.50 + 0.60	.8890	----	1	----	----	6	-	
2115	----	----	----	186.10B/170.00A	186.10B/170.00A	----	----	----	----	175.10 + 0.60	.8948	----	----	----	----	5	UNCH	
2120	----	----	----	190.10B/174.60A	190.10B/174.60A	----	----	----	----	179.70 + 0.60	.8996	----	----	----	----	6	UNCH	
2125	192.80	192.80	----	195.60B/179.30A	195.60B/179.30A	----	----	----	----	184.40 + 0.70	.9042	----	1	----	----	13	-	
2130	----	----	----	199.50B/183.90A	199.50B/183.90A	----	----	----	----	189.10 + 0.70	.9089	----	----	----	----	10	UNCH	
2135	----	----	----	204.30B/189.20A	204.30B/189.20A	----	----	----	----	193.80 + 0.70	.9134	----	----	----	----	9	UNCH	
2140	----	----	----	208.90B/193.70A	208.90B/193.70A	----	----	----	----	198.50 + 0.70	.9180	----	----	----	----	8	UNCH	
2145	----	----	----	213.80B/198.60A	213.80B/198.60A	----	----	----	----	203.20 + 0.70	.9213	----	----	----	----	5	UNCH	
2150	212.10	212.10	----	219.40B/202.80A	219.40B/202.80A	----	----	----	----	208.00 + 0.80	.9258	----	1	----	----	24	UNCH	
2155	----	----	----	223.30B/208.10A	223.30B/208.10A	----	----	----	----	212.80 + 0.90	.9291	----	----	----	----	3	UNCH	
2170	----	----	----	237.80B/222.40A	237.80B/222.40A	----	----	----	----	227.10 + 0.80	.9387	----	----	----	----	6	UNCH	
2175	----	----	----	243.60B/226.70A	243.60B/226.70A	----	----	----	----	231.90 + 0.80	.9407	----	----	----	----	5	UNCH	
2200	----	----	----	267.90B/250.80A	267.90B/250.80A	----	----	----	----	256.20 + 1.00	.9536	----	----	----	----	83	UNCH	
2225	----	----	----	292.50B/275.20A	292.50B/275.20A	----	----	----	----	280.60 + 1.00	.9636	----	----	----	----	7	UNCH	
2240	----	----	----	306.20B/290.50A	306.20B/290.50A	----	----	----	----	295.30 NEW	.9673	----	8	----	----	8	+	
2250	----	----	----	317.10B/299.70A	317.10B/299.70A	----	----	----	----	305.10 + 1.00	.9705	----	----	----	----	18	UNCH	
2275	----	----	----	341.70B/324.30A	341.70B/324.30A	----	----	----	----	329.80 + 1.00	.9759	----	----	----	----	2	UNCH	
2300	----	----	----	366.60B/349.10A	366.60B/349.10A	----	----	----	----	354.60 + 1.00	.9811	----	----	----	----	23	UNCH	
2350	----	----	----	416.40B/398.70A	416.40B/398.70A	----	----	----	----	404.40 + 1.10	.9868	----	----	----	----	1	UNCH	
2400	----	----	----	465.20B/449.30A	465.20B/449.30A	----	----	----	----	454.40 + 1.10	.9923	----	----	----	----	37	UNCH	
2550	----	----	----	615.10B/599.30A	615.10B/599.30A	----	----	----	----	604.40 NEW	.9991	----	8	----	----	8	+	
3000	----	----	----	1,064.90B/1,049.50A	1064.90B/1049.50A	----	----	----	----	1054.40 + 1.10	1.0000	----	----	2228	650	45414	+	
TOTAL																		
MAY23																		
1050	----	----	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	3	UNCH	
1200	----	----	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	50	UNCH	
1300	----	----	----	----	----	----	----	----	----	0.10 UNCH	.0002	----	----	----	----	27	UNCH	
1325	----	----	----	----	----	----	----	----	----	0.10 UNCH	.0004	----	----	----	----	38	UNCH	
1350	----	----	----	----	----	----	----	----	----	0.10 UNCH	.0006	----	65	----	----	150	UNCH	
1375	----	----	----	----	----	----	----	----	----	0.10 UNCH	.0011	----	----	----	----	50	UNCH	
1380	----	----	----	----	----	----	----	----	----	0.10 UNCH	.0012	----	----	----	----	2	UNCH	
1390	----	----	----	----	----	----	----	----	----	0.20 + 0.10	.0023	----	----	----	----	16	UNCH	
1400	----	----	----	----	----	----	----	----	----	0.20 + 0.10	.0024	----	----	----	----	151	UNCH	
1410	----	----	----	----	----	----	----	----	----	0.20 + 0.10	.0024	----	----	----	----	131	UNCH	
1420	----	----	----	----	----	----	----	----	----	0.20 UNCH	.0025	----	----	----	----	140	UNCH	
1425	----	----	----	----	----	----	----	----	----	0.20 UNCH	.0025	----	----	----	----	127	UNCH	
1430	----	----	----	----	----	----	----	----	----	0.20 UNCH								

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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																	
MAY23																		
1835	----	----		15.10B/12.70A	15.10B/12.70A	----			13.40 - 0.40	.1666	----	----	----	----	154	UNCH		
1840	14.20	14.20		16.00B/13.50A	16.00B/13.50A	----			14.30 - 0.40	.1758	----	----	2	----	210	- 1		
1845	----	----		17.10B/14.40A	17.10B/14.40A	----			15.20 - 0.40	.1850	----	----	----	----	3	UNCH		
1850	----	----		18.20B/15.30A	18.20B/15.30A	----			16.10 - 0.50	.1943	----	----	14	----	264	+ 14		
1860	----	----		20.50B/17.20A	20.50B/17.20A	----			18.20 - 0.50	.2148	----	----	----	----	122	UNCH		
1865	----	----		21.80B/18.30A	21.80B/18.30A	----			19.40 - 0.40	.2258	----	----	----	----	21	UNCH		
1870	22.30	22.30		23.10B/19.40A	23.10B/19.40A	----			20.50 - 0.50	.2364	----	----	5	----	60	+ 3		
1875	----	----		24.50B/20.60A	24.50B/20.60A	----			21.80 - 0.50	.2480	----	----	----	----	171	UNCH		
1880	23.70	23.70		26.00B/21.90A	26.00B/21.90A	----			23.10 - 0.50	.2597	----	----	2	----	51	UNCH		
1885	----	----		27.50B/23.20A	27.50B/23.20A	----			24.50 - 0.50	.2718	----	----	----	----	306	UNCH		
1890	----	----		29.20B/24.60A	29.20B/24.60A	----			26.00 - 0.50	.2843	----	----	----	----	301	UNCH		
1895	----	----		30.80B/26.00A	30.80B/26.00A	----			27.50 - 0.60	.2968	----	----	----	----	63	UNCH		
1900	----	----		32.60B/27.50A	32.60B/27.50A	----			29.10 - 0.60	.3097	----	----	----	----	589	UNCH		
1905	----	----		34.40B/29.10A	34.40B/29.10A	----			30.70 - 0.70	.3227	----	----	----	----	251	UNCH		
1910	----	----		36.40B/30.80A	36.40B/30.80A	----			32.50 - 0.60	.3368	----	----	----	----	106	UNCH		
1915	----	----		38.40B/32.60A	38.40B/32.60A	----			34.30 - 0.70	.3498	----	----	----	----	4	UNCH		
1920	----	----		40.50B/34.40A	40.50B/34.40A	----			36.20 - 0.70	.3637	----	----	1	----	4	+		
1925	39.60	39.60		42.70B/36.30A	42.70B/36.30A	----			38.20 - 0.70	.3777	----	----	1	----	320	+		
1930	43.10	43.10		44.90B/38.30A	44.90B/38.30A	----			40.30 - 0.70	.3919	----	----	2	----	5	+		
1935	----	----		47.30B/40.30A	47.30B/40.30A	----			42.50 - 0.70	.4062	----	----	----	----	1	UNCH		
1940	----	----		49.60B/42.50A	49.60B/42.50A	----			44.70 - 0.70	.4205	----	----	----	----	6	UNCH		
1945	----	----		52.10B/44.80A	52.10B/44.80A	----			47.00 - 0.70	.4349	----	----	----	----	76	UNCH		
1950	----	----		54.70B/47.10A	54.70B/47.10A	----			49.50 - 0.60	.4494	----	----	----	----	123	UNCH		
1955	----	----		57.40B/49.40A	57.40B/49.40A	----			52.00 - 0.60	.4639	----	----	----	----	3	UNCH		
1960	----	----		60.10B/51.90A	60.10B/51.90A	----			54.50 - 0.70	.4783	----	----	5	----	19	UNCH		
1965	----	----		63.00B/54.50A	63.00B/54.50A	----			57.20 - 0.60	.4927	----	----	----	----	44	+		
1970	----	----		65.90B/57.10A	65.90B/57.10A	----			59.90 - 0.60	.5069	----	----	----	----	74	UNCH		
1975	----	----		68.90B/59.80A	68.90B/59.80A	----			62.70 - 0.50	.5211	----	----	2	----	11	+		
1980	----	----		71.90B/62.60A	71.90B/62.60A	----			65.50 - 0.50	.5352	----	----	----	----	2	UNCH		
1985	----	----		75.00B/65.50A	75.00B/65.50A	----			68.50 - 0.50	.5490	----	----	----	----	1	UNCH		
1990	----	----		78.20B/68.40A	78.20B/68.40A	----			71.50 - 0.50	.5629	----	----	----	----	4	UNCH		
1995	----	----		81.50B/71.40A	81.50B/71.40A	----			74.50 - 0.60	.5765	----	----	----	----	3	UNCH		
2000	----	----		84.80B/74.50A	84.80B/74.50A	----			77.70 - 0.60	.5898	----	----	----	----	7	UNCH		
2005	----	----		88.10B/77.60A	88.10B/77.60A	----			80.90 - 0.60	.6029	----	----	----	----	5	UNCH		
2010	----	----		91.50B/80.80A	91.50B/80.80A	----			84.20 - 0.60	.6159	----	----	----	----	6	UNCH		
2015	----	----		95.10B/84.10A	95.10B/84.10A	----			87.60 - 0.50	.6285	----	----	----	----	3	UNCH		
2020	----	----		98.60B/87.40A	98.60B/87.40A	----			91.00 - 0.50	.6408	----	----	----	----	7	UNCH		
2025	----	----		102.30B/90.90A	102.30B/90.90A	----			94.50 - 0.50	.6530	----	----	----	----	9	UNCH		
2030	----	----		106.00B/94.30A	106.00B/94.30A	----			98.10 - 0.40	.6649	----	----	----	----	5	UNCH		
2035	----	----		109.80B/97.90A	109.80B/97.90A	----			101.70 - 0.30	.6762	----	----	----	----	5	UNCH		
2040	----	----		113.60B/101.50A	113.60B/101.50A	----			105.30 - 0.40	.6875	----	----	----	----	11	UNCH		
2045	----	----		117.50B/105.10A	117.50B/105.10A	----			109.10 - 0.20	.6984	----	----	----	----	8	UNCH		
2050	----	----		121.40B/108.80A	121.40B/108.80A	----			112.90 - 0.20	.7091	----	----	----	----	14	UNCH		
2055	----	----		125.40B/112.60A	125.40B/112.60A	----			116.70 - 0.20	.7193	----	----	----	----	14	UNCH		
2060	----	----		129.40B/116.40A	129.40B/116.40A	----			120.60 - 0.10	.7295	----	----	----	----	12	UNCH		
2065	----	----		133.40B/120.30A	133.40B/120.30A	----			124.50 - 0.20	.7396	----	----	----	----	10	UNCH		
2070	----	----		137.50B/124.20A	137.50B/124.20A	----			128.50 - 0.10	.7491	----	----	----	----	5	UNCH		
2075	----	----		141.60B/128.20A	141.60B/128.20A	----			132.50 - 0.10	.7581	----	----	----	----	2	UNCH		
2080	----	----		145.80B/132.20A	145.80B/132.20A	----			136.50 - 0.20	.7670	----	----	----	----	3	UNCH		
2085	----	----		150.00B/136.30A	150.00B/136.30A	----			140.60 - 0.10	.7758	----	----	----	----	1	UNCH		
2090	----	----		154.30B/140.40A	154.30B/140.40A	----			144.80 - 0.10	.7840	----	----	----	----	3	UNCH		
2095	----	----		158.60B/144.50A	158.60B/144.50A	----			149.00 UNCH	.7922	----	----	----	----	2	UNCH		
2100	----	----		162.90B/148.70A	162.90B/148.70A	----			153.20 UNCH	.7996	----	----	----	----	7	UNCH		
2105	----	----		167.30B/152.90A	167.30B/152.90A	----			157.40 UNCH	.8070	----	----	----	----	3	UNCH		
2110	----	----		171.70B/157.10A	171.70B/157.10A	----			161.70 UNCH	.8144	----	----	----	----	2	UNCH		
2115	----	----		176.10B/161.40A	176.10B/161.40A	----			166.10 + 0.10	.8217	----	----	----	----	4	UNCH		
2125	----	----		185.00B/170.10A	185.00B/170.10A	----			174.80 + 0.20	.8348	----	----	----	----	2	UNCH		
2130	----	----		189.50B/174.50A	189.50B/174.50A	----			179.20 + 0.20	.8406	----	----	----	----	2	UNCH		
2145	----	----		203.10B/187.80A	203.10B/187.80A	----			192.60 + 0.30	.8576	----	----	----	----	1	UNCH		
2150	----	----		207.70B/192.30A	207.70B/192.30A	----			197.10 + 0.30	.8632	----	----	----	----	3	UNCH		
2175	----	----		230.90B/215.00A	230.90B/215.00A	----			220.00 + 0.60	.8867	----	----	----	----	2	UNCH		
2190	----	----		244.00B/228.90A	244.00B/228.90A	----			234.00 + 0.70	.8980	----	----	----	----	1	UNCH		
2195	----	----		248.70B/233.60A	248.70B/233.60A	----			238.70 + 0.80	.9016	----	----	----	----	1	UNCH		
2200	----	----		254.40B/238.30A	254.40B/238.30A	----			243.30 + 0.70	.9053	----	----	----	----	5	UNCH		
2225	----	----		278.30B/261.80A	278.30B/261.80A	----			267.00 + 0.90	.9213	----	----	----	----	6	UNCH		
2250	----	----		302.40B/285.70A	302.40B/285.70A	----			290.80 + 0.90	.9351	----	----	----	----	9	UNCH		
2275	----	----		326.70B/309.80A	326.70B/309.80A	----			315.00 + 1.00	.9456	----	----	----	----	3	UNCH		
2300	----	----		351.10B/334.10A	351.10B/334.10A	----			339.40 + 1.10	.9538	----	----	----	----	15	UNCH		
2350	----	----		400.30B/383.1														

BULLETIN # 18@		METALS OPTION PRODUCTS										Fri, Jan 27, 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																
1695	----	----	----	----/*4.40A	----/*4.40A	----	----	----	4.50 - 0.20	.0535	----	----	1	----	15 +	1
1700	4.80	4.80	----	4.80/*4.50	4.80/*4.50	----	----	----	4.70 - 0.30	.0559	----	----	5	----	1761 +	4
1705	----	----	----	----/*4.90A	----/*4.90A	----	----	----	5.00 - 0.30	.0591	----	----	----	----	7	UNCH
1710	----	----	----	----/5.20A	----/5.20A	----	----	----	5.30 - 0.30	.0623	----	----	4	----	101 +	2
1715	5.60	5.60	----	6.00B/5.50A	6.00B/5.50A	----	----	----	5.60 - 0.30	.0656	----	1	----	8	UNCH	
1720	----	----	----	6.40B/*5.70A	6.40B/*5.70A	----	----	----	5.90 - 0.30	.0689	----	----	----	46	UNCH	
1725	5.90	5.90	----	6.80B/*5.90	6.80B/*5.90	----	----	----	6.20 - 0.40	.0722	----	10	----	1567 +	8	
1730	----	----	----	7.20B/*6.40A	7.20B/*6.40A	----	----	----	6.60 - 0.30	.0763	----	----	----	34	UNCH	
1735	----	----	----	7.60B/*6.70A	7.60B/*6.70A	----	----	----	6.90 - 0.40	.0797	----	----	----	59	UNCH	
1740	7.20	7.20	----	8.00B/*7.10A	8.00B/*7.10A	----	----	----	7.30 - 0.40	.0838	----	1	----	43 +	1	
1745	----	----	----	8.50B/7.50A	8.50B/7.50A	----	----	----	7.80 - 0.30	.0887	----	----	----	22	UNCH	
1750	----	----	----	8.90B/7.90A	8.90B/7.90A	----	----	----	8.20 - 0.30	.0929	----	604	----	2342 +	509	
1755	----	----	----	9.40B/8.40A	9.40B/8.40A	----	----	----	8.70 - 0.30	.0978	----	----	----	99	UNCH	
1760	----	----	----	10.00B/8.80A	10.00B/8.80A	----	----	----	9.20 - 0.30	.1028	----	1	----	37	UNCH	
1765	----	----	----	10.60B/9.30A	10.60B/9.30A	----	----	----	9.70 - 0.30	.1078	----	1	----	19 +	1	
1770	----	----	----	11.20B/9.90A	11.20B/9.90A	----	----	----	10.20 - 0.40	.1128	----	----	----	36	UNCH	
1775	----	----	----	11.80B/10.40A	11.80B/10.40A	----	----	----	10.80 - 0.40	.1185	----	----	----	285	UNCH	
1780	----	----	----	12.50B/11.00A	12.50B/11.00A	----	----	----	11.40 - 0.40	.1242	----	----	----	85	UNCH	
1785	----	----	----	13.20B/11.60A	13.20B/11.60A	----	----	----	12.00 - 0.50	.1300	----	----	----	25	UNCH	
1790	13.50	13.50	----	13.90B/12.20A	13.90B/12.20A	----	----	----	12.70 - 0.50	.1364	----	21	----	29 +	11	
1800	----	----	----	15.50B/13.60A	15.50B/13.60A	----	----	----	14.10 - 0.60	.1494	----	602	308	1716 +	694	
1805	----	----	----	16.30B/14.30A	16.30B/14.30A	----	----	----	14.90 - 0.60	.1565	----	----	----	41	UNCH	
1810	----	----	----	17.20B/15.10A	17.20B/15.10A	----	----	----	15.70 - 0.60	.1636	----	20	----	364 -	20	
1815	----	----	----	18.20B/15.90A	18.20B/15.90A	----	----	----	16.60 - 0.60	.1713	----	----	----	10	UNCH	
1820	----	----	----	19.20B/16.80A	19.20B/16.80A	----	----	----	17.50 - 0.60	.1790	----	----	----	506	UNCH	
1825	----	----	----	20.30B/17.70A	20.30B/17.70A	----	----	----	18.40 - 0.70	.1867	----	3	----	7351	UNCH	
1830	----	----	----	21.30B/18.60A	21.30B/18.60A	----	----	----	19.40 - 0.70	.1950	----	----	----	16	UNCH	
1835	----	----	----	22.50B/19.60A	22.50B/19.60A	----	----	----	20.40 - 0.70	.2033	----	----	----	4	UNCH	
1840	22.00	22.00	----	23.60B/20.60A	23.60B/20.60A	----	----	----	21.50 - 0.70	.2121	----	3	----	42 +	2	
1845	----	----	----	24.90B/21.60A	24.90B/21.60A	----	----	----	22.60 - 0.70	.2209	----	----	----	7	UNCH	
1850	24.40	24.40	----	26.10B/22.80A	26.10B/22.80A	----	----	----	23.80 - 0.60	.2301	----	4	----	1498 +	4	
1855	25.20	25.20	----	27.50B/23.90A	27.50B/23.90A	----	----	----	25.00 - 0.60	.2394	----	15	----	207 -	1	
1860	26.50	26.50	----	28.90B/25.20A	28.90B/25.20A	----	----	----	26.30 - 0.50	.2491	----	1	----	175 +	1	
1865	----	----	----	30.30B/26.50A	30.30B/26.50A	----	----	----	27.70 - 0.40	.2592	----	----	----	11	UNCH	
1870	----	----	----	31.90B/27.80A	31.90B/27.80A	----	----	----	29.00 - 0.60	.2690	----	----	----	190	UNCH	
1875	----	----	----	33.50B/29.20A	33.50B/29.20A	----	----	----	30.50 - 0.70	.2795	----	1	----	188 +	1	
1880	----	----	----	35.10B/30.70A	35.10B/30.70A	----	----	----	32.00 - 0.80	.2899	----	----	----	18	UNCH	
1885	----	----	----	36.90B/32.20A	36.90B/32.20A	----	----	----	33.60 - 0.80	.3007	----	----	----	2	UNCH	
1890	----	----	----	38.60B/33.80A	38.60B/33.80A	----	----	----	35.20 - 0.90	.3115	----	----	----	29	UNCH	
1895	----	----	----	40.50B/35.40A	40.50B/35.40A	----	----	----	36.90 - 0.80	.3226	----	----	----	9	UNCH	
1900	40.10	40.10	----	42.50B/37.10A	42.50B/37.10A	----	----	----	38.70 - 0.80	.3339	----	66	----	550 +	13	
1910	----	----	----	46.40B/40.80A	46.40B/40.80A	----	----	----	42.40 - 0.90	.3568	----	----	----	65	UNCH	
1915	----	----	----	48.60B/42.70A	48.60B/42.70A	----	----	----	44.40 - 0.90	.3685	----	----	----	113	UNCH	
1920	----	----	----	50.80B/44.70A	50.80B/44.70A	----	----	----	46.40 - 1.00	.3802	----	----	----	16	UNCH	
1925	----	----	----	53.10B/46.70A	53.10B/46.70A	----	----	----	48.60 - 0.90	.3922	----	----	----	63	UNCH	
1930	----	----	----	55.40B/48.80A	55.40B/48.80A	----	----	----	50.70 - 1.00	.4040	----	7	----	26 +	3	
1935	----	----	----	57.80B/51.00A	57.80B/51.00A	----	----	----	53.00 - 1.00	.4161	----	----	----	19	UNCH	
1940	----	----	----	60.30B/53.20A	60.30B/53.20A	----	----	----	55.30 - 1.00	.4281	----	----	----	67	UNCH	
1945	----	----	----	62.80B/55.60A	62.80B/55.60A	----	----	----	57.70 - 1.00	.4401	----	----	----	5	UNCH	
1950	----	----	----	65.40B/57.90A	65.40B/57.90A	----	----	----	60.20 - 0.90	.4522	----	5	----	108 +	5	
1955	----	----	----	68.10B/60.40A	68.10B/60.40A	----	----	----	62.70 - 1.00	.4643	----	----	----	32	UNCH	
1960	----	----	----	70.90B/63.00A	70.90B/63.00A	----	----	----	65.30 - 0.90	.4763	----	----	6	88	UNCH	
1965	----	----	----	73.70B/65.60A	73.70B/65.60A	----	----	----	68.00 - 0.90	.4883	----	----	----	108 +	6	
1970	----	----	----	76.60B/68.20A	76.60B/68.20A	----	----	----	70.70 - 0.90	.5002	----	20	154	487 +	154	
1975	----	----	----	79.50B/70.90A	79.50B/70.90A	----	----	----	73.50 - 0.90	.5120	----	----	----	89	UNCH	
1980	----	----	----	82.60B/73.70A	82.60B/73.70A	----	----	----	76.40 - 0.80	.5237	----	----	----	31	UNCH	
1985	----	----	----	85.60B/76.60A	85.60B/76.60A	----	----	----	79.30 - 0.80	.5353	----	----	----	39	UNCH	
1990	----	----	----	88.80B/79.50A	88.80B/79.50A	----	----	----	82.30 - 0.80	.5469	----	----	----	12	UNCH	
1995	----	----	----	92.00B/82.40A	92.00B/82.40A	----	----	----	85.30 - 0.80	.5582	----	----	----	11	UNCH	
2000	----	----	----	95.20B/85.50A	95.20B/85.50A	----	----	----	88.40 - 0.80	.5694	----	1	----	117 +	1	
2005	----	----	----	98.50B/88.60A	98.50B/88.60A	----	----	----	91.60 - 0.70	.5805	----	----	----	5	UNCH	
2010	----	----	----	101.90B/91.70A	101.90B/91.70A	----	----	----	94.80 - 0.70	.5914	----	----	----	11	UNCH	
2015	----	----	----	105.20B/94.90A	105.20B/94.90A	----	----	----	98.10 - 0.70	.6022	----	----	----	7	UNCH	
2020	----	----	----	108.70B/98.20A	108.70B/98.20A	----	----	----	101.50 - 0.60	.6127	----	----	----	8	UNCH	
2025	----	----	----	112.20B/101.50A	112.20B/101.50A	----	----	----	104.80 - 0.70	.6232	----	----	----	11	UNCH	
2030	----	----	----	115.80B/104.90A	115.80B/104.90A	----	----	----	108.30 - 0.60	.6334	----	----	----	16	UNCH	
2035	----	----	----	119.40B/108.30A	119.40B/108.30A	----	----	----	111.80 - 0.60	.6433	----	----	----	9	UNCH	
2040	----	----	----	123.10B/111.80A	123.10B/111.80A	----	----	----	115.30 - 0.60	.6531	----	----	----	13	UNCH	
2045	----	----	----	126.80B/115.30A	126.80B/115.30A	----	----	----	118.90 - 0.60	.6629	----	----	----	8	UNCH	
2050	----	----	----	130.60B/118.90A	130.60B/118.90A	----	----	----	122.60 - 0.60	.6723	----	----	----	400	UNCH	
2055	----	----	----	134.40B/122.50A	134.40B/122.50A	----	----	----	126.20 - 0.60	.6814	----	----	----	12	UNCH	
2060	----	----	----	138.30B/126.20A	138.30B/126.20A	----	----	----	130.00 - 0.60	.6903	----	----	----	10	UNCH	
2065	----	----	----	142.20B/129.90A	142.20B/129.90A	----	----	----	133.80 - 0.50	.6993	----	----	----	7	UNCH	
2070	----	----	----	146.10B/133.70A	146.10B/133.70A	----	----	----	137.60 - 0.50	.7078	----	----	----	10	UNCH	
2075	----	----	----	150.10B/137.50A	150.10B/137.50A	----	----	----	141.40 - 0.60	.7162	----	----	----	17	UNCH	
2080	144.50	144.50	----	154.10B/141.40A	154.10B/141.40A	----	----	----	145.30 - 0.50	.7246	----	1	----	10 +	1	
2085	----	----	----	158.20B/145.30A	158.20B/145.30A	----	----	----	149.30 - 0.50	.7326	----	----	----	3	UNCH	
2090	----	----	----	162.20B/149.20A	162.20B/149.20A	----	----	----	153.30 - 0.40	.7401	----	----	----	13	UNCH	
2095	----	----	----	166.40B/153.20A	166.40B/153.20A	----	----	----	157.30 - 0.40	.7479	----	----	----	9	UNCH	
2100	----	----	----	170.50B/157.20A	170.50B/157.20A	----	----	----	161.40 - 0.30	.7553	----	----	----	6	UNCH	
2105	----	----	----	174.70B/161.20A	174.70B/161.20A	----	----	----	165.50 - 0.30	.7622	----	----	----	9	UNCH	
2110	----	----	----	178.90B/165.30A	178.90B/165.30A	----	----	----	169.60 - 0.30	.7695	----	----	----	5	UNCH	
2115	----	----	----	183.20B/169.40A	183.20B/169.40A	----	----	----	173.70 - 0.30	.7758	----	----	----	4	UNCH	
2120	----	----	----	187.40B/173.60A	187.40B/173.60A	----	----	----	177.90 - 0.30	.7825	----	----	----	2	UNCH	
2125	----	----	----	191.70B/177.80A	191.70B/177.80A	----	----	----	182.20 - 0.10	.7887	----	----	----	14	UNCH	
2130	----	----	----	196.10B/182.00A	196.10B/182.00A	----	----	----	186.40 - 0.10	.7948	----	----	----	13	UNCH	
2135	----	----	----	200.40B/186.20A	200.40B/186.20A	----	----	----	190.70 - 0.10	.8009	----	----	----	17	UNCH	
2140	----	----	----	204.80B/190.50A	204.80B/190.50A	----	----	----	195.00 UNCH	.8070	----	----	----	14	UNCH	
2145	----	----	----	209.20B/194.80A	209.20B/194.80A	----	----	----	199.30 UNCH	.8125	----	----	----	9	UNCH	
2150	----	----	----	213.70B/199.10A	213.70B/199.10A	----	----	----	203.70 + 0.10	.8179	----	----	----	28</		

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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 PUT		COMEX GOLD OPTIONS																	
JUL23																			
1475	----	----	----	----	----	0.80	- 0.10	.0086	----	----	----	----	1	UNCH					
1500	----	----	----	----	----	1.00	- 0.10	.0108	----	----	----	----	37	UNCH					
1505	----	----	----	----	----	1.10	- 0.10	.0118	----	----	----	----	1	UNCH					
1525	----	----	----	----	----	1.30	- 0.10	.0139	----	----	----	----	25	UNCH					
1535	----	----	----	----	----	1.40	- 0.10	.0151	----	----	----	----	1	UNCH					
1540	----	----	----	----	----	1.50	- 0.10	.0161	----	----	----	----	20	UNCH					
1550	----	----	----/*1.70A	----/*1.70A	----	1.60	- 0.20	.0172	----	----	----	----	11	UNCH					
1560	----	----	----	----	----	1.80	- 0.10	.0192	----	----	----	----	3	UNCH					
1565	----	----	----	----	----	1.90	NEW	.0202	----	----	8	----	8	+					
1575	2.10	2.10	2.10/2.10	2.10/2.10	----	2.10	- 0.10	.0223	----	----	10	----	20	+					
1580	----	----	----/*2.20A	----/*2.20A	----	2.20	- 0.10	.0233	----	----	----	----	6	UNCH					
1590	----	----	----/*2.40A	----/*2.40A	----	2.40	- 0.10	.0254	----	----	----	----	1	UNCH					
1600	----	----	----	----	----	2.60	- 0.10	.0276	----	----	----	----	21	UNCH					
1605	----	----	----/*2.80A	----/*2.80A	----	2.70	- 0.20	.0287	----	----	----	----	10	UNCH					
1635	----	----	----/*3.60A	----/*3.60A	----	3.60	- 0.20	.0378	----	----	----	----	1	UNCH					
1640	----	----	----/*3.80A	----/*3.80A	----	3.70	- 0.30	.0390	----	----	----	----	1	UNCH					
1650	----	----	----/*4.20A	----/*4.20A	----	4.10	- 0.30	.0429	----	----	----	----	56	UNCH					
1660	----	----	/4.60A	/4.60A	----	4.50	- 0.30	.0469	----	----	----	----	7	UNCH					
1665	----	----	----/*4.80A	----/*4.80A	----	4.70	- 0.40	.0489	----	----	----	----	1	UNCH					
1670	----	----	----/*5.10A	----/*5.10A	----	5.00	- 0.30	.0516	----	----	----	----	8	UNCH					
1675	----	----	----/*5.30A	----/*5.30A	----	5.20	- 0.40	.0537	----	----	8	----	32	+					
1680	----	----	----/*5.60A	----/*5.60A	----	5.50	- 0.40	.0564	----	----	----	----	10	UNCH					
1685	----	----	----/*5.80A	----/*5.80A	----	5.80	- 0.40	.0592	----	----	----	----	6	UNCH					
1690	----	----	----/6.10A	----/6.10A	----	6.10	- 0.40	.0620	----	----	----	----	4	UNCH					
1695	----	----	----/*6.40A	----/*6.40A	----	6.40	- 0.40	.0648	----	----	----	----	5	UNCH					
1700	----	----	----/6.70A	----/6.70A	----	6.70	- 0.40	.0677	----	----	----	----	24	UNCH					
1705	----	----	----/*7.00A	----/*7.00A	----	7.00	- 0.50	.0705	----	----	----	----	2	UNCH					
1710	----	----	----/*7.30A	----/*7.30A	----	7.40	NEW	.0740	----	----	2	----	2	+					
1715	----	----	----/7.70A	----/7.70A	----	7.70	- 0.50	.0770	----	----	----	----	1	UNCH					
1720	----	----	----/8.10A	----/8.10A	----	8.10	- 0.50	.0805	----	----	----	----	5	UNCH					
1725	----	----	9.10B/8.50A	9.10B/8.50A	----	8.50	- 0.50	.0841	----	----	----	----	102	UNCH					
1730	----	----	9.50B/8.90A	9.50B/8.90A	----	9.00	- 0.40	.0883	----	----	----	----	32	UNCH					
1735	----	----	10.00B/9.30A	10.00B/9.30A	----	9.40	- 0.50	.0920	----	----	----	----	1	UNCH					
1740	----	----	10.50B/9.70A	10.50B/9.70A	----	9.90	NEW	.0962	----	----	1	----	1	+					
1745	----	----	11.00B/10.20A	11.00B/10.20A	----	10.40	NEW	.1005	----	----	1	----	1	+					
1750	11.50	11.50	11.60B/10.70A	11.60B/10.70A	----	10.90	- 0.40	.1048	----	----	4	----	87	UNCH					
1770	----	----	14.10B/12.90A	14.10B/12.90A	----	13.10	- 0.50	.1234	----	----	----	----	1	UNCH					
1775	----	----	14.80B/13.50A	14.80B/13.50A	----	13.80	- 0.50	.1289	----	----	----	----	93	UNCH					
1780	----	----	15.50B/14.10A	15.50B/14.10A	----	14.40	- 0.60	.1340	----	----	----	----	6	UNCH					
1800	----	----	18.70B/16.90A	18.70B/16.90A	----	17.40	- 0.60	.1574	----	----	----	----	127	UNCH					
1820	----	----	22.50B/20.30A	22.50B/20.30A	----	20.90	- 0.70	.1836	----	----	----	----	1	UNCH					
1825	----	----	23.50B/21.20A	23.50B/21.20A	----	21.90	- 0.60	.1907	----	----	----	----	75	UNCH					
1830	----	----	24.60B/22.20A	24.60B/22.20A	----	22.90	- 0.70	.1979	----	----	----	----	6	UNCH					
1840	----	----	27.00B/24.20A	27.00B/24.20A	----	25.10	- 0.60	.2130	----	----	----	----	3	UNCH					
1845	----	----	28.20B/25.30A	28.20B/25.30A	----	26.20	- 0.70	.2207	----	----	----	----	60	UNCH					
1850	----	----	29.50B/26.50A	29.50B/26.50A	----	27.40	- 0.70	.2287	----	----	----	----	281	UNCH					
1860	----	----	32.20B/28.90A	32.20B/28.90A	----	29.90	- 0.70	.2451	----	----	----	----	66	UNCH					
1870	----	----	35.10B/31.50A	35.10B/31.50A	----	32.60	- 0.80	.2623	----	----	----	----	9	UNCH					
1875	----	----	36.70B/32.90A	36.70B/32.90A	----	34.00	- 0.80	.2710	----	----	----	----	20	UNCH					
1880	----	----	38.30B/34.30A	38.30B/34.30A	----	35.50	- 0.80	.2801	----	----	----	----	51	UNCH					
1890	----	----	41.60B/37.30A	41.60B/37.30A	----	38.60	- 0.80	.2985	----	----	----	----	203	UNCH					
1895	----	----	43.40B/38.90A	43.40B/38.90A	----	40.30	- 0.80	.3080	----	----	----	----	10	UNCH					
1900	----	----	45.20B/40.50A	45.20B/40.50A	----	42.00	- 0.80	.3176	----	----	10	----	23	+					
1910	----	----	49.00B/44.00A	49.00B/44.00A	----	45.50	- 0.90	.3370	----	----	----	----	2	UNCH					
1925	----	----	55.20B/49.60A	55.20B/49.60A	----	51.30	- 0.90	.3670	----	----	----	----	16	UNCH					
1930	52.40	52.40	57.40B/51.60A	57.40B/51.60A	----	53.40	NEW	.3773	----	----	6	----	6	+					
1945	----	----	64.40B/58.00A	64.40B/58.00A	----	59.90	- 1.00	.4082	----	----	----	----	1	UNCH					
1950	----	----	66.80B/60.20A	66.80B/60.20A	----	62.20	- 1.00	.4186	----	----	----	----	271	UNCH					
1975	----	----	79.90B/72.40A	79.90B/72.40A	----	74.70	- 0.90	.4707	----	----	----	----	30	UNCH					
1980	----	----	82.70B/75.00A	82.70B/75.00A	----	77.30	NEW	.4811	----	----	6	----	6	+					
1985	----	----	85.60B/77.60A	85.60B/77.60A	----	80.10	- 0.90	.4914	----	----	----	----	2	UNCH					
1990	----	----	88.50B/80.30A	88.50B/80.30A	----	82.90	- 0.90	.5016	----	----	----	----	1	UNCH					
1995	84.70	84.70	91.50B/83.10A	91.50B/83.10A	----	85.70	- 0.90	.5118	----	----	1	----	12	+					
2000	----	----	94.50B/86.00A	94.50B/86.00A	----	88.60	- 0.90	.5219	----	----	----	----	16	UNCH					
2005	----	----	97.60B/88.90A	97.60B/88.90A	----	91.60	- 0.90	.5319	----	----	----	----	1	UNCH					
2010	----	----	100.70B/91.80A	100.70B/91.80A	----	94.60	- 0.90	.5417	----	----	----	----	2	UNCH					
2015	----	----	103.90B/94.80A	103.90B/94.80A	----	97.60	- 0.90	.5515	----	----	----	----	1	UNCH					
2020	----	----	107.20B/97.90A	107.20B/97.90A	----	100.80	- 0.80	.5612	----	----	----	----	2	UNCH					
2025	----	----	110.50B/101.00A	110.50B/101.00A	----	103.90	- 0.90	.5706	----	----	----	----	4	UNCH					
2030	----	----	113.80B/104.10A	113.80B/104.10A	----	107.10	- 0.90	.5800	----	----	----	----	5	UNCH					
2045	----	----	124.10B/114.10A	124.10B/114.10A	----	117.10	- 0.80	.6075	----	----	----	----	2	UNCH					
2050	----	----	127.60B/117.40A	127.60B/117.40A	----	120.50	- 0.80	.6164	----	----	----	----	16	UNCH					
2060	----	----	134.80B/124.30A	134.80B/124.30A	----	127.50	- 0.70	.6337	----	----	----	----	3	UNCH					
2065	----	----	138.50B/127.80A	138.50B/127.80A	----	131.00	- 0.70	.6421	----	----	----	----	2	UNCH					
2070	----	----	142.20B/131.30A	142.20B/131.30A	----	134.60	- 0.70	.6503	----	----	----	----	4	UNCH					
2075	----	----	145.90B/134.90A	145.90B/134.90A	----	138.20	- 0.70	.6584	----	----	----	----	5	UNCH					
2080	----	----	149.70B/138.50A	149.70B/138.50A	----	141.90	- 0.60	.6665	----	----	----	----	3	UNCH					
2085	----	----	153.50B/142.10A	153.50B/142.10A	----	145.60	- 0.60	.6742	----	----	----	----	4	UNCH					
2090	----	----	157.40B/145.80A	157.40B/145.80A	----	149.40	- 0.50	.6819	----	----	----	----	5	UNCH					
2095	----	----	161.30B/149.60A	161.30B/149.60A	----	153.20	- 0.50	.6893	----	----	----	----	4	UNCH					
2100	----	----	165.20B/153.40A	165.20B/153.40A	----	157.00	- 0.50	.6969	----	----	----	----	3	UNCH					
2105	----	----	169.10B/157.20A	169.10B/157.20A	----	160.80	- 0.50	.7039	----	----	----	----	10	UNCH					
2110	----	----	173.10B/161.00A	173.10B/161.00A	----	164.70	- 0.50	.7111	----	----	----	----	10	UNCH					
2115	----	----	177.10B/164.90A	177.10B/164.90A	----	168.70	- 0.40	.7179	----	----	----	----	8	UNCH					
2120	----	----	181.20B/168.80A	181.20B/168.80A	----	172.60	- 0.40	.7247	----	----	----	----	3	UNCH					
2125	----	----	185.20B/172.70A	185.20B/172.70A	----	176.60	- 0.40	.7312	----	----	----	----	4	UNCH					
2130	----	----	189.30B/176.70A	189.30B/176.70A	----	180.60	- 0.40	.7375	----	----	----	----	2	UNCH					
2135	----	----	193.50B/180.70A	193.50B/180.70A	----	184.70	- 0.30	.7438	----	----	----	----	3	UNCH					
2145	----	----	201.80B/188.80A	201.80B/188.80A	----	192.90	- 0.20	.7560	----	----	----	----	1	UNCH					
2150	----	----	206.00B/192.90A	206.00B/192.90A	----	197.00	- 0.20	.7618	----	----	----	----	8	UNCH					
2155	----	----	210.20B/197.00A	210.20B/197.00A	----	201.20	- 0.20	.7676	----	----	----	----	2	UNCH					
2160	----	----	214.50B/201.20A	214.50B/201.20A	----	205.30	- 0.20	.7734	----	----	----	----	6	UNCH					
2165	----	----	218.80B/205.40A	218.80B/205.40A	----	209.60	- 0.10	.7787	----	----	----	----	7	UNCH					
2170	----	----	223.10B/209.60A	223.10B/209.60A	----	213.80	- 0.10	.7839	----	----	----	----	5	UNCH					
2175	----	----	227.40B/213.80A	227.40B/213.80A	----	218.10	- 0.10	.7892	----	----	----	----	22	UNCH					
2200	----	----	249.40B/235.30A	249.40B/235.30A	----	239.70	+ 0.10	.8131	----	----	----	----	18	UNCH					
2210	----	----	258.20B/244.00A	258.20B/244.00A	----	248.50	+ 0.10	.8218	----	----	----	----	11	UNCH					
2215	----	----	262.70B/248.40A	262.70B/248.40A	----	252.90	+ 0.20	.8263	----	----	----	----	1	UNCH					
2225	----	----	271.70B/257.20A	271.70B/257.20A	----	261.80	+ 0.20	.8344	----	----	----	----	18	UNCH					
2230	----	----	276.20B/261.70A																

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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																											
AUG23	----	----	----	----	----	3.90 - 0.30	.0370	----	----	----	----	765	UNCH															
1600	----	----	----/*4.00A	----/*4.00A	----	4.50 - 0.20	.0422	----	----	----	----	1	UNCH															
1615	----	----	----/*4.60A	----/*4.60A	----	4.70 - 0.30	.0440	----	----	----	----	1	UNCH															
1620	5.10	5.10	5.10/*5.00A	5.10/*5.00A	----	4.90 - NEW	.0458	----	----	25	----	25 +	25															
1625	----	----	----/*5.90A	----/*5.90A	----	5.90 - 0.30	.0543	----	----	----	----	2	UNCH															
1645	----	----	----/*6.10A	----/*6.10A	----	6.10 - 0.30	.0562	----	8	50	----	118 +	55															
1650	----	----	----/*6.40A	----/*6.40A	----	6.40 - 0.30	.0587	----	----	----	----	1	UNCH															
1655	----	----	----/6.70A	----/6.70A	----	6.70 - 0.30	.0612	----	----	----	----	4	UNCH															
1660	----	----	----/7.00A	----/7.00A	----	7.00 - 0.30	.0638	----	----	----	----	6	UNCH															
1665	----	----	----/7.30A	----/7.30A	----	7.30 - 0.30	.0663	----	----	----	----	2	UNCH															
1670	----	----	----/7.60A	----/7.60A	----	7.70 - 0.30	.0695	----	----	----	----	176	UNCH															
1675	----	----	----/8.60A	----/8.60A	----	8.70 - 0.40	.0779	----	----	----	----	3	UNCH															
1690	----	----	----/9.40A	----/9.40A	----	9.50 - 0.40	.0843	----	----	----	----	250	UNCH															
1700	----	----	11.90B/11.20A	11.90B/11.20A	----	11.30 - 0.40	.0986	----	----	----	----	2	UNCH															
1720	----	----	12.40B/11.60A	12.40B/11.60A	----	11.80 - 0.40	.1024	----	1	----	----	41 +	1															
1725	----	----	13.00B/12.10A	13.00B/12.10A	----	12.30 - 0.40	.1063	----	1	----	----	1	UNCH															
1730	----	----	13.50B/12.70A	13.50B/12.70A	----	12.90 - 0.30	.1108	----	----	----	----	80	UNCH															
1735	----	----	15.40B/14.40A	15.40B/14.40A	----	14.60 - 0.40	.1237	----	----	----	----	714	UNCH															
1750	----	----	18.30B/16.90A	18.30B/16.90A	----	17.30 - 0.50	.1433	----	----	----	----	123	UNCH															
1770	----	----	19.10B/17.70A	19.10B/17.70A	----	18.00 - 0.50	.1484	----	----	----	----	380	UNCH															
1775	----	----	20.00B/18.40A	20.00B/18.40A	----	18.80 - 0.50	.1539	----	----	----	----	31	UNCH															
1780	----	----	21.80B/20.00A	21.80B/20.00A	----	20.40 - 0.60	.1651	----	----	----	----	31	UNCH															
1790	----	----	23.70B/21.70A	23.70B/21.70A	----	22.20 - 0.60	.1772	----	----	----	----	483	UNCH															
1800	----	----	24.70B/22.70A	24.70B/22.70A	----	23.10 - 0.70	.1832	----	30	----	----	126 +	30															
1805	----	----	28.00B/25.50A	28.00B/25.50A	----	26.20 - 0.70	.2031	----	----	----	----	1	UNCH															
1820	----	----	29.10B/26.50A	29.10B/26.50A	----	27.40 - 0.60	.2103	----	----	----	----	837	UNCH															
1825	----	----	30.40B/27.60A	30.40B/27.60A	----	28.50 - 0.70	.2171	----	----	----	----	27	UNCH															
1830	----	----	31.60B/28.90A	31.60B/28.90A	----	29.70 - 0.60	.2244	----	----	----	----	39	UNCH															
1835	----	----	35.70B/32.40A	35.70B/32.40A	----	33.50 - 0.70	.2468	----	----	----	----	78	UNCH															
1850	----	----	37.20B/33.90A	37.20B/33.90A	----	34.80 - 0.70	.2544	----	----	----	----	2	UNCH															
1855	----	----	41.80B/38.10A	41.80B/38.10A	----	39.10 - 0.80	.2784	----	----	----	----	2	UNCH															
1870	----	----	43.40B/39.40A	43.40B/39.40A	----	40.70 - 0.80	.2868	----	12	75	----	104 +	87															
1875	43.40	43.40	45.20B/41.20A	45.20B/41.20A	----	42.20 - 0.90	.2951	----	1	----	----	23 +	1															
1880	----	----	46.90B/42.80A	46.90B/42.80A	----	43.90 - 0.80	.3037	----	----	----	----	35	UNCH															
1885	----	----	48.70B/44.40A	48.70B/44.40A	----	45.60 - 0.80	.3123	----	----	----	----	34	UNCH															
1890	----	----	52.50B/47.70A	52.50B/47.70A	----	49.20 - 0.80	.3300	----	----	----	----	222	UNCH															
1900	----	----	54.40B/49.50A	54.40B/49.50A	----	51.00 - 0.90	.3389	----	----	----	----	1	UNCH															
1905	----	----	56.40B/51.60A	56.40B/51.60A	----	52.90 - 0.90	.3479	----	----	----	----	1	UNCH															
1910	----	----	58.50B/53.60A	58.50B/53.60A	----	54.90 - 0.90	.3570	----	----	----	----	2	UNCH															
1915	----	----	62.90B/57.20A	62.90B/57.20A	----	59.00 - 0.90	.3754	----	----	----	----	50	UNCH															
1925	----	----	65.20B/59.30A	65.20B/59.30A	----	61.10 - 0.90	.3847	----	----	----	----	200	UNCH															
1930	----	----	74.80B/68.10A	74.80B/68.10A	----	70.20 - 0.90	.4221	----	----	----	----	452	UNCH															
1950	----	----	85.10B/78.20A	85.10B/78.20A	----	80.20 - 0.90	.4598	----	----	----	----	40	UNCH															
1970	----	----	88.00B/80.50A	88.00B/80.50A	----	82.80 - 1.00	.4692	----	----	----	----	69	UNCH															
1975	----	----	93.70B/85.80A	93.70B/85.80A	----	88.30 - 0.90	.4878	----	8	50	----	118 +	58															
1985	----	----	96.60B/88.50A	96.60B/88.50A	----	91.00 - 0.90	.4971	----	20	----	----	30 +	20															
1990	----	----	99.60B/91.30A	99.60B/91.30A	----	93.90 - 0.90	.5062	----	----	----	----	15	UNCH															
1995	99.00	99.00	102.60B/94.20A	102.60B/94.20A	----	96.80 - NEW	.5153	----	1	----	----	1 +	1															
2000	----	----	111.90B/103.30A	111.90B/103.30A	----	105.80 - 0.80	.5420	----	----	----	----	1	UNCH															
2015	----	----	115.10B/106.30A	115.10B/106.30A	----	108.90 - 0.80	.5507	----	----	----	----	2	UNCH															
2020	----	----	118.40B/109.10A	118.40B/109.10A	----	112.00 - 0.80	.5594	----	----	----	----	7	UNCH															
2025	----	----	121.60B/112.50A	121.60B/112.50A	----	115.20 - 0.80	.5679	----	----	----	----	1	UNCH															
2030	----	----	125.00B/115.70A	125.00B/115.70A	----	118.50 - 0.70	.5763	----	----	----	----	4	UNCH															
2035	----	----	135.30B/125.50A	135.30B/125.50A	----	128.50 - 0.70	.6010	----	----	----	----	117	UNCH															
2050	----	----	138.80B/128.90A	138.80B/128.90A	----	131.90 - 0.70	.6090	----	----	----	----	3	UNCH															
2055	----	----	146.00B/135.70A	146.00B/135.70A	----	138.80 - 0.70	.6244	----	----	----	----	1	UNCH															
2065	----	----	149.60B/139.20A	149.60B/139.20A	----	142.40 - 0.60	.6320	----	----	----	----	1	UNCH															
2070	----	----	153.30B/142.70A	153.30B/142.70A	----	146.00 - 0.50	.6396	----	----	----	----	4	UNCH															
2075	----	----	157.00B/146.30A	157.00B/146.30A	----	149.60 - 0.50	.6469	----	----	----	----	2	UNCH															
2080	----	----	160.70B/149.90A	160.70B/149.90A	----	153.20 - 0.50	.6540	----	----	----	----	6	UNCH															
2085	----	----	164.50B/153.50A	164.50B/153.50A	----	156.90 - 0.50	.6612	----	----	----	----	3	UNCH															
2090	----	----	168.30B/157.20A	168.30B/157.20A	----	160.60 - 0.50	.6682	----	----	----	----	4	UNCH															
2095	----	----	172.20B/160.90A	172.20B/160.90A	----	164.40 - 0.40	.6751	----	----	----	----	7	UNCH															
2100	----	----	176.00B/164.70A	176.00B/164.70A	----	168.20 - 0.40	.6817	----	----	----	----	9	UNCH															
2110	----	----	180.00B/168.40A	180.00B/168.40A	----	172.00 - 0.40	.6883	----	----	----	----	3	UNCH															
2125	----	----	191.90B/180.00A	191.90B/180.00A	----	183.60 - 0.40	.7072	----	----	----	----	6	UNCH															
2130	----	----	195.90B/183.90A	195.90B/183.90A	----	187.60 - 0.30	.7134	----	----	----	----	1	UNCH															
2140	----	----	204.00B/191.70A	204.00B/191.70A	----	195.50 - 0.30	.7252	----	----	----	----	1	UNCH															
2145	----	----	208.10B/195.70A	208.10B/195.70A	----	199.60 - 0.20	.7309	----	----	----	----	3	UNCH															
2150	----	----	212.20B/199.70A	212.20B/199.70A	----	203.60 - 0.20	.7366	----	----	----	----	3	UNCH															
2155	----	----	216.40B/203.80A	216.40B/203.80A	----	207.70 - 0.20	.7423	----	----	----	----	1	UNCH															
2175	----	----	233.20B/220.20A	233.20B/220.20A	----	224.20 - 0.10	.7632	----	----	----	----	9	UNCH															
2200	----	----	254.70B/241.20A	254.70B/241.20A	----	245.40 UNCH	.7868	----	----	----	----	10	UNCH															
2210	----																											

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	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 SEP23	COMEX GOLD OPTIONS																	
1955	----	----	----	78.10B/72.50A	78.10B/72.50A	----	----	----	74.10 - 0.90	.4053	----	----	----	----	----	2	UNCH	
1960	----	----	----	80.50B/74.80A	80.50B/74.80A	----	----	----	76.40 - 0.90	.4137	----	----	----	----	----	1	UNCH	
2000	----	----	----	102.20B/94.50A	102.20B/94.50A	----	----	----	96.90 - 0.90	.4811	----	----	----	----	----	1	UNCH	
2050	----	----	----	133.20B/123.90A	133.20B/123.90A	----	----	----	126.90 - 0.80	.5609	----	----	----	----	----	78	UNCH	
2075	----	----	----	150.00B/140.60A	150.00B/140.60A	----	----	----	143.40 - 0.80	.5977	----	----	----	----	----	1	UNCH	
2100	----	----	----	168.00B/157.80A	168.00B/157.80A	----	----	----	160.90 - 0.70	.6321	----	----	----	----	----	2	UNCH	
2150	----	----	----	206.30B/194.90A	206.30B/194.90A	----	----	----	198.40 - 0.50	.6931	----	----	----	----	----	13	UNCH	
2175	----	----	----	226.40B/214.50A	226.40B/214.50A	----	----	----	218.20 - 0.30	.7199	----	----	----	----	----	1	UNCH	
2200	----	----	----	247.10B/234.70A	247.10B/234.70A	----	----	----	238.60 - 0.20	.7442	----	----	----	----	----	7	UNCH	
2225	----	----	----	268.20B/255.40A	268.20B/255.40A	----	----	----	259.50 - 0.10	.7666	----	----	----	----	----	3	UNCH	
2250	----	----	----	289.90B/276.60A	289.90B/276.60A	----	----	----	280.80 UNCH	.7867	----	----	----	----	----	1	UNCH	
2265	----	----	----	303.00B/289.50A	303.00B/289.50A	----	----	----	293.80 + 0.10	.7979	----	----	----	----	----	1	UNCH	
2270	----	----	----	307.40B/293.90A	307.40B/293.90A	----	----	----	298.10 UNCH	.8016	----	----	----	----	----	2	UNCH	
2275	----	----	----	311.80B/298.20A	311.80B/298.20A	----	----	----	302.50 + 0.10	.8053	----	----	----	----	----	3	UNCH	
2280	----	----	----	316.30B/302.60A	316.30B/302.60A	----	----	----	306.90 + 0.10	.8086	----	----	----	----	----	1	UNCH	
2290	----	----	----	325.20B/311.40A	325.20B/311.40A	----	----	----	315.70 + 0.10	.8154	----	----	----	----	----	2	UNCH	
2300	----	----	----	334.20B/320.20A	334.20B/320.20A	----	----	----	324.60 + 0.20	.8219	----	----	----	----	----	2	UNCH	
2310	----	----	----	343.20B/329.10A	343.20B/329.10A	----	----	----	333.50 + 0.20	.8278	----	----	----	----	----	1	UNCH	
2320	----	----	----	352.30B/338.10A	352.30B/338.10A	----	----	----	342.50 + 0.30	.8341	----	----	----	----	----	5	UNCH	
2325	----	----	----	356.80B/342.60A	356.80B/342.60A	----	----	----	347.00 + 0.30	.8368	----	----	----	----	----	5	UNCH	
2330	----	----	----	361.40B/347.10A	361.40B/347.10A	----	----	----	351.50 + 0.30	.8396	----	----	----	----	----	14	UNCH	
2340	----	----	----	370.50B/356.10A	370.50B/356.10A	----	----	----	360.50 + 0.20	.8453	----	----	----	----	----	19	UNCH	
2350	----	----	----	379.70B/365.20A	379.70B/365.20A	----	----	----	369.60 + 0.30	.8502	----	----	----	----	----	21	UNCH	
2360	----	----	----	388.90B/374.30A	388.90B/374.30A	----	----	----	378.80 + 0.30	.8555	----	----	----	----	----	26	UNCH	
2370	----	----	----	398.20B/383.50A	398.20B/383.50A	----	----	----	388.00 + 0.40	.8602	----	----	----	----	----	37	UNCH	
2375	----	----	----	402.80B/388.10A	402.80B/388.10A	----	----	----	392.60 + 0.40	.8628	----	----	----	----	----	43	UNCH	
2380	----	----	----	407.50B/392.70A	407.50B/392.70A	----	----	----	397.20 + 0.40	.8650	----	----	----	----	----	25	UNCH	
2400	----	----	----	426.10B/411.20A	426.10B/411.20A	----	----	----	415.80 + 0.50	.8738	----	----	----	----	----	9	UNCH	
2500	----	----	----	521.10B/505.50A	521.10B/505.50A	----	----	----	510.30 + 0.80	.9086	----	----	----	----	----	17	UNCH	
2550	----	----	----	569.40B/553.50A	569.40B/553.50A	----	----	----	558.30 + 0.80	.9223	----	----	----	----	----	16	UNCH	
TOTAL													34			10390+	32	
OCT23																		
1200	----	----	----	----	----	----	----	----	0.50 UNCH	.0037	----	----	----	----	----	30	UNCH	
1275	----	----	----	----	----	----	----	----	0.80 UNCH	.0060	----	----	----	----	----	25	UNCH	
1300	----	----	----	----	----	----	----	----	0.90 UNCH	.0069	----	----	----	----	----	25	UNCH	
1325	----	----	----	----	----	----	----	----	1.00 - 0.10	.0078	----	----	----	----	----	25	UNCH	
1350	----	----	----	----	----	----	----	----	1.20 UNCH	.0094	----	----	----	----	----	271	UNCH	
1375	----	----	----	----	----	----	----	----	1.40 - 0.10	.0110	----	----	----	----	----	16	UNCH	
1400	----	----	----	----	----	----	----	----	1.70 UNCH	.0133	----	----	----	----	----	2518	UNCH	
1450	----	----	----	----	----	----	----	----	2.40 - 0.10	.0188	----	----	----	----	----	51	UNCH	
1500	----	----	----	----	----	----	----	----	3.50 - 0.10	.0272	----	----	----	----	----	50	UNCH	
1525	----	----	----	----	----	----	----	----	4.20 - 0.10	.0324	----	----	----	----	----	9	UNCH	
1550	----	----	----	----	----	----	----	----	5.10 - 0.10	.0389	----	----	----	----	----	1252	UNCH	
1560	----	----	----	----/*5.50A	----/*5.50A	----	----	----	5.40 - 0.20	.0413	----	----	----	----	----	420	UNCH	
1565	----	----	----	----/*5.70A	----/*5.70A	----	----	----	5.60 - 0.20	.0428	----	----	----	----	----	7	UNCH	
1575	----	----	----	----/*6.20A	----/*6.20A	----	----	----	6.10 - 0.20	.0462	----	----	----	----	----	7	UNCH	
1600	----	----	----	----/7.40A	----/7.40A	----	----	----	7.30 - 0.20	.0548	----	----	----	----	----	1	UNCH	
1660	----	----	----	----/11.20A	----/11.20A	----	----	----	11.20 - 0.40	.0816	----	----	----	----	----	1	UNCH	
1675	----	----	----	----/12.50A	----/12.50A	----	----	----	12.50 - 0.40	.0902	----	----	----	----	----	1	UNCH	
1695	----	----	----	14.90B/14.30A	14.90B/14.30A	----	----	----	14.40 - 0.40	.1025	----	----	----	----	----	1	UNCH	
1700	----	----	----	15.40B/14.80A	15.40B/14.80A	----	----	----	14.90 - 0.40	.1057	----	----	----	----	----	4	UNCH	
1725	----	----	----	18.50B/17.60A	18.50B/17.60A	----	----	----	17.80 - 0.40	.1238	----	----	----	----	----	25	UNCH	
1750	----	----	----	22.10B/21.00A	22.10B/21.00A	----	----	----	21.20 - 0.50	.1442	----	----	----	----	----	100	UNCH	
1775	----	----	----	26.30B/24.90A	26.30B/24.90A	----	----	----	25.20 - 0.60	.1673	----	----	----	----	----	51	UNCH	
1800	----	----	----	31.40B/29.50A	31.40B/29.50A	----	----	----	30.00 - 0.60	.1935	----	----	----	----	----	20	UNCH	
1825	----	----	----	37.30B/35.00A	37.30B/35.00A	----	----	----	35.60 - 0.60	.2223	----	----	----	----	----	50	UNCH	
1840	----	----	----	41.30B/38.70A	41.30B/38.70A	----	----	----	39.30 - 0.80	.2408	----	----	----	----	----	210	UNCH	
1850	----	----	----	44.20B/41.30A	44.20B/41.30A	----	----	----	42.10 - 0.70	.2539	----	----	----	----	----	76	UNCH	
1890	----	----	----	57.50B/53.60A	57.50B/53.60A	----	----	----	54.60 - 0.90	.3093	----	----	----	----	----	15	UNCH	
1900	----	----	----	61.10B/57.10A	61.10B/57.10A	----	----	----	58.20 - 0.90	.3240	----	----	----	----	----	710	UNCH	
1930	----	----	----	73.60B/68.80A	73.60B/68.80A	----	----	----	70.10 - 0.90	.3694	----	----	----	----	----	1	UNCH	
1950	----	----	----	82.90B/77.40A	82.90B/77.40A	----	----	----	78.90 NEW	.4004	----	----	20	----	----	20	+	
1970	----	----	----	92.90B/86.90A	92.90B/86.90A	----	----	----	88.50 - 0.90	.4317	----	----	----	----	----	1	UNCH	
1975	----	----	----	95.50B/89.30A	95.50B/89.30A	----	----	----	91.10 - 0.90	.4396	----	----	----	----	----	120	UNCH	
2000	----	----	----	109.40B/102.40A	109.40B/102.40A	----	----	----	104.40 - 0.80	.4784	----	----	5	----	----	32	+	
2075	----	----	----	157.10B/147.90A	157.10B/147.90A	----	----	----	150.70									

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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	----	----	----	----	----	----	----	----	----	----	----	----	----					
1775	----	----	176.70B/159.10A	176.70B/159.10A	----	170.90 - 1.20	.9829	----	----	----	----	950	UNCH					
1780	----	----	171.40B/155.10A	171.40B/155.10A	----	166.00 - 1.20	.9802	----	----	----	----	160	UNCH					
1785	----	----	166.40B/150.20A	166.40B/150.20A	----	161.10 - 1.20	.9775	----	----	----	----	815	UNCH					
1790	----	----	161.60B/145.30A	161.60B/145.30A	----	156.10 - 1.30	.9769	----	----	----	----	32	UNCH					
1795	----	----	156.50B/140.40A	156.50B/140.40A	----	151.20 - 1.30	.9740	----	----	----	----	41	UNCH					
1800	----	----	152.10B/134.70A	152.10B/134.70A	----	146.40 - 1.20	.9690	----	----	----	----	3319	UNCH					
1805	----	----	146.70B/130.80A	146.70B/130.80A	----	141.50 - 1.20	.9660	----	----	----	----	53	UNCH					
1810	----	----	142.00B/126.00A	142.00B/126.00A	----	136.70 - 1.20	.9609	----	----	----	----	278	UNCH					
1815	----	----	137.00B/121.20A	137.00B/121.20A	----	131.90 - 1.20	.9558	----	----	----	----	610	UNCH					
1820	----	----	132.20B/116.50A	132.20B/116.50A	----	127.10 - 1.20	.9506	----	----	----	----	406	UNCH					
1825	----	----	127.90B/110.80A	127.90B/110.80A	----	122.40 - 1.20	.9453	----	----	----	----	599	UNCH					
1830	----	----	122.80B/107.10A	122.80B/107.10A	----	117.60 - 1.30	.9380	----	----	----	----	99	UNCH					
1835	----	----	118.00B/102.50A	118.00B/102.50A	----	112.90 - 1.30	.9306	----	----	----	----	49	UNCH					
1840	----	----	113.40B/97.40A	113.40B/97.40A	----	108.30 - 1.30	.9230	----	----	----	----	409	UNCH					
1845	----	----	108.70B/92.40A	108.70B/92.40A	----	103.70 - 1.40	.9136	----	----	----	----	79	UNCH					
1850	95.80	95.80	104.30B/88.20A	104.30B/88.20A	----	99.10 - 1.40	.9025	----	----	17	----	3026	UNCH					
1855	96.90	96.90	99.60B/83.80A	99.60B/83.80A	----	94.60 - 1.50	.8913	----	----	3	----	293	- 1					
1860	----	----	95.20B/79.40A	95.20B/79.40A	----	90.20 - 1.50	.8799	----	----	2	----	371	UNCH					
1865	----	----	90.80B/75.40A	90.80B/75.40A	----	85.80 - 1.50	.8669	----	----	----	----	150	UNCH					
1870	----	----	86.50B/71.20A	86.50B/71.20A	----	81.50 - 1.50	.8523	----	----	1	----	234	+					
1875	----	----	82.20B/67.20A	82.20B/67.20A	----	77.30 - 1.50	.8364	----	----	----	----	1610	UNCH					
1880	----	----	78.00B/63.20A	78.00B/63.20A	----	73.20 - 1.50	.8202	----	----	----	----	346	UNCH					
1885	----	----	73.80B/59.40A	73.80B/59.40A	----	69.10 - 1.50	.8026	----	----	----	----	132	UNCH					
1890	----	----	69.80B/55.70A	69.80B/55.70A	----	65.10 - 1.60	.7838	----	----	----	----	63	UNCH					
1895	----	----	65.80B/52.00A	65.80B/52.00A	----	61.20 - 1.70	.7628	----	----	----	----	167	UNCH					
1900	52.00	52.00	62.10B/48.60A	62.10B/48.60A	----	57.40 - 1.80	.7417	----	587	587	----	5122	- 134					
1905	----	----	58.30B/45.30A	58.30B/45.30A	----	53.80 - 1.80	.7196	----	1	1	----	251	UNCH					
1910	----	----	54.70B/42.00A	54.70B/42.00A	----	50.30 - 1.80	.6958	----	----	----	----	1521	UNCH					
1915	47.50	47.50	51.20B/39.00A	51.20B/39.00A	----	46.90 - 1.80	.6712	----	2	2	----	191	- 2					
1920	42.90	42.90	47.80B/36.00A	47.80B/36.00A	----	43.70 - 1.80	.6455	----	2	2	----	407	- 1					
1925	----	----	44.70B/33.40A	44.70B/33.40A	----	40.60 - 1.80	.6192	----	477	477	----	2861	UNCH					
1930	34.30	34.30	41.60B/30.70A	41.60B/30.70A	----	37.70 - 1.80	.5926	----	7	7	----	480	UNCH					
1935	31.10	31.10	38.70B/28.30A	38.70B/28.30A	----	34.90 - 1.70	.5653	----	4	4	----	203	+					
1940	29.40	29.40	36.00B/26.00A	36.00B/26.00A	----	32.30 - 1.60	.5378	----	78	78	----	261	+					
1945	30.40	30.40	33.30B/23.90A	33.30B/23.90A	----	29.80 - 1.60	.5104	----	43	43	----	203	- 10					
1950	27.40	27.40	30.80B/21.80	30.80B/21.80	----	27.40 - 1.60	.4830	----	112	112	----	4583	- 41					
1955	23.50	23.50	28.50B/20.00A	28.50B/20.00A	----	25.10 - 1.60	.4557	----	25	25	----	642	- 4					
1960	20.60	20.60	26.20B/18.20A	26.20B/18.20A	----	23.00 - 1.60	.4288	----	20	20	----	393	+					
1965	19.40	19.40	24.10B/16.60A	24.10B/16.60A	----	21.10 - 1.50	.4026	----	35	35	----	368	- 11					
1970	18.40	18.40	22.10B/15.10A	22.10B/15.10A	----	19.30 - 1.50	.3771	----	17	17	----	576	+					
1975	17.40	17.40	20.30B/13.80A	20.30B/13.80A	----	17.70 - 1.40	.3527	----	556	556	----	2326	- 90					
1980	14.80	14.80	18.50B/12.50A	18.50B/12.50A	----	16.10 - 1.40	.3285	----	158	158	----	381	+					
1985	15.00	15.00	16.90B/11.40A	16.90B/11.40A	----	14.70 - 1.30	.3058	----	35	35	----	129	+					
1990	12.90	12.90	15.40B/10.30A	15.40B/10.30A	----	13.40 - 1.20	.2841	----	72	72	----	702	- 40					
1995	11.40	11.40	14.10B/9.40A	14.10B/9.40A	----	12.20 - 1.10	.2634	----	57	57	----	434	+					
2000	12.00	12.00	12.80B/8.50A	12.80B/8.50A	----	11.10 - 1.00	.2438	----	744	744	----	7664	- 340					
2005	8.90	8.90	11.60B/7.70A	11.60B/7.70A	----	10.00 - 1.10	.2243	----	20	20	----	246	+					
2010	9.50	9.50	10.50B/7.00A	10.50B/7.00A	----	9.10 - 1.00	.2071	----	436	436	----	219	- 265					
2015	8.80	8.80	9.50B/6.40A	9.50B/6.40A	----	8.30 - 0.90	.1912	----	4	4	----	76	+					
2020	7.10	7.10	8.60B/5.80A	8.60B/5.80A	----	7.50 - 0.80	.1755	----	66	66	----	234	+					
2025	6.10	6.10	7.80B/5.30A	7.80B/5.30A	----	6.80 - 0.80	.1612	----	192	192	----	874	+					
2030	5.60	5.60	7.10B/4.80A	7.10B/4.80A	----	6.20 - 0.70	.1484	----	31	31	----	1882	+					
2035	4.40	4.40	6.40B/4.40	6.40B/4.40	----	5.60 - 0.60	.1358	----	6	6	----	258	+					
2040	4.70	4.70	5.80B/4.00A	5.80B/4.00A	----	5.10 - 0.60	.1248	----	17	17	----	401	+					
2045	4.80	4.80	5.30B/3.60	5.30B/3.60	----	4.70 - 0.50	.1154	----	8	8	----	218	+					
2050	4.10	4.10	4.80B/3.30	4.80B/3.30	----	4.20 - 0.50	.1047	----	1234	1234	100	3666	- 725					
2055	4.10	4.10	4.10/3.10A	4.10/3.10A	----	3.80 - 0.50	.0957	----	19	19	----	107	- 7					
2060	3.00	3.00	4.00B/*2.80A	4.00B/*2.80A	----	3.50 - 0.40	.0883	----	6	6	----	256	+					
2065	3.00	3.00	3.20/*2.60A	3.20/*2.60A	----	3.20 - 0.40	.0812	----	4	4	----	180	UNCH					
2070	3.00	3.00	3.10/*2.40	3.10/*2.40	----	2.90 - 0.40	.0741	----	8	8	----	566	+					
2075	2.60	2.60	3.10B/*2.20A	3.10B/*2.20A	----	2.70 - 0.30	.0689	----	37	37	----	4907	+					
2080	2.50	2.50	2.80B/*2.00	2.80B/*2.00	----	2.50 - 0.30	.0638	----	13	13	----	170	- 2					
2085	2.20	2.20	2.60B/*1.90A	2.60B/*1.90A	----	2.30 - 0.30	.0588	----	13	13	----	178	+					
2090	2.20	2.20	2.40B/*1.80A	2.40B/*1.80A	----	2.10 - 0.30	.0540	----	40	40	----	116	+					
2095	1.90	1.90	2.00/*1.70A	2.00/*1.70A	----	1.90 - 0.30	.0491	----	12	12	----	66	+					
2100	1.90	1.90	2.10B/*1.50A	2.10B/*1.50A	----	1.80 - 0.20	.0463	----	1245	1245	1200	4513	+					
2105	1.40	1.40	1.60/*1.40	1.60/*1.40	----	1.60 - 0.30	.0416	----	6	6	----	193	+					
2110	1.50	1.50	1.80B/*1.40A	1.80B/*1.40A	----	1.50 - 0.20	.0388	----	162	162	----	349	UNCH					
2115	----	----	1.50B/*1.30A	1.50B/*1.30A	----	1.40 - 0.20	.0362	----	----	----	----	135	UNCH					
2120	1.30	1.30	1.50B/*1.20A	1.50B/*1.20A	----	1.30 - 0.20	.0335	----	6	6	----	211	- 2					
2125	1.10	1.10	1.40B/*1.10	1.40B/*1.10	----	1.20 - 0.20	.0310	----	11	11	----	313	- 5					
2130	----	----	1.10B/*1.00A	1.10B/*1.00A	----	1.10 - 0.20	.0285	----	38	38	----	147	+					
2135	----	----	1.10B/*0.90A	1.10B/*0.90A	----	1.00 - 0.20	.0260	----	----	----	----	37	UNCH					
2140	1.10	1.10	1.10B/*0.90A	1.10B/*0.90A	----	1.00 - 0.10	.0255	----	9	9	----	214	+					
2145	----	----	1.00B/*0.80A	1.00B/*0.80A	----	0.90 - 0.10	.0231	----	----	----	----	68	UNCH					
2150	0.90	0.90	1.00B/*0.80A	1.00B/*0.80A	----	0.80 - 0.20	.0207	----	41	41	----	1735	UNCH					
2155	----	----	0.90B/*0.70A	0.90B/*0.70A	----	0.80 - 0.10	.0203	----	----	----	----	14	UNCH					
2160	0.90	0.90	0.90B/*0.70A	0.90B/*0.70A	----	0.70 - 0.20	.0180	----	1	1	----	92	+					
2165	----	----	0.80B/*0.60A	0.80B/*0.60A	----	0.70 - 0.10	.0177	----	----	----	----	227	UNCH					
2170	0.60	0.60	0.80B/*0.60A	0.80B/*0.60A	----	0.60 - 0.10	.0154	----	1	1	----	175	UNCH					
2175	----	----	0.70B/*0.60A	0.70B/*0.60A	----	0.60 - 0.10	.0152	----	----	----	----	140	UNCH					
2180	0.70	0.70	0.70B/*0.60A	0.70B/*0.60A	----	0.60 - 0.10	.0149	----	136	136	----	245	+					
2185	----	----	0.60B/----	0.60B/----	----	0.50 - 0.10	.0127	----	----	----	----	81	UNCH					
2190	----	----	0.60B/----	0.60B/----	----	0.50 - 0.10	.0125	----	----	----	----	164	UNCH					
2195	----	----	0.60B/----	0.60B/----	----	0.50 UNCH	.0123	----	----	----	----	36	UNCH					
2200	0.50	0.50	0.60B/*0.50	0.60B/*0.50	----	0.50 UNCH	.0121	----	12	12	----	6376	+					
2205	----	----	0.50B/----	0.50B/----	----	0.40 - 0.10	.0100	----	----	----	----	114	UNCH					
2210	----	----	0.50B/----	0.50B/----	----	0.40 - 0.10	.0098	----	----	----	----	11	UNCH					
2215	----	----	0.40B/*0.40	0.40B/*0.40	----	0.40 UNCH	.0097	----	----	----	----	71	UNCH					
2220	0.40	0.40	0.40B/*0.40	0.40B/*0.40	----	0.40 UNCH	.0096	----	15	15	----	54	+					
2225	----	----	0.40B/0.40	0.40B/0.40	----	0.40 UNCH	.0094	----	----	----	----	65	UNCH					
2230	0.40	0.40	0.40B/0.40	0.40B/0.40	----	0.40 UNCH	.0093	----	1	1	----	25	- 1					
2235	----	----	0.30B/0.30	0.30B/0.30	----	0.30 - 0.10	.0073	----	----	----	----	1	UNCH					
2240	----	----	0.30B/0.30	0.30B/0.30	----	0.30 UNCH	.0072	----	73	73	----	116	+					
2245	----	----	0.30B/0.30	0.30B/0.30	----	0.30 UN												

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														
APR23																
1400	----	----	----	550.80B/534.80A	550.80B/534.80A	----	----	----	545.60 - 1.10	1.0000	----	----	----	----	26	UNCH
1450	----	----	----	500.80B/484.80A	500.80B/484.80A	----	----	----	495.60 - 1.10	1.0000	----	----	----	----	46	UNCH
1510	----	----	----	440.80B/424.80A	440.80B/424.80A	----	----	----	435.60 - 1.10	.9996	----	----	----	----	1	UNCH
1550	----	----	----	400.50B/384.80A	400.50B/384.80A	----	----	----	395.60 - 1.10	.9992	----	----	----	----	5	UNCH
1585	----	----	----	365.90B/349.80A	365.90B/349.80A	----	----	----	360.60 - 1.10	.9967	----	----	----	----	1	UNCH
1595	----	----	----	355.90B/339.80A	355.90B/339.80A	----	----	----	350.60 - 1.10	.9965	----	----	----	----	0	UNCH
1600	----	----	----	350.80B/334.80A	350.80B/334.80A	----	----	----	345.60 - 1.10	.9947	----	----	----	----	16	UNCH
1605	----	----	----	345.90B/329.80A	345.90B/329.80A	----	----	----	340.60 - 1.10	.9946	----	----	----	----	0	UNCH
1610	----	----	----	340.90B/324.80A	340.90B/324.80A	----	----	----	335.60 - 1.10	.9944	----	----	----	----	0	UNCH
1615	----	----	----	335.80B/319.70A	335.80B/319.70A	----	----	----	330.60 - 1.10	.9943	----	----	----	----	0	UNCH
1620	----	----	----	330.90B/314.80A	330.90B/314.80A	----	----	----	325.60 - 1.10	.9942	----	----	----	----	1	UNCH
1625	----	----	----	325.90B/309.80A	325.90B/309.80A	----	----	----	320.60 - 1.10	.9941	----	----	----	----	0	UNCH
1630	----	----	----	320.80B/304.70A	320.80B/304.70A	----	----	----	315.60 - 1.10	.9923	----	----	----	----	6	UNCH
1635	----	----	----	315.90B/299.70A	315.90B/299.70A	----	----	----	310.60 - 1.10	.9921	----	----	----	----	12	UNCH
1640	----	----	----	310.90B/294.90A	310.90B/294.90A	----	----	----	305.60 - 1.10	.9920	----	----	----	----	14	UNCH
1645	----	----	----	305.90B/289.90A	305.90B/289.90A	----	----	----	300.60 - 1.10	.9918	----	----	----	----	15	UNCH
1650	286.90	----	286.90	300.90B/283.80A	300.90B/283.80A	----	----	----	295.60 - 1.10	.9917	----	1	----	----	251	-
1655	----	----	----	295.90B/279.80A	295.90B/279.80A	----	----	----	290.60 - 1.10	.9899	----	----	----	----	27	UNCH
1660	----	----	----	290.90B/274.70A	290.90B/274.70A	----	----	----	285.60 - 1.10	.9897	----	----	----	----	33	UNCH
1665	----	----	----	286.00B/269.90A	286.00B/269.90A	----	----	----	280.60 - 1.20	.9895	----	----	----	----	28	UNCH
1670	----	----	----	281.00B/264.90A	281.00B/264.90A	----	----	----	275.70 - 1.10	.9877	----	7	----	----	70	+
1675	----	----	----	276.60B/259.00A	276.60B/259.00A	----	----	----	270.70 - 1.10	.9874	----	----	----	----	33	UNCH
1680	----	----	----	271.20B/254.90A	271.20B/254.90A	----	----	----	265.70 - 1.20	.9856	----	----	----	----	11	UNCH
1685	----	----	----	266.10B/250.10A	266.10B/250.10A	----	----	----	260.70 - 1.20	.9838	----	----	----	----	12	UNCH
1690	----	----	----	261.30B/245.20A	261.30B/245.20A	----	----	----	255.80 - 1.20	.9835	----	----	----	----	15	UNCH
1695	----	----	----	256.20B/240.10A	256.20B/240.10A	----	----	----	250.90 - 1.10	.9817	----	----	----	----	6	UNCH
1700	240.60	----	240.60	251.80B/234.30A	251.80B/234.30A	----	----	----	245.90 - 1.20	.9799	----	3	----	----	927	+
1705	----	----	----	246.50B/230.30A	246.50B/230.30A	----	----	----	241.00 - 1.20	.9780	----	----	----	----	226	UNCH
1710	----	----	----	241.40B/225.40A	241.40B/225.40A	----	----	----	236.10 - 1.20	.9776	----	----	----	----	2	UNCH
1715	----	----	----	236.30B/220.60A	236.30B/220.60A	----	----	----	231.20 - 1.20	.9757	----	----	----	----	252	UNCH
1720	----	----	----	231.70B/215.80A	231.70B/215.80A	----	----	----	226.30 - 1.20	.9724	----	----	----	----	105	UNCH
1725	----	----	----	227.20B/209.90A	227.20B/209.90A	----	----	----	221.40 - 1.20	.9705	----	----	----	----	273	UNCH
1730	210.60	----	210.60	222.00B/206.10A	222.00B/206.10A	----	----	----	216.50 - 1.20	.9685	----	2	----	----	5	+
1735	----	----	----	217.10B/200.90A	217.10B/200.90A	----	----	----	211.70 - 1.20	.9652	----	----	----	----	2	UNCH
1740	----	----	----	212.20B/196.10A	212.20B/196.10A	----	----	----	206.90 - 1.20	.9618	----	----	----	----	152	UNCH
1745	----	----	----	207.40B/191.30A	207.40B/191.30A	----	----	----	202.10 - 1.20	.9585	----	----	----	----	157	UNCH
1750	----	----	----	202.90B/185.90A	202.90B/185.90A	----	----	----	197.30 - 1.20	.9551	----	----	----	----	976	UNCH
1755	----	----	----	197.80B/181.70A	197.80B/181.70A	----	----	----	192.50 - 1.20	.9516	----	----	----	----	4	UNCH
1760	----	----	----	192.90B/177.00A	192.90B/177.00A	----	----	----	187.70 - 1.20	.9482	----	----	----	----	54	UNCH
1765	----	----	----	188.20B/172.30A	188.20B/172.30A	----	----	----	183.00 - 1.20	.9434	----	----	----	----	5	UNCH
1770	----	----	----	183.40B/167.60A	183.40B/167.60A	----	----	----	178.20 - 1.30	.9398	----	----	----	----	111	UNCH
1775	173.40	----	173.40	179.00B/162.40A	179.00B/162.40A	----	----	----	173.50 - 1.30	.9350	----	3	----	----	107	+
1780	----	----	----	174.00B/158.30A	174.00B/158.30A	----	----	----	168.80 - 1.30	.9301	----	----	----	----	13	UNCH
1785	----	----	----	169.20B/153.80A	169.20B/153.80A	----	----	----	164.20 - 1.30	.9240	----	----	----	----	1	UNCH
1790	----	----	----	164.70B/149.10A	164.70B/149.10A	----	----	----	159.60 - 1.30	.9179	----	----	----	----	155	UNCH
1795	----	----	----	160.00B/144.10A	160.00B/144.10A	----	----	----	155.00 - 1.30	.9117	----	----	----	----	166	UNCH
1800	----	----	----	155.80B/139.60A	155.80B/139.60A	----	----	----	150.50 - 1.30	.9055	----	1	----	----	1492	UNCH
1805	146.80	----	146.80	151.00B/135.20A	151.00B/135.20A	----	----	----	146.00 - 1.30	.8982	----	1	----	----	31	+
1810	----	----	----	146.70B/130.80A	146.70B/130.80A	----	----	----	141.50 - 1.30	.8908	----	10	----	----	351	UNCH
1815	137.00	----	137.00	142.20B/126.40A	142.20B/126.40A	----	----	----	137.10 - 1.30	.8833	----	1	----	----	85	-
1820	----	----	----	137.70B/122.10A	137.70B/122.10A	----	----	----	132.70 - 1.30	.8748	----	1	----	----	1	UNCH
1825	125.30	----	125.30	133.30B/117.90A	133.30B/117.90A	----	----	----	128.30 - 1.40	.8653	----	2	----	----	310	-
1830	----	----	----	129.00B/113.70A	129.00B/113.70A	----	----	----	124.00 - 1.40	.8567	----	2	----	----	167	UNCH
1835	----	----	----	124.70B/109.50A	124.70B/109.50A	----	----	----	119.80 - 1.30	.8462	----	----	----	----	133	UNCH
1840	----	----	----	120.40B/105.60A	120.40B/105.60A	----	----	----	115.60 - 1.30	.8365	----	----	----	----	391	UNCH
1845	----	----	----	116.20B/101.60A	116.20B/101.60A	----	----	----	111.40 - 1.40	.8251	----	20	----	----	192	+
1850	105.00	----	105.00	112.10B/97.60A	112.10B/97.60A	----	----	----	107.40 - 1.30	.8136	----	258	----	----	1990	+
1855	99.80	----	99.80	108.00B/93.70A	108.00B/93.70A	----	----	----	103.30 - 1.50	.8014	----	1	----	----	422	UNCH
1860	94.50	----	94.50	104.00B/89.90A	104.00B/89.90A	----	----	----	99.40 - 1.50	.7891	----	2	----	----	59	UNCH
1865	----	----	----	100.10B/86.20A	100.10B/86.20A	----	----	----	95.50 - 1.60	.7760	----	----	----	----	88	UNCH
1870	----	----	----	96.20B/82.60A	96.20B/82.60A	----	----	----	91.70 - 1.60	.7628	----	2	----	----	28	-
1875	----	----	----	92.50B/79.10A	92.50B/79.10A	----	----	----	88.00 - 1.50	.7484	----	1	----	----	571	UNCH
1880	----	----	----	88.80B/75.60A	88.80B/75.60A	----	----	----	84.30 - 1.60	.7339	----	----	----	----	113	UNCH
1885	----	----	----	85.10B/72.30A	85.10B/72.30A	----	----	----	80.80 - 1.50	.7189	----	----	----	----	88	UNCH
1890	----	----	----	81.60B/69.00A	81.60B/69.00A	----	----	----	77.30 - 1.60	.7033	----	----	----	----	704	UNCH
1895	71.30	----	71.3													

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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																
APR23																	
2255	----	----		2.00B/*1.70A	2.00B/*1.70A	----			1.70 - 0.10	.0278	----	----	----	----		26 UNCH	
2260	----	----		1.90B/*1.60A	1.90B/*1.60A	----			1.70 UNCH	.0275	----	----	----	----		79 UNCH	
2265	1.60	1.60		1.90B/*1.50A	1.90B/*1.50A	----			1.60 - 0.10	.0260	----	----	20	----		27 + 17	
2270	1.60	1.60		1.80B/*1.50A	1.80B/*1.50A	----			1.50 - 0.10	.0245	----	----	2	----		9 - 2	
2275	----	----		1.70B/*1.40A	1.70B/*1.40A	----			1.50 UNCH	.0242	----	----	32	----		187 + 32	
2280	----	----		1.70B/*1.40A	1.70B/*1.40A	----			1.40 - 0.10	.0227	----	----	25	----		155 + 21	
2285	----	----		1.60B/*1.30A	1.60B/*1.30A	----			1.40 UNCH	.0225	----	----	1	----		7 - 1	
2290	----	----		1.50B/*1.30A	1.50B/*1.30A	----			1.30 - 0.10	.0210	----	----	----	----		5 UNCH	
2300	1.20	1.20		1.40B/*1.20	1.40B/*1.20	----			1.20 - 0.10	.0194	----	----	7	----		1303 + 4	
2310	1.20	1.20		1.30B/*1.10A	1.30B/*1.10A	----			1.10 - 0.10	.0178	----	----	1	----		30 UNCH	
2320	----	----		1.20B/*1.00A	1.20B/*1.00A	----			1.10 UNCH	.0174	----	----	1	----		50 UNCH	
2325	----	----		1.20B/----	1.20B/----	----			1.00 UNCH	.0160	----	----	----	----		71 UNCH	
2330	----	----		1.10B/----	1.10B/----	----			1.00 UNCH	.0159	----	----	----	----		7 UNCH	
2340	----	----		1.00B/----	1.00B/----	----			0.90 UNCH	.0143	----	----	----	----		8 UNCH	
2350	0.90	0.90		0.90/0.90	0.90/0.90	----			0.90 UNCH	.0141	----	----	2	----		1422 UNCH	
2360	0.80	0.80		0.90B/*0.80	0.90B/*0.80	----			0.80 UNCH	.0126	----	----	1	----		21 UNCH	
2370	----	----				----			0.80 UNCH	.0124	----	----	----	----		138 UNCH	
2375	----	----		0.80B/----	0.80B/----	----			0.70 UNCH	.0110	----	----	----	----		138 UNCH	
2400	----	----		0.70B/----	0.70B/----	----			0.60 UNCH	.0093	----	----	----	----		678 UNCH	
2425	----	----		0.60B/----	0.60B/----	----			0.60 + 0.10	.0090	----	----	----	----		63 UNCH	
2450	----	----				----			0.50 UNCH	.0074	----	----	----	----		86 UNCH	
2475	0.50	0.50		0.50/0.50	0.50/0.50	----			0.40 UNCH	.0060	----	----	2	----		78 + 2	
2500	----	----				----			0.40 UNCH	.0058	----	----	----	----		911 UNCH	
2525	0.30	0.30		0.30/*0.30	0.30/*0.30	----			0.40 + 0.10	.0056	----	----	40	----		374 UNCH	
2550	0.40	0.40		0.40/*0.30	0.40/*0.30	----			0.30 UNCH	.0042	----	----	46	----		360 + 15	
2700	0.20	0.20		0.20/0.20	0.20/0.20	----			0.20 UNCH	.0026	----	----	10	----		1289 + 10	
3000	0.10	0.10		0.10/0.10	0.10/0.10	----			0.20 + 0.10	.0020	----	----	25	----		620 + 25	
TOTAL													8139	300		60932 - 1066	
MAY23																	
1250	----	----		717.00B/702.00A	717.00B/702.00A	----			712.30 - 1.20	1.0000	----	----	----	----		1 UNCH	
1300	----	----		667.10B/651.90A	667.10B/651.90A	----			662.30 - 1.20	1.0000	----	----	----	----		9 UNCH	
1570	----	----		397.30B/381.70A	397.30B/381.70A	----			392.30 - 1.20	.9948	----	----	----	----		5 UNCH	
1575	----	----		392.30B/376.70A	392.30B/376.70A	----			387.30 - 1.20	.9947	----	----	----	----		0 UNCH	
1580	----	----		387.20B/371.70A	387.20B/371.70A	----			382.30 - 1.20	.9931	----	----	----	----		1 UNCH	
1595	----	----		372.20B/356.60A	372.20B/356.60A	----			367.30 - 1.20	.9913	----	----	----	----		1 UNCH	
1600	----	----		367.30B/351.70A	367.30B/351.70A	----			362.30 - 1.20	.9911	----	----	----	----		4 UNCH	
1610	----	----		357.30B/341.80A	357.30B/341.80A	----			352.30 - 1.20	.9894	----	----	----	----		2 UNCH	
1625	336.70	336.70		342.40B/325.50A	342.40B/325.50A	----			337.30 - 1.20	.9875	----	----	1	----		4 UNCH	
1630	----	----		337.40B/321.80A	337.40B/321.80A	----			332.30 - 1.20	.9860	----	----	----	----		2 UNCH	
1635	----	----		332.50B/316.80A	332.50B/316.80A	----			327.30 - 1.30	.9858	----	----	----	----		1 UNCH	
1650	----	----		318.20B/300.70A	318.20B/300.70A	----			312.40 - 1.30	.9825	----	----	----	----		6 UNCH	
1660	----	----		307.80B/292.10A	307.80B/292.10A	----			302.50 - 1.30	.9795	----	----	----	----		6 UNCH	
1665	----	----		302.90B/287.20A	302.90B/287.20A	----			297.60 - 1.20	.9780	----	----	----	----		6 UNCH	
1670	----	----		297.80B/282.30A	297.80B/282.30A	----			292.60 - 1.30	.9764	----	----	----	----		8 UNCH	
1675	----	----		293.50B/276.20A	293.50B/276.20A	----			287.70 - 1.30	.9749	----	----	----	----		7 UNCH	
1680	----	----		288.10B/272.50A	288.10B/272.50A	----			282.80 - 1.30	.9733	----	----	----	----		9 UNCH	
1685	----	----		283.20B/267.60A	283.20B/267.60A	----			277.90 - 1.30	.9718	----	----	----	----		3 UNCH	
1690	----	----		278.30B/262.70A	278.30B/262.70A	----			273.00 - 1.30	.9702	----	----	----	----		7 UNCH	
1695	----	----		273.40B/257.90A	273.40B/257.90A	----			268.10 - 1.30	.9686	----	----	----	----		8 UNCH	
1700	257.50	257.50		269.00B/251.80A	269.00B/251.80A	----			263.30 - 1.20	.9658	----	----	3	----		33 UNCH	
1705	----	----		263.70B/248.20A	263.70B/248.20A	----			258.40 - 1.30	.9631	----	----	----	----		6 UNCH	
1710	----	----		258.80B/243.40A	258.80B/243.40A	----			253.50 - 1.30	.9614	----	----	----	----		1 UNCH	
1715	----	----		253.90B/238.40A	253.90B/238.40A	----			248.60 - 1.40	.9597	----	----	----	----		1 UNCH	
1720	----	----		249.10B/233.80A	249.10B/233.80A	----			243.80 - 1.40	.9569	----	----	----	----		4 UNCH	
1735	----	----		234.70B/219.50A	234.70B/219.50A	----			229.50 - 1.40	.9474	----	----	----	----		2 UNCH	
1740	----	----		230.00B/214.80A	230.00B/214.80A	----			224.80 - 1.40	.9435	----	----	----	----		4 UNCH	
1750	212.60	212.60		220.80B/204.20A	220.80B/204.20A	----			215.30 - 1.50	.9367	----	----	2	----		287 - 1	
1760	----	----		211.20B/196.10A	211.20B/196.10A	----			206.00 - 1.50	.9287	----	----	----	----		1 UNCH	
1775	----	----		197.60B/181.30A	197.60B/181.30A	----			192.20 - 1.50	.9138	----	----	58	----		296 + 36	
1785	180.70	180.70		188.20B/172.40A	188.20B/172.40A	----			183.10 - 1.50	.9029	----	----	2	----		3 UNCH	
1790	176.00	176.00		183.90B/167.90A	183.90B/167.90A	----			NEW 178.60	.8969	----	----	2	----		2 + 2	
1800	----	----		174.90B/159.20A	174.90B/159.20A	----			169.70 - 1.50	.8849	----	----	----	----		225 UNCH	
1810	158.60	158.60		166.00B/150.50A	166.00B/150.50A	----			160.90 - 1.60	.8711	----	----	2	----		2 UNCH	
1825	----	----		153.00B/137.90A	153.00B/137.90A	----			148.10 - 1.60	.8487	----	----	----	----		119 UNCH	
1830	----	----		148.80B/133.80A	148.80B/133.80A	----			143.90 - 1.60	.8402	----	----	----	----		22 UNCH	
1835	----	----		144.60B/129.80A	144.60B/129.80A	----			139.70 - 1.60	.8316	----	----	----	----		5 UNCH	
1840	----	----		140.40B/125.80A	140												

	BULLETIN # 18@				METALS OPTION PRODUCTS				Fri, Jan 27, 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														
2200	7.00	7.00	7.80B/6.50A	7.80B/6.50A	----	7.30 - 0.40	.0935	----	----	3	----	95	UNCH	
2210	----	----	7.20B/6.00A	7.20B/6.00A	----	6.70 - 0.40	.0864	----	----	6	----	46 +	6	
2215	6.00	6.00	7.00B/5.80A	7.00B/5.80A	----	6.50 - 0.30	.0837	----	----	1	----	1 -	1	
2220	5.90	5.90	6.70B/5.60A	6.70B/5.60A	----	6.20 - 0.40	.0802	----	----	4	----	153	UNCH	
2225	----	----	6.50B/5.40A	6.50B/5.40A	----	6.00 - 0.30	.0776	----	----	2	----	164	UNCH	
2230	----	----	6.20B/5.20A	6.20B/5.20A	----	5.70 - 0.40	.0742	----	----	6	----	91 +	3	
2235	----	----	6.00B/5.00A	6.00B/5.00A	----	5.50 NEW	.0716	----	----	1	----	1 +	1	
2240	5.20	5.20	5.80B/4.90A	5.80B/4.90A	----	5.30 - 0.30	.0691	----	----	14	----	93 +	13	
2245	----	----	5.60B/4.70A	5.60B/4.70A	----	5.10 - 0.30	.0666	----	----	1	----	6 +	1	
2250	4.70	4.70	5.40B/4.50A	5.40B/4.50A	----	4.90 - 0.30	.0641	----	----	10	----	238 +	5	
2255	----	----	5.20B/4.40A	5.20B/4.40A	----	4.70 - 0.30	.0616	----	----	2	----	3 +	2	
2260	----	----	5.10B/*4.20A	5.10B/*4.20A	----	4.50 - 0.30	.0592	----	----	----	----	11	UNCH	
2265	----	----	4.90B/*4.10A	4.90B/*4.10A	----	4.40 - 0.30	.0577	----	----	1	----	7 -	1	
2270	----	----	4.70B/*4.00A	4.70B/*4.00A	----	4.20 - 0.30	.0553	----	----	----	----	18	UNCH	
2275	----	----	4.60B/*3.80A	4.60B/*3.80A	----	4.10 - 0.20	.0538	----	----	4	----	54 +	2	
2280	----	----	4.40B/*3.70A	4.40B/*3.70A	----	4.00 - 0.20	.0524	----	----	4	----	70 +	2	
2290	----	----	4.10B/*3.50A	4.10B/*3.50A	----	3.70 - 0.20	.0486	----	----	4	----	61 +	4	
2300	----	----	3.90B/*3.30A	3.90B/*3.30A	----	3.50 - 0.10	.0458	----	----	14	----	204 -	4	
2310	----	----	3.60B/*3.10A	3.60B/*3.10A	----	3.30 - 0.10	.0431	----	----	1	----	30	UNCH	
2320	----	----	3.40B/*2.90A	3.40B/*2.90A	----	3.10 - 0.10	.0405	----	----	2	----	57	UNCH	
2325	3.00	3.00	3.30B/*2.80A	3.30B/*2.80A	----	3.00 - 0.10	.0392	----	----	24	----	39 +	4	
2330	----	----	3.20B/*2.70A	3.20B/*2.70A	----	2.90 - 0.10	.0379	----	----	1	----	13 +	1	
2340	2.60	2.60	3.00B/*2.60	3.00B/*2.60	----	2.60 - 0.20	.0343	----	----	36	----	42 +	36	
2350	2.30	2.30	2.80B/*2.30	2.80B/*2.30	----	2.60 UNCH	.0338	----	----	5	----	66 +	4	
2360	----	----	2.60B/*2.30A	2.60B/*2.30A	----	2.50 UNCH	.0323	----	----	1	----	11 +	1	
2370	2.40	2.40	2.40/*2.20A	2.40/*2.20A	----	2.30 UNCH	.0298	----	----	2	----	183 +	2	
2375	2.10	2.10	2.40B/*2.10	2.40B/*2.10	----	2.20 UNCH	.0286	----	----	2	----	63 -	2	
2400	----	----	2.00B/*1.80A	2.00B/*1.80A	----	1.90 UNCH	.0246	----	----	10	----	332 -	2	
2425	----	----	1.80B/*1.60A	1.80B/*1.60A	----	1.70 UNCH	.0218	----	----	----	----	90	UNCH	
2450	----	----	----/*1.40A	----/*1.40A	----	1.50 UNCH	.0191	----	----	----	----	36	UNCH	
2475	----	----	----	----	----	1.30 UNCH	.0165	----	----	----	----	7	UNCH	
2500	----	----	----	----	----	1.10 - 0.10	.0140	----	----	----	----	140	UNCH	
2525	1.00	1.00	1.00/*1.00	1.00/*1.00	----	1.00 UNCH	.0126	----	----	1	----	6 +	1	
2550	----	----	----	----	----	0.90 UNCH	.0112	----	----	65	----	60 +	25	
2600	0.60	0.60	0.60/*0.60	0.60/*0.60	----	0.70 UNCH	.0087	----	----	20	----	76 +	19	
2750	0.40	0.40	0.40/*0.40	0.40/*0.40	----	0.50 + 0.10	.0057	----	----	1	----	261	UNCH	
TOTAL										1458		18318 +	202	
JUN23														
1400	----	----	566.70B/552.20A	566.70B/552.20A	----	562.30 - 1.20	1.0000	----	----	----	----	212	UNCH	
1450	----	----	516.80B/502.10A	516.80B/502.10A	----	512.30 - 1.20	.9999	----	----	----	----	3	UNCH	
1485	----	----	481.80B/467.10A	481.80B/467.10A	----	477.30 - 1.20	.9977	----	----	----	----	200	UNCH	
1500	----	----	466.80B/452.00A	466.80B/452.00A	----	462.30 - 1.20	.9959	----	----	----	----	448	UNCH	
1525	----	----	441.90B/427.00A	441.90B/427.00A	----	437.30 - 1.20	.9926	----	----	----	----	0	UNCH	
1550	----	----	416.90B/402.00A	416.90B/402.00A	----	412.30 - 1.20	.9895	----	----	----	----	0	UNCH	
1570	----	----	397.00B/382.00A	397.00B/382.00A	----	392.30 - 1.20	.9876	----	----	----	----	1	UNCH	
1575	----	----	392.00B/375.50A	392.00B/375.50A	----	387.30 - 1.20	.9863	----	----	----	----	12	UNCH	
1585	----	----	382.10B/367.10A	382.10B/367.10A	----	377.30 - 1.20	.9848	----	----	----	----	2	UNCH	
1590	----	----	377.10B/362.20A	377.10B/362.20A	----	372.30 - 1.20	.9834	----	----	----	----	2	UNCH	
1600	----	----	368.20B/350.70A	368.20B/350.70A	----	362.30 - 1.30	.9808	----	----	5	----	44 +	3	
1605	----	----	362.30B/347.20A	362.30B/347.20A	----	357.40 - 1.20	.9806	----	----	----	----	6	UNCH	
1615	----	----	352.30B/337.30A	352.30B/337.30A	----	347.50 - 1.30	.9779	----	----	----	----	2	UNCH	
1625	334.30	334.30	343.40B/326.10A	343.40B/326.10A	----	337.60 - 1.30	.9743	----	----	4	----	7 +	4	
1630	----	----	337.70B/322.60A	337.70B/322.60A	----	332.70 - 1.30	.9729	----	----	----	----	1	UNCH	
1640	----	----	327.90B/312.80A	327.90B/312.80A	----	322.90 - 1.30	.9702	----	----	----	----	1	UNCH	
1650	308.00	308.00	318.90B/301.70A	318.90B/301.70A	----	313.10 - 1.30	.9665	----	----	8	----	14 +	8	
1660	----	----	308.50B/293.70A	308.50B/293.70A	----	303.40 - 1.30	.9619	----	----	----	----	50	UNCH	
1665	----	----	303.60B/288.60A	303.60B/288.60A	----	298.50 - 1.30	.9605	----	----	----	----	30	UNCH	
1670	----	----	298.70B/283.70A	298.70B/283.70A	----	293.70 - 1.30	.9581	----	----	----	----	91	UNCH	
1675	----	----	294.60B/277.60A	294.60B/277.60A	----	288.90 - 1.30	.9558	----	----	----	----	314	UNCH	
1680	----	----	289.10B/274.10A	289.10B/274.10A	----	284.10 - 1.30	.9534	----	----	----	----	3	UNCH	
1685	----	----	284.40B/269.40A	284.40B/269.40A	----	279.30 - 1.40	.9510	----	----	----	----	11	UNCH	
1690	----	----	279.60B/264.60A	279.60B/264.60A	----	274.50 - 1.40	.9486	----	----	----	----	9	UNCH	
1695	----	----	274.80B/259.90A	274.80B/259.90A	----	269.70 - 1.50	.9454	----	----	----	----	5	UNCH	
1700	----	----	270.60B/253.80A	270.60B/253.80A	----	265.00 - 1.40	.9429	----	----	----	----	749	UNCH	
1705	----	----	265.30B/250.40A	265.30B/250.40A	----	260.20 - 1.50	.9397	----	----	----	----	3	UNCH	
1710	----	----	260.60B/245.70A	260.60B/245.70A	----	255.50 - 1.50	.9364	----	----	----	----	4	UNCH	
1715	----	----	255.90B/241.10A	255.90B/241.10A	----	250.80 - 1.50	.9330	----	----	----	----	6	UNCH	
1720	----	----	251.20B/236.40A	251.20B/236.40A	----	246.20 - 1.50	.9297	----	----	----	----	10	UNCH	
1725	----	----	247.10B/230.60A	247.10B/230.60A	----	241.50 - 1.50	.9263	----	----	----	----	94	UNCH	
1730	----	----	242.00B/227.20A	242.00B/227.20A	----	236.90 - 1.50	.9222	----	----	----	----	8	UNCH	
1735	----	----	237.30B/222.60A	237.30B/222.60A	----	232.30 - 1.50	.9187	----	----	----	----	201	UNCH	
1740	----	----	232.70B/218.00A	232.70B/218.00A	----	227.70 - 1.50	.9145	----	----	----	----	1	UNCH	
1745	----	----	228.20B/212.30A	228.20B/212.30A	----	223.10 - 1.50	.9096	----	----	----	----	22	UNCH	
1750														



2023 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>

CME Group, Inc.

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

Customer Service: (312) 930-1000

FINAL

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													
2085	----	----	30.208/25.20A	30.208/25.20A	----	27.90 - 1.70	.2649	----	----	----	----	52	UNCH
2090	----	----	29.108/24.30A	29.108/24.30A	----	27.00 - 1.60	.2574	----	----	----	----	2	UNCH
2095	----	----	28.108/23.50A	28.108/23.50A	----	26.00 - 1.60	.2496	----	----	46	----	52 +	41
2100	----	----	27.208/22.70A	27.208/22.70A	----	25.10 - 1.60	.2422	----	----	104	----	2547 -	34
2105	----	----	26.308/21.90A	26.308/21.90A	----	24.30 - 1.50	.2354	----	----	----	----	2	UNCH
2110	----	----	25.408/21.10A	25.408/21.10A	----	23.40 - 1.50	.2281	----	----	----	----	7	UNCH
2115	23.50	23.50	24.508/20.40A	24.508/20.40A	----	22.70 - 1.40	.2218	----	----	4	----	42 -	4
2120	----	----	23.708/19.70A	23.708/19.70A	----	21.90 - 1.40	.2151	----	----	----	----	17	UNCH
2125	----	----	22.908/19.10A	22.908/19.10A	----	21.20 - 1.30	.2089	----	----	881	----	1824 +	695
2130	----	----	22.108/18.40A	22.108/18.40A	----	20.50 - 1.30	.2028	----	----	----	----	10	UNCH
2135	----	----	21.408/17.90A	21.408/17.90A	----	19.80 - 1.30	.1968	----	----	----	----	112	UNCH
2140	18.70	18.70	20.708/17.20A	20.708/17.20A	----	19.10 - 1.30	.1907	----	----	5	----	170 +	5
2145	----	----	20.008/16.70A	20.008/16.70A	----	18.50 - 1.20	.1853	----	----	----	----	8	UNCH
2150	----	----	19.308/16.20A	19.308/16.20A	----	17.90 - 1.10	.1798	----	----	----	----	7017	UNCH
2155	----	----	18.708/15.60A	18.708/15.60A	----	17.30 - 1.10	.1745	----	----	----	----	9	UNCH
2160	----	----	18.108/15.10A	18.108/15.10A	----	16.70 - 1.10	.1691	----	----	----	----	7	UNCH
2165	----	----	17.508/14.60A	17.508/14.60A	----	16.20 - 1.10	.1644	----	----	----	----	65	UNCH
2170	----	----	16.908/14.20A	16.908/14.20A	----	15.70 - 1.00	.1597	----	----	----	----	42	UNCH
2175	15.70	15.70	16.308/13.70A	16.308/13.70A	----	15.20 - 1.00	.1550	----	----	200	----	301 +	148
2180	----	----	15.808/13.30A	15.808/13.30A	----	14.70 - 1.00	.1504	----	----	----	----	21	UNCH
2185	----	----	15.308/12.90A	15.308/12.90A	----	14.20 - 1.00	.1458	----	----	----	----	40	UNCH
2190	----	----	14.808/12.50A	14.808/12.50A	----	13.70 - 1.00	.1413	----	----	----	----	1	UNCH
2195	----	----	14.308/12.10A	14.308/12.10A	----	13.30 - 0.90	.1374	----	----	----	----	26	UNCH
2200	----	----	----/11.70A	----/11.70A	----	12.90 - 0.90	.1335	----	----	78	----	4056	UNCH
2210	----	----	----/11.00A	----/11.00A	----	12.10 - 0.90	.1258	----	----	----	----	2	UNCH
2215	----	----	----/10.70A	----/10.70A	----	11.70 - 0.90	.1220	----	----	----	----	43	UNCH
2220	11.90	11.90	11.90/10.40A	11.90/10.40A	----	11.30 - 0.90	.1182	----	----	6	----	38 -	6
2225	----	----	----/10.00A	----/10.00A	----	11.00 - 0.80	.1151	----	----	----	----	24	UNCH
2230	----	----	----/9.70A	----/9.70A	----	10.70 - 0.70	.1120	----	----	----	----	75	UNCH
2235	----	----	----/9.50A	----/9.50A	----	10.30 - 0.80	.1083	----	----	----	----	16	UNCH
2240	----	----	----/9.20A	----/9.20A	----	10.00 - 0.80	.1053	----	----	----	----	31	UNCH
2245	----	----	----/8.90A	----/8.90A	----	9.70 - 0.70	.1023	----	----	----	----	1791	UNCH
2250	----	----	----/8.70A	----/8.70A	----	9.40 - 0.70	.0994	----	5	----	----	1751 +	5
2255	----	----	----/8.40A	----/8.40A	----	9.20 - 0.60	.0971	----	----	----	----	1	UNCH
2260	----	----	----/8.20A	----/8.20A	----	8.90 - 0.60	.0942	----	----	----	----	1	UNCH
2265	----	----	----/7.90A	----/7.90A	----	8.60 - 0.60	.0913	----	----	----	----	3	UNCH
2270	----	----	----/7.70A	----/7.70A	----	8.40 - 0.60	.0891	----	1	----	----	38 +	1
2275	----	----	----/7.50A	----/7.50A	----	8.20 - 0.50	.0869	----	----	----	----	135	UNCH
2285	----	----	----/7.10A	----/7.10A	----	7.70 - 0.50	.0819	----	1	----	----	6 +	1
2290	----	----	----/6.90A	----/6.90A	----	7.50 - 0.50	.0798	----	1	----	----	0 -	1
2295	----	----	7.808/6.70A	7.808/6.70A	----	7.30 - 0.40	.0777	----	----	----	----	4	UNCH
2300	6.80	6.80	6.80/6.50A	6.80/6.50A	----	7.10 - 0.40	.0756	----	----	53	----	3848 +	2
2310	----	----	----/6.20A	----/6.20A	----	6.70 - 0.40	.0715	----	----	----	----	15	UNCH
2315	----	----	----/6.00A	----/6.00A	----	6.50 - 0.40	.0695	----	----	----	----	1	UNCH
2320	----	----	6.808/5.90A	6.808/5.90A	----	6.30 - 0.40	.0674	----	1	----	----	2 +	1
2325	6.20	6.20	6.608/5.70A	6.608/5.70A	----	6.20 - 0.30	.0662	----	5	----	----	34 +	5
2330	----	----	6.408/5.60A	6.408/5.60A	----	6.00 - 0.30	.0642	----	----	----	----	1	UNCH
2335	----	----	6.208/*5.40A	6.208/*5.40A	----	5.80 - 0.30	.0622	----	----	----	----	1	UNCH
2340	----	----	6.108/5.30A	6.108/5.30A	----	5.70 - 0.30	.0610	----	----	----	----	1	UNCH
2350	5.20	5.20	5.50/*5.00A	5.50/*5.00A	----	5.40 - 0.30	.0578	----	----	34	----	85 +	3
2360	----	----	*/4.80A	*/4.80A	----	5.10 - 0.30	.0547	----	2	----	----	28 +	2
2370	----	----	5.208/*4.50A	5.208/*4.50A	----	4.90 - 0.20	.0524	----	1	----	----	14 +	1
2375	----	----	*/4.40A	*/4.40A	----	4.70 - 0.30	.0505	----	----	----	----	26	UNCH
2380	----	----	4.908/*4.30A	4.908/*4.30A	----	4.60 - 0.20	.0494	----	----	----	----	3	UNCH
2390	----	----	4.708/*4.10A	4.708/*4.10A	----	4.40 - 0.20	.0472	----	----	----	----	3	UNCH
2400	4.10	4.10	4.10/*3.90A	4.10/*3.90A	----	4.20 - 0.20	.0450	----	3	----	----	929	UNCH
2420	3.70	3.70	4.10/*3.60A	4.10/*3.60A	----	3.80 - NEW	.0407	----	10	----	----	10 +	10
2425	3.40	3.40	3.40/*3.40	3.40/*3.40	----	3.70 - 0.20	.0396	----	6	----	----	20 +	6
2430	----	----	*/3.40A	*/3.40A	----	3.60 - 0.20	.0386	----	----	----	----	3	UNCH
2440	----	----	3.708/*3.30A	3.708/*3.30A	----	3.40 - 0.20	.0365	----	----	----	----	9	UNCH
2450	3.30	3.30	3.508/*3.10A	3.508/*3.10A	----	3.30 - 0.10	.0353	----	21	----	----	55 +	19
2475	----	----	3.108/*2.80A	3.108/*2.80A	----	2.90 - 0.10	.0311	----	----	----	----	1	UNCH
2500	----	----	2.808/*2.50A	2.808/*2.50A	----	2.60 - 0.10	.0278	----	1	----	----	1516 +	1
2550	----	----	*/2.10A	*/2.10A	----	2.10 - 0.10	.0223	----	----	----	----	45	UNCH
2575	----	----	*/1.90A	*/1.90A	----	1.90 - 0.10	.0201	----	----	----	----	9	UNCH
2600	----	----	----	----	----	1.70 - 0.10	.0180	----	----	----	----	1396	UNCH
2625	----	----	----	----	----	1.60 UNCH	.0167	----	----	----	----	80	UNCH
2700	1.10	1.10	1.10/*1.10	1.10/*1.10	----	1.20 UNCH	.0124	----	6	----	----	856	UNCH
2850	----	----	----	----	----	0.80 UNCH	.0079	----	----	----	----	68	UNCH
2900	0.60	0.60	0.70/*0.60	0.70/*0.60	----	0.70 UNCH	.0068	----	21	----	----	20	UNCH
3000	0.60	0.60	0.60/0.60	0.60/0.60	----	0.60 + 0.10	.0056	----	----	152	----	1998	UNCH
TOTAL										2754		70658 +	1019
JUL23													
1300	----	----	683.008/669.50A	683.008/669.50A	----	679.00 - 1.20	1.0000	----	----	----	----	2	UNCH
1430	----	----	553.208/539.30A	553.208/539.30A	----	549.00 - 1.20	.9990	----	----	----	----	2	UNCH
1480	----	----	503.308/489.20A	503.308/489.20A	----	499.00 - 1.20	.9940	----	----	----	----	1	UNCH
1490	----	----	493.308/479.20A	493.308/479.20A	----	489.00 - 1.20	.9926	----	----	----	----	1	UNCH
1500	----	----	483.408/469.20A	483.408/469.20A	----	479.00 - 1.20	.9923	----	----	----	----	16	UNCH
1510	----	----	473.408/459.20A	473.408/459.20A	----	469.00 - 1.20	.9909	----	----	----	----	1	UNCH
153													

64	BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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	COMEX GOLD OPTIONS																		
JUL23																			
2105	----	----	----	38.80B/33.70A	38.80B/33.70A	----	----	36.60 - 1.60	.2929	----	----	----	----	1	UNCH				
2110	----	----	----	37.70B/32.70A	37.70B/32.70A	----	----	35.50 - 1.70	.2857	----	----	----	----	13	UNCH				
2115	----	----	----	36.60B/31.80A	36.60B/31.80A	----	----	34.50 - 1.60	.2789	----	----	----	----	1	UNCH				
2125	----	----	----	34.50B/29.80A	34.50B/29.80A	----	----	32.60 - 1.50	.2657	----	----	----	----	36	UNCH				
2130	----	----	----	33.60B/29.20A	33.60B/29.20A	----	----	31.70 - 1.50	.2593	----	----	----	----	1	UNCH				
2140	----	----	----	31.70B/27.60A	31.70B/27.60A	----	----	29.90 - 1.50	.2468	----	----	----	----	93	UNCH				
2150	26.60	26.60		30.00B/25.90A	30.00B/25.90A	----	----	28.30 - 1.40	.2351	----	----	57		2035 -	57				
2155	----	----	----	29.10B/25.30A	29.10B/25.30A	----	----	27.50 - 1.40	.2294	----	----	----	----	1	UNCH				
2160	----	----	----	28.30B/24.70A	28.30B/24.70A	----	----	26.70 - 1.40	.2236	----	----	----	----	5	UNCH				
2165	25.00	25.00		27.50B/24.00A	27.50B/24.00A	----	----	26.00 - 1.40	.2184	----	----	1		1	UNCH				
2170	----	----	----	26.80B/23.30A	26.80B/23.30A	----	----	25.30 - 1.30	.2131	----	----	----	----	1	UNCH				
2175	----	----	----	26.00B/22.60A	26.00B/22.60A	----	----	24.60 - 1.30	.2079	----	----	----	----	30	UNCH				
2195	----	----	----	----/20.40A	----/20.40A	----	----	22.10 - 1.20	.1887	----	----	----	----	26	UNCH				
2200	21.00	21.00		22.70B/19.70A	22.70B/19.70A	----	----	21.50 - 1.10	.1842	----	----	1		417	UNCH				
2215	----	----	----	----/18.30A	----/18.30A	----	----	19.80 - 1.10	.1710	----	----	----	----	16	UNCH				
2220	----	----	----	----/17.90A	----/17.90A	----	----	19.30 - 1.10	.1670	----	----	----	----	50	UNCH				
2225	----	----	----	19.90B/17.30A	19.90B/17.30A	----	----	18.80 - 1.00	.1630	----	----	----	----	39	UNCH				
2230	----	----	----	----/16.90A	----/16.90A	----	----	18.30 - 1.00	.1591	----	----	----	----	1	UNCH				
2240	----	----	----	----/16.10A	----/16.10A	----	----	17.40 - 0.90	.1518	----	----	----	----	1	UNCH				
2250	----	----	----	----/15.20A	----/15.20A	----	----	16.50 - 0.90	.1446	----	----	----	----	318	UNCH				
2265	----	----	----	----/14.20A	----/14.20A	----	----	15.30 - 0.80	.1347	----	----	----	----	1	UNCH				
2270	----	----	----	----/13.80A	----/13.80A	----	----	14.90 - 0.80	.1314	----	----	----	----	6	UNCH				
2275	----	----	----	----/13.50A	----/13.50A	----	----	14.50 - 0.80	.1282	----	----	----	----	7	UNCH				
2280	----	----	----	----/13.20A	----/13.20A	----	----	14.20 - 0.70	.1255	----	----	----	----	1	UNCH				
2300	----	----	----	----/12.00A	----/12.00A	----	----	12.80 - 0.70	.1140	----	----	----	----	4329	UNCH				
2325	----	----	----	----/10.60A	----/10.60A	----	----	11.40 - 0.60	.1019	----	----	1		11 +	1				
2330	----	----	----	----/10.40A	----/10.40A	----	----	11.10 - 0.60	.0994	----	----	----	----	2	UNCH				
2340	----	----	----	----/9.90A	----/9.90A	----	----	10.60 - 0.60	.0951	----	----	2		2 +	1				
2350	----	----	----	----/9.50A	----/9.50A	----	----	10.10 - 0.50	.0908	----	----	1		10 +	1				
2360	----	----	----	----/9.10A	----/9.10A	----	----	9.70 - 0.50	.0872	----	----	----	----	2	UNCH				
2370	----	----	----	----/8.70A	----/8.70A	----	----	9.20 - 0.50	.0830	----	----	1		1 -	1				
2400	----	----	----	----/7.60A	----/7.60A	----	----	8.10 - 0.40	.0732	----	----	----	----	219	UNCH				
2425	----	----	----	----/6.90A	----/6.90A	----	----	7.30 - 0.30	.0660	----	----	----	----	1	UNCH				
2450	----	----	----	6.90B/6.20A	6.90B/6.20A	----	----	6.50 - 0.30	.0590	----	----	----	----	50	UNCH				
2475	----	----	----	----/*5.60A	----/*5.60A	----	----	5.90 - 0.30	.0535	----	----	----	----	5	UNCH				
2500	5.40	5.40		5.70B/*5.10A	5.70B/*5.10A	----	----	5.40 - 0.20	.0488	----	----	48		794 +	40				
2550	----	----	----	4.70B/*4.30A	4.70B/*4.30A	----	----	4.40 - 0.20	.0399	----	----	8		10 +	8				
2575	----	----	----	4.30B/*3.90A	4.30B/*3.90A	----	----	4.10 - 0.10	.0369	----	----	----	----	2	UNCH				
2700	2.60	2.60		2.80B/*2.60	2.80B/*2.60	----	----	2.70 UNCH	.0240	----	----	20		183 -	20				
TOTAL												205		15370 -	57				
AUG23																			
1450	----	----	----	533.00B/519.50A	533.00B/519.50A	----	----	529.00 - 1.20	.9935	----	----	----	----	2	UNCH				
1500	----	----	----	483.10B/469.40A	483.10B/469.40A	----	----	479.00 - 1.20	.9860	----	----	----	----	17	UNCH				
1550	----	----	----	434.80B/417.70A	434.80B/417.70A	----	----	429.00 - 1.20	.9769	----	----	----	----	2	UNCH				
1575	----	----	----	410.10B/393.10A	410.10B/393.10A	----	----	404.20 - 1.30	.9698	----	----	----	----	1	UNCH				
1600	----	----	----	385.60B/368.70A	385.60B/368.70A	----	----	379.70 - 1.40	.9627	----	----	----	----	17	UNCH				
1625	----	----	----	361.30B/344.60A	361.30B/344.60A	----	----	355.50 - 1.40	.9533	----	----	----	----	4	UNCH				
1645	----	----	----	340.90B/327.70A	340.90B/327.70A	----	----	336.40 - 1.40	.9443	----	----	----	----	2	UNCH				
1650	----	----	----	337.30B/320.90A	337.30B/320.90A	----	----	331.60 - 1.40	.9424	----	----	----	----	80	UNCH				
1665	----	----	----	322.00B/308.90A	322.00B/308.90A	----	----	317.50 - 1.40	.9346	----	----	----	----	1	UNCH				
1670	----	----	----	317.40B/304.20A	317.40B/304.20A	----	----	312.80 - 1.40	.9319	----	----	----	----	1	UNCH				
1700	----	----	----	290.50B/274.50A	290.50B/274.50A	----	----	285.00 - 1.50	.9134	----	----	----	----	238	UNCH				
1720	----	----	----	272.30B/256.60A	272.30B/256.60A	----	----	266.90 - 1.50	.8989	----	----	----	----	4	UNCH				
1735	----	----	----	258.90B/243.30A	258.90B/243.30A	----	----	253.50 - 1.60	.8865	----	----	----	----	1	UNCH				
1750	----	----	----	245.60B/230.30A	245.60B/230.30A	----	----	240.40 - 1.60	.8734	----	----	----	----	420	UNCH				
1775	----	----	----	224.10B/209.20A	224.10B/209.20A	----	----	219.00 - 1.70	.8484	----	----	----	----	815	UNCH				
1800	----	----	----	203.40B/189.00A	203.40B/189.00A	----	----	198.50 - 1.80	.8194	----	----	----	----	36	UNCH				
1815	----	----	----	191.40B/177.40A	191.40B/177.40A	----	----	186.60 - 1.90	.7999	----	----	----	----	7	UNCH				
1825	----	----	----	183.60B/169.80A	183.60B/169.80A	----	----	179.00 - 1.80	.7861	----	----	----	----	65	UNCH				
1830	----	----	----	179.70B/166.10A	179.70B/166.10A	----	----	175.20 - 1.80	.7792	----	----	----	----	1000	UNCH				
1835	----	----	----	175.90B/162.40A	175.90B/162.40A	----	----	171.40 - 1.90	.7719	----	----	----	----	5	UNCH				
1850	----	----	----	164.80B/151.70A	164.80B/151.70A	----	----	160.40 - 1.90	.7494	----	----	----	----	124	UNCH				
1855	----	----	----	161.20B/148.20A	161.20B/148.20A	----	----	156.80 - 1.90	.7418	----	----	----	----	7	UNCH				
1875	----	----	----	147.30B/134.80A	147.30B/134.80A	----	----	143.00 - 1.90	.7093	----	----	----	----	5	UNCH				
1885	----	----	----	140.60B/128.40A	140.60B/128.40A	----	----	136.40 - 2.00	.6924	----	----	----	----	9	UNCH				
1900	----	----	----	131.00B/119.30A	131.00B/119.30A	----	----	126.80 - 2.10	.6660	----	----	----	----	1405	UNCH				
1915	----	----	----	121.80B/110.70A	121.80B/110.70A	----	----	117.80 - 2.10	.6389	----	----	----	----	1	UNCH				
1925	----	----	----	116.30B/105.20A	116.30B/105.20A	----	----	112.10 - 2.10	.6205	----									

PG64	BULLETIN # 18@			METALS OPTION PRODUCTS							Fri, Jan 27, 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 SEP23	COMEX GOLD OPTIONS													
1860	169.20	169.20	176.60B/164.00A	176.60B/164.00A	----	172.20 - 2.00	.7409	----	----	2	----	3	UNCH	
1875	----	----	166.20B/153.90A	166.20B/153.90A	----	161.90 - 2.00	.7190	----	----	----	----	76	UNCH	
1885	----	----	159.40B/147.40A	159.40B/147.40A	----	155.20 - 2.10	.7038	----	----	----	----	10	UNCH	
1890	----	----	156.10B/144.20A	156.10B/144.20A	----	152.00 - 2.10	.6960	----	----	----	----	25	UNCH	
1900	----	----	149.60B/138.00A	149.60B/138.00A	----	145.60 - 2.10	.6803	----	----	----	----	40	UNCH	
1925	----	----	134.30B/123.50A	134.30B/123.50A	----	130.60 - 2.00	.6399	----	----	----	----	4	UNCH	
1935	----	----	128.50B/118.00A	128.50B/118.00A	----	124.90 - 2.00	.6234	----	----	----	----	700	UNCH	
1950	----	----	120.60B/110.20A	120.60B/110.20A	----	116.70 - 2.10	.5983	----	----	----	----	28	UNCH	
1970	----	----	110.20B/100.00A	110.20B/100.00A	----	106.50 - 2.10	.5646	----	----	----	----	32	UNCH	
1975	----	----	107.80B/97.70A	107.80B/97.70A	----	104.10 - 2.10	.5561	----	----	----	----	750	UNCH	
2000	----	----	96.30B/86.90A	96.30B/86.90A	----	92.80 - 2.10	.5141	----	----	27	----	7068	UNCH	
2025	----	----	85.90B/77.30A	85.90B/77.30A	----	82.70 - 2.10	.4733	----	----	----	----	66	UNCH	
2040	----	----	80.20B/72.70A	80.20B/72.70A	----	77.20 - 2.00	.4497	----	----	----	----	16	UNCH	
2050	----	----	76.70B/68.90A	76.70B/68.90A	----	73.70 - 2.10	.4344	----	----	115	----	1239 +	88	
2060	----	----	73.30B/65.70A	73.30B/65.70A	----	70.40 - 2.00	.4194	----	----	----	----	74	UNCH	
2085	----	----	65.40B/59.20A	65.40B/59.20A	----	62.80 - 2.00	.3836	----	----	----	----	2909	UNCH	
2100	----	----	61.10B/54.80A	61.10B/54.80A	----	58.70 - 1.90	.3633	----	----	----	----	2030	UNCH	
2125	----	----	54.70B/49.00A	54.70B/49.00A	----	52.50 - 1.80	.3315	----	----	----	----	50	UNCH	
2135	----	----	52.30B/47.20A	52.30B/47.20A	----	50.20 - 1.80	.3195	----	----	----	----	2909	UNCH	
2150	----	----	49.00B/44.00A	49.00B/44.00A	----	47.10 - 1.60	.3025	----	----	88	----	5000	UNCH	
2155	----	----	48.00B/43.40A	48.00B/43.40A	----	46.10 - 1.60	.2970	----	----	----	----	88	UNCH	
2195	----	----	----/36.60A	----/36.60A	----	38.90 - 1.40	.2563	----	----	----	----	1	UNCH	
2200	37.40	37.40	37.40/35.60A	37.40/35.60A	----	38.10 - 1.40	.2516	----	----	5	----	475	UNCH	
2215	34.90	34.90	35.60/33.70A	35.60/33.70A	----	35.80 - 1.30	.2382	----	----	35	----	48 +	35	
2225	33.70	33.70	33.70/32.10A	33.70/32.10A	----	34.30 - NEW	.2294	----	----	2	----	2 +	2	
2240	----	----	----/30.40A	----/30.40A	----	32.30 - 1.20	.2173	----	----	----	----	5	UNCH	
2250	----	----	----/29.10A	----/29.10A	----	31.00 - 1.20	.2094	----	----	9	----	48 +	9	
2275	27.50	27.50	28.50/26.30A	28.50/26.30A	----	28.00 - 1.20	.1911	----	----	120	----	472 -	74	
2300	----	----	----/23.90A	----/23.90A	----	25.40 - 1.10	.1747	----	----	----	----	1155	UNCH	
2400	16.70	16.70	16.70/16.70	16.70/16.70	----	17.60 - 0.80	.1236	----	----	2	----	848 +	2	
2500	----	----	----/12.10A	----/12.10A	----	12.70 - 0.50	.0898	----	----	----	----	571	UNCH	
2550	----	----	----/10.40A	----/10.40A	----	10.80 - 0.50	.0767	----	----	----	----	1125	UNCH	
2575	----	----	----/9.70A	----/9.70A	----	10.10 - 0.30	.0716	----	----	----	----	60	UNCH	
3000	3.70	3.70	3.70/*3.50A	3.70/*3.50A	----	3.60 UNCH	.0248	----	----	12	----	206	UNCH	
TOTAL										419		35231+	62	
OCT23														
1725	----	----	289.00B/273.90A	289.00B/273.90A	----	283.80 - 1.60	.8725	----	----	----	----	1	UNCH	
1800	----	----	226.60B/212.80A	226.60B/212.80A	----	221.90 - 1.80	.8020	----	----	----	----	23	UNCH	
1840	----	----	196.30B/183.40A	196.30B/183.40A	----	191.90 - 1.90	.7544	----	----	----	----	210	UNCH	
1850	----	----	189.10B/176.50A	189.10B/176.50A	----	184.80 - 1.90	.7412	----	----	----	----	13	UNCH	
1900	----	----	155.90B/144.50A	155.90B/144.50A	----	152.00 - 2.00	.6708	----	----	----	----	55	UNCH	
1925	----	----	140.90B/130.30A	140.90B/130.30A	----	137.30 - 2.00	.6330	----	----	----	----	101	UNCH	
1950	----	----	127.60B/117.40A	127.60B/117.40A	----	123.70 - 2.10	.5942	----	----	20	----	103 +	3	
1975	----	----	115.00B/105.60A	115.00B/105.60A	----	111.40 - 2.10	.5550	----	----	----	----	621	UNCH	
2000	----	----	103.70B/94.90A	103.70B/94.90A	----	100.30 - 2.00	.5162	----	----	5	----	206	UNCH	
2040	----	----	87.80B/80.20A	87.80B/80.20A	----	84.70 - 2.00	.4565	----	----	----	----	1	UNCH	
2050	----	----	84.20B/76.90A	84.20B/76.90A	----	81.20 - 2.00	.4423	----	----	----	----	129	UNCH	
2075	----	----	75.90B/69.30A	75.90B/69.30A	----	73.20 - 2.00	.4081	----	----	----	----	6	UNCH	
2100	----	----	68.60B/62.50A	68.60B/62.50A	----	66.00 - 2.00	.3759	----	----	----	----	456	UNCH	
2110	----	----	65.80B/60.00A	65.80B/60.00A	----	63.40 - 1.90	.3637	----	----	----	----	2	UNCH	
2150	----	----	56.10B/51.10A	56.10B/51.10A	----	54.00 - 1.80	.3184	----	----	----	----	102	UNCH	
2160	----	----	54.00B/49.10A	54.00B/49.10A	----	51.90 - 1.80	.3078	----	----	----	----	2	UNCH	
2185	----	----	49.00B/44.60A	49.00B/44.60A	----	47.00 - 1.80	.2829	----	----	----	----	26	UNCH	
2200	----	----	----/42.10A	----/42.10A	----	44.40 - 1.70	.2692	----	----	----	----	2015	UNCH	
2260	----	----	----/33.80A	----/33.80A	----	35.50 - 1.50	.2206	----	----	----	----	420	UNCH	
2300	----	----	----/29.30A	----/29.30A	----	30.80 - 1.30	.1937	----	----	----	----	3015	UNCH	
2325	----	----	----/26.90A	----/26.90A	----	28.30 - 1.10	.1789	----	----	----	----	75	UNCH	
2330	----	----	----/26.50A	----/26.50A	----	27.80 - 1.20	.1760	----	----	----	----	11	UNCH	
2350	----	----	----/24.80A	----/24.80A	----	26.00 - 1.10	.1653	----	----	25	----	1000	UNCH	
2375	----	----	----/22.80A	----/22.80A	----	23.90 - 1.00	.1528	----	----	----	----	87	UNCH	
2400	21.20	21.20	21.20/21.10A	21.20/21.10A	----	22.10 - 0.90	.1417	----	----	1	----	1525	UNCH	
2425	----	----	----/19.50A	----/19.50A	----	20.40 - 0.80	.1313	----	----	50	----	500	UNCH	
2450	----	----	----/18.10A	----/18.10A	----	18.90 - 0.80	.1220	----	----	----	----	25	UNCH	
2500	16.10	16.10	16.10/15.60A	16.10/15.60A	----	16.30 - 0.60	.1056	----	----	5	----	35 +	5	
2525	----	----	----/14.60A	----/14.60A	----	15.10 - 0.60	.0981	----	----	----	----	25	UNCH	
2550	14.60	14.60	14.60/13.60A	14.60/13.60A	----	14.10 - 0.50	.0916	----	----	5	----	1 -	5	
2575	----	----	----/12.70A	----/12.70A	----	13.10 - 0.60	.0853	----	----	----	----	162	UNCH	
2650	----	----	----/10.50A	----/10.50A	----	10.80 - 0.40	.0703	----	----	----	----	116	UNCH	
3000	5.20	5.20	5.20/*5.00A	5.20/*5.00A	----	5.00 - 0.10	.0320	----	----	25	----	222 -	15	
TOTAL										136		11291-	12	
NOV23														
1710	----	----	319.90B/305.00A	319.90B/305.00A	----	315.00 - 1.40	.8815	----	----	----	----	3	UNCH	
1790	----	----	252.50B/238.80A	252.50B/238.80A	----	248.00 - 1.70	.8152	----	----	----	----	1	UNCH	
1875	187.50	187.50	189.60B/177.70A	189.60B/177.70A	----	185.70 - NEW	.7184	----	----	1	----	1 +	1	
19														

	BULLETIN # 18@				METALS OPTION PRODUCTS				Fri, Jan 27, 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													
TOTAL											51		88935 +	26
JAN24														
2000	130.90	130.90	#139.00B/130.90	#139.00B/130.90	----	137.00	- 1.80	.5638	----	----	2	----	3 +	2
2050	----	----	----/*111.40A	----/*111.40A	----	115.30	- 2.20	.5005	----	----	----	----	2439	UNCH
2100	----	----	----/*94.50A	----/*94.50A	----	97.60	- 2.20	.4415	----	----	----	----	2439	UNCH
2200	----	----	----/*68.80A	----/*68.80A	----	71.10	NEW	.3409	----	----	379	----	379 +	379
2300	----	----	----/51.40A	----/51.40A	----	52.90	- 1.50	.2634	----	----	379	----	392 +	379
2400	40.00	40.00	41.00/*39.30A	41.00/*39.30A	----	40.20	- 1.40	.2051	----	----	134	----	794 -	21
TOTAL											894		6446 +	739
FEB24														
2020	----	----	----	----	----	134.60	- 2.10	.5390	----	----	----	----	37	UNCH
2200	----	----	----	----	----	78.40	- 1.90	.3523	----	----	370	----	381 +	370
2250	----	----	----	----	----	68.20	- 1.80	.3125	----	----	----	----	1	UNCH
2300	----	----	----	----	----	59.60	- 1.70	.2775	----	----	370	----	380 +	370
2800	----	----	----	----	----	20.20	- 1.00	.0988	----	----	----	----	5	UNCH
3000	----	----	----/*15.20A	----/*15.20A	----	15.00	- 0.80	.0724	----	----	----	----	5	UNCH
TOTAL											740		809 +	740
JUN24														
1850	----	----	----	----	----	268.90	- 0.90	.7353	----	----	----	----	400	UNCH
1880	----	----	----	----	----	249.40	- 0.90	.7083	----	----	----	----	75	UNCH
1970	----	----	----	----	----	198.00	- 0.80	.6209	----	----	----	----	100	UNCH
2000	----	----	----	----	----	183.30	- 0.80	.5907	----	----	----	----	130	UNCH
2200	----	----	----	----	----	114.00	- 0.60	.4090	----	----	----	----	500	UNCH
TOTAL													1205	0
	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	
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	.0013	----	----	----	----	2	UNCH
1730	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	2	UNCH
1735	----	----	----	----	----	0.10	UNCH	.0000	----	----	9	----	9 +	9
1750	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	1	UNCH
1765	----	----	----	----	----	0.40	- 0.10	.0117	----	----	----	----	2	UNCH
1780	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	6	UNCH
1790	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	5	UNCH
1795	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	5	UNCH
1800	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	15	UNCH
1800	----	----	----/*0.20A	----/*0.20A	----	0.10	- 0.20	.0029	----	----	----	----	37	UNCH
1800	----	----	----/*0.90A	----/*0.90A	----	1.00	- 0.20	.0285	----	----	----	----	9	UNCH
1805	----	----	----/*1.10A	----/*1.10A	----	1.20	- 0.10	.0335	----	----	----	----	9	UNCH
1805	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	10	UNCH
1810	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	4	UNCH
1820	----	----	----/*1.50A	----/*1.50A	----	1.70	- 0.20	.0469	----	----	----	----	1	UNCH
1820	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	----	20	UNCH
1825	----	----	----/*1.00A	----/*1.00A	----	1.10	- 0.30	.0345	----	----	----	----	2	UNCH
1825	----	----	126.50B/108.60A	126.50B/108.60A	----	120.70	- 1.10	1.0000	----	----	----	----	1	UNCH
1825	----	----	----	----	----	0.10	UNCH	.0000	----	----	5	----	5	UNCH
1830	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	----	12	UNCH
1835	----	----	----/*0.50A	----/*0.50A	----	0.40	- 0.30	.0158	----	----	----	----	2	UNCH
1835	----	----	115.90B/99.80A	115.90B/99.80A	----	110.70	- 1.10	1.0000	----	----	----	----	1	UNCH
1840	----	----	----/*0.60A	----/*0.60A	----	0.50	- 0.30	.0197	----	----	----	----	26	UNCH
1840	----	----	----	----	----	0.10	UNCH	.0001	----	----	----	----	150	UNCH
1845	----	----	----	----	----	0.10	UNCH	.0002	----	----	----	----	1	UNCH
1845	0.80	0.80	0.90/*0.70A	0.90/*0.70A	----	0.60	NEW	.0236	----	----	2	----	2 +	2
1850	0.10	0.10	0.10/*0.10	0.10/*0.10	----	0.10	- 0.10	.0005	----	----	14	----	31 -	1
1850	0.90	0.90	1.10B/*0.80A	1.10B/*0.80A	----	0.80	- 0.30	.0308	----	----	1	----	62	UNCH
1855	0.90	0.90	1.30B/*0.90	1.30B/*0.90	----	0.90	- 0.40	.0351	----	----	2	----	4 +	2
1855	----	----	96.10B/79.80A	96.10B/79.80A	----	90.70	- 1.20	.9992	----	----	----	----	1	UNCH
1855	----	----	----	----	----	0.10	- 0.10	.0009	----	----	----	----	3	UNCH
1860	1.10	1.10	1.60B/*1.00A	1.60B/*1.00A	----	1.10	- 0.40	.0426	----	----	1	----	2 +	1
1860	----	----	----	----	----	0.10	- 0.10	.0016	----	----	----	----	19	UNCH
1865	----	----	4.40B/2.90A	4.40B/2.90A	----	3.40	- 0.50	.0994	----	----	----	----	25	UNCH
1865	----	----	1.90B/1.20A	1.90B/1.20A	----	1.30	- 0.50	.0503	----	----	----	----	1	UNCH
1865	----	----	----/*0.20A	----/*0.20A	----	0.10	- 0.20	.0028	----	----	----	----	11	UNCH
1870	----	----	----/0.20A	----/0.20A	----	0.10	- 0.30	.0048	----	----	----	----	21	UNCH
1870	----	----	#86.00B/*70.80A	#86.00B/*70.80A	----	81.00	- 1.60	.8592	----	----	----	----	1	UNCH
1870	----	----	81.20B/64.90A	81.20B/64.90A	----	75.70	- 1.30	.9951	----	----	----	----	1	UNCH
1875	0.30	0.30	0.30/*0.20	0.30/*0.20	----	0.20	- 0.30	.0097	----	----	22	----	64 +	12
1875	----	----	5.90B/3.80A	5.90B/3.80A	----	4.40	- 0.60	.1260	----	----	----	----	10	UNCH
1875	----	----	2.80B/1.70A	2.80B/1.70A	----	1.90	- 0.60	.0721	----	----	----	----	4	UNCH
1880	5.30	5.30	6.80B/4.40A	6.80B/4.40A	----	5.10	- 0.60	.1429	----	----	20	----	21 +	20
1880	----	----	3.40B/2.00A	3.40B/2.00A	----	2.30	- 0.60	.0860	----	----	----	----	1	UNCH
1880	----	----	71.20B/55.10A	71.20B/55.10A	----	65.80	- 1.40	.9850	----	----	----	----	1	UNCH
1880	----	----	----/*0.30A	----/*0.30A	----	0.30	- 0.30	.0148	----	----	54	----	63 +	44
1885	----	----	7.70B/5.00A	7.70B/5.00A	----	5.80	- 0.60	.1602	----	----	----	----	1	UNCH
1885	----	----	4.10B/2.40A	4.10B/2.40A	----	2.80	- 0.60	.1027	----	----	----	----	2	UNCH
1885	----	----	----/*0.30A	----/*0.30A	----	0.40	- 0.30	.0204	----	----	----	----	45	UNCH
1885	----	----	66.40B/49.50A	66.40B/49.50A	----	60.90	- 1.50	.9795	----	----	----	----	6	UNCH
1890	0.30	0.30	0.30/*0.30	0.30/*0.30	----	0.50	- 0.40	.0265	----	----	3	----	46	UNCH
1890	----	----	8.80B/5.70A	8.80B/5.70A	----	6.60	- 0.70	.1792	----	----	----	----	1	UNCH
1890	4.20	4.20	4.80B/2.80A	4.80B/2.80A	----	3.30	- 0.70	.1199	----	----	2	----	22	UNCH
1890	----	----	#69.00B/*55.20A	#69.00B/*55.20A	----	64.50	- 1.70	.7901	----	----				

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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		
GWW WED FEB23		GOLD WEEKLY WEDNESDAY OPTION WEEK2																	
1945	20.00	20.00		23.30B/*14.00A	23.30B/*14.00A	----				19.60	NEW	.5097	----	----	2	----	2	+	2
1945	10.00	10.00		15.20B/6.00A	15.20B/6.00A	----				10.90	- 2.60	.5122	----	----	20	----	332	+	14
1950	----	----		30.00B/*21.20A	30.00B/*21.20A	----				26.60	- 1.70	.4821	----	----		----	1		UNCH
1950	----	----		34.00B/24.30A	34.00B/24.30A	----				27.30	- 0.70	.5221	----	----		----	1		UNCH
1950	----	----		28.60B/18.50A	28.60B/18.50A	----				21.60	- 1.00	.5327	----	----		----	1		UNCH
1950	----	----		26.40B/*17.60A	26.40B/*17.60A	----				22.90	- 1.80	.4773	----	----		----	2		UNCH
1950	12.20	12.20		20.80B/10.30A	20.80B/10.30A	----				12.90	- 1.50	.5697	----	10			155	+	1
1950	----	----		20.80B/*12.20A	20.80B/*12.20A	----				17.20	- 2.10	.4669	----				1		UNCH
1950	10.00	10.00		12.40B/4.50A	12.40B/4.50A	----				8.50	- 2.60	.4301	----	27			141	+	21
1955	----	----		37.00B/26.90A	37.00B/26.90A	----				30.00	- 0.80	.5543	----	----			2		UNCH
1955	----	----		31.80B/21.20A	31.80B/21.20A	----				24.40	- 1.00	.5751	----	1			1		UNCH
1955	6.40	6.40		10.00B/*3.40A	10.00B/*3.40A	----				6.60	- 2.40	.3520	----				204	+	1
1955	14.30	14.30		25.00B/12.90A	25.00B/12.90A	----				16.00	- 1.30	.6478	----	9			17	+	2
1955	----	----		24.00B/*15.80A	24.00B/*15.80A	----				20.70	- 1.80	.4451	----				1		UNCH
1960	24.70	24.70		29.00B/15.90A	29.00B/15.90A	----				19.50	- 1.00	.7175	----	8			16	-	2
1960	----	----		35.30B/24.00A	35.30B/24.00A	----				27.50	- 0.80	.6159	----	20			20	+	19
1960	----	----		21.80B/*14.20A	21.80B/*14.20A	----				18.60	- 1.80	.4132	----				4		UNCH
1960	12.30	12.30		16.20B/*9.10A	16.20B/*9.10A	----				13.10	- 2.00	.3837	----	2			3		UNCH
1960	5.90	5.90		7.90B/*2.60A	7.90B/*2.60A	----				5.10	- 2.10	.2823	----	16			126	+	11
1965	21.30	21.30		33.20B/19.30A	33.20B/19.30A	----				23.30	- 0.80	.7779	----	15			24	+	15
1965	----	----		39.20B/27.00A	39.20B/27.00A	----				30.80	- 0.70	.6549	----	1			1		UNCH
1965	----	----		14.20B/*7.90A	14.20B/*7.90A	----				11.40	- 1.80	.3448	----	----			20		UNCH
1965	2.40	2.40		6.20B/*2.00A	6.20B/*2.00A	----				3.90	- 1.90	.2218	----	11			42		UNCH
1970	----	----		43.20B/30.30A	43.20B/30.30A	----				34.30	- 0.50	.6915	----	----			1		UNCH
1970	25.50	25.50		37.90B/23.00A	37.90B/23.00A	----				27.30	- 0.60	.8303	----	11			12	+	11
1970	----	----		12.40B/*6.70A	12.40B/*6.70A	----				9.90	- 1.70	.3081	----	----			1		UNCH
1970	----	----		4.80B/*1.60A	4.80B/*1.60A	----				2.90	- 1.70	.1695	----	----			40		UNCH
1975	29.50	29.50		42.50B/27.00A	42.50B/27.00A	----				31.60	- 0.30	.8705	----	6			8	+	6
1975	----	----		10.80B/*5.80A	10.80B/*5.80A	----				8.60	- 1.50	.2742	----	----			14		UNCH
1975	----	----		16.00B/*10.20A	16.00B/*10.20A	----				13.50	- 1.50	.3244	----	----			41		UNCH
1975	2.50	2.50		3.70B/*1.30A	3.70B/*1.30A	----				2.20	- 1.40	.1293	----	3			80	-	1
1980	33.90	33.90		47.30B/31.20A	47.30B/31.20A	----				36.10	UNCH	.9008	----				4	+	2
1980	----	----		----/*1.00A	----/*1.00A	----				1.70	- 1.20	.0990	----	1			13	+	1
1980	----	----		9.30B/*5.00A	9.30B/*5.00A	----				7.40	- 1.40	.2422	----	----			1		UNCH
1980	15.00	15.00		#17.70B/*12.00A	#17.70B/*12.00A	----				15.30	NEW	.3232	----	2			0		UNCH
1985	----	----		52.00B/35.60A	52.00B/35.60A	----				40.70	+ 0.20	.9249	----	----			3		UNCH
1985	10.80	10.80		12.90B/*8.10A	12.90B/*8.10A	----				10.80	NEW	.2716	----	17			17	+	17
1985	----	----		8.10B/*4.30A	8.10B/*4.30A	----				6.40	NEW	.2137	----	1			1	+	1
1985	----	----		----/*0.80A	----/*0.80A	----				1.30	- 1.00	.0749	----	----			3		UNCH
1990	----	----		55.90B/40.10A	55.90B/40.10A	----				45.40	+ 0.40	.9432	----	----			2		UNCH
1990	----	----		11.50B/*7.20A	11.50B/*7.20A	----				9.60	- 1.30	.2471	----	----			10		UNCH
1990	1.40	1.40		1.40/*0.60A	1.40/*0.60A	----				1.00	- 0.80	.0567	----	4			33	+	3
1995	----	----		60.80B/44.80A	60.80B/44.80A	----				50.20	+ 0.50	.9558	----	----			1		UNCH
1995	0.80	0.80		0.80/*0.50A	0.80/*0.50A	----				0.80	- 0.60	.0440	----	----			67	-	1
2000	0.90	0.90		0.90/*0.50A	0.90/*0.50A	----				0.60	- 0.50	.0324	----	1			27	+	15
2000	----	----		9.20B/*5.70A	9.20B/*5.70A	----				7.60	NEW	.2033	----	2			2	+	2
2005	----	----		70.80B/54.30A	70.80B/54.30A	----				59.90	+ 0.80	.9739	----	----			2		UNCH
2005	----	----		----/*0.40A	----/*0.40A	----				0.50	- 0.30	.0260	----	----			13		UNCH
2010	----	----		----/*0.30A	----/*0.30A	----				0.40	- 0.30	.0201	----	----			1		UNCH
2010	----	----		----/*2.10A	----/*2.10A	----				3.10	- 0.60	.1102	----	----			1		UNCH
2015	----	----		----/*0.30A	----/*0.30A	----				0.30	- 0.20	.0147	----	----			15		UNCH
2015	----	----		----/*1.80A	----/*1.80A	----				2.70	- 0.50	.0964	----	----			1		UNCH
2020	----	----		5.70B/*3.70A	5.70B/*3.70A	----				4.80	- 0.70	.1356	----	----			5		UNCH
2020	2.80	2.80		2.80/*1.60A	2.80/*1.60A	----				2.30	NEW	.0830	----	2			2	+	2
2020	----	----		----/*0.20A	----/*0.20A	----				0.20	- 0.20	.0096	----	----			17		UNCH
2025	----	----		5.10B/*3.30A	5.10B/*3.30A	----				4.30	- 0.60	.1225	----	2			5	-	2
2025	----	----		----/*1.40A	----/*1.40A	----				2.00	- 0.40	.0724	----	----			4		UNCH
2025	0.40	0.40		0.40/*0.20A	0.40/*0.20A	----				0.20	- 0.10	.0091	----	36			22	-	2
2030	----	----		4.50B/*3.00A	4.50B/*3.00A	----				3.80	- 0.60	.1097	----	----			5		UNCH
2030	----	----		----	----	----				0.10	- 0.10	.0045	----	----			22		UNCH
2035	0.20	0.20		0.20/*0.20	0.20/*0.20	----				0.10	- 0.10	.0029	----	2			4	-	2
2040	----	----		----	----	----				0.10	UNCH	.0018	----	----			11		UNCH
2045	----	----		----	----	----				0.10	UNCH	.0011	----	----			7		UNCH
2050	----	----		----/*0.80A	----/*0.80A	----				1.00	- 0.20	.0363	----	----			2		UNCH
2050	----	----		----	----	----				0.10	UNCH	.0006	----	----			31		UNCH
2055	----	----		----/*0.70A	----/*0.70A	----				0.90	- 0.10	.0324	----	----			7		UNCH
2055	----	----		----	----	----				0.10	UNCH	.0003	----	----			8		UNCH
2060	----	----		----/*1.60A	----/*1.60A	----				2.00	- 0.30	.0594	----	----			2		UNCH
2060	----	----		----	----	----				0.10	UNCH	.0002	----	----			8		UNCH
2065	----	----		----/*0.60A	----/*0.60A	----				0.70	NEW	.0250	----	2			2	+	2
2065	----	----		----	----	----				0.10	UNCH	.0001	----	----			14		UNCH
2070	1.50	1.50		1.90B/*1.40A	1.90B/*1.40A	----				1.60	NEW	.0479	----	1			1	+	1
2070	----	----		----	----	----				0.10	UNCH	.0000	----	----			100		UNCH
2075	----	----		----/*0.50A	----/*0.50A	----				0.60	UNCH	.0208	----	----			1		UNCH
2075	----	----		----	----	----				0.10	UNCH	.0000	----	1			2		UNCH
2080	----	----		----/*0.50A	----/*0.50A	----				0.50	- 0.10	.0174	----	----			1		UNCH
2090	----	----		----	----	----				0.10	UNCH	.0000	----	----			150		UNCH
2095	----	----		----/*1.60A	----/*1.60A	----				1.80	- 0.20	.0472	----	----			1		UNCH
2110	----	----		----	----	----				0.10	UNCH	----	----	----			1		UNCH
2120	----	----		----	----	----				0.10	UNCH	----	----	----			2		UNCH
2125	----	----		----	----	----													

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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			
GMW MON JAN23	GOLD WEEKLY MONDAY OPTION WEEK5																	
1835	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	4	UNCH		
1840	----	----	----	110.90B/94.70A	110.90B/94.70A	----	----	----	105.70 - 1.10	1.0000	----	----	----	----	3	UNCH		
1840	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	12	UNCH		
1845	----	----	----	105.90B/89.70A	105.90B/89.70A	----	----	----	100.70 - 1.10	1.0000	----	----	----	----	6	UNCH		
1845	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	101	UNCH		
1850	----	----	----	100.90B/83.40A	100.90B/83.40A	----	----	----	95.70 - 1.10	1.0000	----	----	----	----	12	UNCH		
1850	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	17	UNCH		
1855	----	----	----	95.90B/79.60A	95.90B/79.60A	----	----	----	90.70 - 1.10	1.0000	----	----	----	----	5	UNCH		
1855	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	115	UNCH		
1860	----	----	----	90.90B/74.80A	90.90B/74.80A	----	----	----	85.70 - 1.10	1.0000	----	----	----	----	2	UNCH		
1860	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	152	UNCH		
1865	----	----	----	85.90B/69.60A	85.90B/69.60A	----	----	----	80.70 - 1.10	1.0000	----	----	----	----	31	UNCH		
1865	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	112	UNCH		
1870	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	2	----	206	UNCH		
1875	----	----	----	76.50B/58.60A	76.50B/58.60A	----	----	----	70.70 - 1.10	1.0000	----	----	----	----	12	UNCH		
1875	----	----	----	----/*0.10A	----/*0.10A	----	----	----	0.10 - 0.10	.0000	----	----	----	----	17	UNCH		
1880	----	----	----	71.10B/54.70A	71.10B/54.70A	----	----	----	65.70 - 1.20	1.0000	----	----	----	----	10	UNCH		
1880	----	----	----	----/*0.10A	----/*0.10A	----	----	----	0.10 - 0.10	.0000	----	----	----	----	8	UNCH		
1885	----	----	----	66.10B/49.60A	66.10B/49.60A	----	----	----	60.70 - 1.20	1.0000	----	----	----	----	3	UNCH		
1885	----	----	----	----/*0.10A	----/*0.10A	----	----	----	0.10 - 0.20	.0000	----	----	----	----	25	UNCH		
1890	----	----	----	61.10B/44.80A	61.10B/44.80A	----	----	----	55.70 - 1.30	.9999	----	----	----	----	5	UNCH		
1890	----	----	----	----/*0.10A	----/*0.10A	----	----	----	0.10 - 0.20	.0002	----	----	6	----	9	- 1		
1895	----	----	----	56.00B/39.70A	56.00B/39.70A	----	----	----	50.70 - 1.40	.9992	----	----	----	----	16	UNCH		
1895	----	----	----	----/*0.10A	----/*0.10A	----	----	----	0.10 - 0.30	.0008	----	----	----	----	8	UNCH		
1900	----	----	----	51.50B/33.90A	51.50B/33.90A	----	----	----	45.70 - 1.50	.9976	----	----	----	----	16	UNCH		
1900	----	----	----	----/*0.10A	----/*0.10A	----	----	----	0.10 - 0.40	.0024	----	----	2	----	22	UNCH		
1905	----	----	----	46.30B/29.00A	46.30B/29.00A	----	----	----	40.70 - 1.70	.9939	----	----	----	----	37	UNCH		
1905	0.50	0.50	----	0.50/*0.20	0.50/*0.20	----	----	----	0.10 - 0.60	.0060	----	----	4	----	22	+	1	
1910	30.60	30.60	----	41.20B/24.40A	41.20B/24.40A	----	----	----	35.80 - 1.80	.9864	----	----	2	----	78	-	2	
1910	0.60	0.60	----	0.90/*0.20	0.90/*0.20	----	----	----	0.20 - 0.70	.0135	----	----	27	----	39	+	12	
1915	29.50	29.50	----	36.40B/19.80A	36.40B/19.80A	----	----	----	30.90 - 2.00	.9773	----	----	1	----	204	+	1	
1915	1.30	1.30	----	1.40B/*0.20	1.40B/*0.20	----	----	----	0.30 - 0.90	.0226	----	----	21	----	47	-	1	
1920	----	----	----	31.80B/15.60A	31.80B/15.60A	----	----	----	26.10 - 2.20	.9586	----	----	2	----	19	-	2	
1920	1.60	1.60	----	2.10B/*0.50	2.10B/*0.50	----	----	----	0.50 - 1.20	.0412	----	----	64	----	55	+	30	
1925	----	----	----	27.20B/11.80A	27.20B/11.80A	----	----	----	21.40 - 2.60	.9216	----	----	----	----	20	UNCH	----	
1925	1.10	1.10	----	3.20B/*0.60	3.20B/*0.60	----	----	----	0.90 - 1.40	.0783	----	----	264	----	152	-	5	
1930	20.00	20.00	----	22.80B/8.50A	22.80B/8.50A	----	----	----	17.00 - 2.90	.8704	----	----	8	----	29	+	3	
1930	1.60	1.60	----	4.80B/*1.10A	4.80B/*1.10A	----	----	----	1.40 - 1.80	.1294	----	----	85	----	32	-	3	
1935	5.40	5.40	----	18.70B/5.40	18.70B/5.40	----	----	----	12.90 - 3.20	.7849	----	----	13	----	156	+	6	
1935	6.70	6.70	----	7.20/*1.80A	7.20/*1.80A	----	----	----	2.30 - 2.10	.2149	----	----	105	----	83	+	57	
1940	----	----	----	14.90B/3.80A	14.90B/3.80A	----	----	----	9.30 - 3.50	.6651	----	----	7	----	161	-	1	
1940	3.30	3.30	----	10.10B/2.90A	10.10B/2.90A	----	----	----	3.70 - 2.40	.3347	----	----	36	----	39	+	9	
1945	5.90	5.90	----	11.70B/*2.30A	11.70B/*2.30A	----	----	----	6.30 - 3.60	.5196	----	----	92	----	69	+	7	
1945	5.70	5.70	----	13.60B/4.30A	13.60B/4.30A	----	----	----	5.70 - 2.50	.4802	----	----	65	----	44	+	9	
1950	4.10	4.10	----	8.80B/*1.50A	8.80B/*1.50A	----	----	----	4.10 - 3.40	.3699	----	----	79	----	86	+	42	
1950	12.30	12.30	----	17.80B/6.30A	17.80B/6.30A	----	----	----	8.50 - 2.30	.6299	----	----	31	----	18	+	3	
1955	2.90	2.90	----	6.40B/*0.90A	6.40B/*0.90A	----	----	----	2.60 - 2.90	.2434	----	----	83	----	97	+	64	
1955	10.60	10.60	----	22.40/9.00A	22.40/9.00A	----	----	----	12.00 - 1.80	.7564	----	----	30	----	22	+	12	
1960	1.80	1.80	----	4.50B/*0.70A	4.50B/*0.70A	----	----	----	1.60 - 2.40	.1497	----	----	12	----	17	+	11	
1960	----	----	----	27.00B/12.20A	27.00B/12.20A	----	----	----	16.00 - 1.30	.8501	----	----	----	----	14	UNCH	----	
1965	1.40	1.40	----	3.10B/*0.50A	3.10B/*0.50A	----	----	----	1.00 - 1.90	.0896	----	----	44	----	70	+	14	
1965	----	----	----	31.80B/16.00A	31.80B/16.00A	----	----	----	20.40 - 0.80	.9102	----	----	----	----	8	UNCH	----	
1970	0.40	0.40	----	0.50/*0.30A	0.50/*0.30A	----	----	----	0.60 - 1.50	.0507	----	----	52	----	140	+	27	
1975	0.20	0.20	----	0.50/*0.10	0.50/*0.10	----	----	----	0.40 - 1.10	.0308	----	----	31	----	35	+	17	
1980	0.20	0.20	----	0.40/*0.10	0.40/*0.10	----	----	----	0.20 - 0.90	.0142	----	----	18	----	37	+	7	
1985	0.40	0.40	----	0.40/*0.10	0.40/*0.10	----	----	----	0.10 - 0.70	.0064	----	----	26	----	16	-	6	
1990	0.30	0.30	----	0.30/*0.10A	0.30/*0.10A	----	----	----	0.10 - 0.50	.0025	----	----	16	----	22	+	7	
1995	----	----	----	----/*0.10A	----/*0.10A	----	----	----	0.10 - 0.30	.0009	----	----	----	----	11	UNCH	----	
2000	0.30	0.30	----	0.30/*0.10	0.30/*0.10	----	----	----	0.10 - 0.20	.0003	----	----	3	----	14	+	2	
2005	0.10	0.10	----	0.10/0.10	0.10/0.10	----	----	----	0.10 - 0.10	.0000	----	----	1	----	5	+	1	
2010	0.10	0.10	----	0.10/0.10	0.10/0.10	----	----	----	0.10 - 0.10	.0000	----	----	1	----	13	UNCH	----	
2015	----	----	----	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	5	UNCH	----	
2020	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	207	UNCH	----	
2025	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	15	UNCH	----	
2030	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	17	UNCH	----	
2035	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	5	UNCH	----	
2040	----	----	----	----	----	----	----	----	0.10	UNCH	----	----	----	----	8	UNCH	----	
2045	----	----	----	----	----													

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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 WEEK1																		
1815	----	----	----/0.20A	----/0.20A	----	----	----	0.10 - 0.20	.0040	----	----	----	----	8	UNCH			
1815	----	----	----/*0.50A	----/*0.50A	----	----	----	0.50 - 0.20	.0175	----	----	----	----	5	UNCH			
1815	----	----	2.30B/1.80A	2.30B/1.80A	----	----	----	1.90 NEW	.0498	----	----	1	----	1	+			
1820	----	----	131.10B/114.80A	131.10B/114.80A	----	----	----	125.70 - 1.20	.9924	----	----	----	----	7	UNCH			
1820	----	----	----	----	----	----	----	0.20 - 0.10	.0076	----	----	----	----	7	UNCH			
1820	----	----	----/*0.60A	----/*0.60A	----	----	----	0.60 - 0.20	.0208	----	----	----	----	6	UNCH			
1825	----	----	126.60B/108.80A	126.60B/108.80A	----	----	----	120.70 - 1.30	.9921	----	----	----	----	14	UNCH			
1825	----	----	----/0.30A	----/0.30A	----	----	----	0.20 - 0.20	.0079	----	----	----	----	56	UNCH			
1825	----	----	3.00B/2.20A	3.00B/2.20A	----	----	----	2.40 - 0.30	.0619	----	----	----	----	3	UNCH			
1825	----	----	----/*0.70A	----/*0.70A	----	----	----	0.70 - 0.20	.0242	----	----	----	----	28	UNCH			
1830	----	----	121.10B/104.80A	121.10B/104.80A	----	----	----	115.80 - 1.20	.9918	----	----	----	----	25	UNCH			
1830	----	----	----/*0.30A	----/*0.30A	----	----	----	0.20 - 0.20	.0082	----	----	2	----	264	UNCH			
1830	----	----	----/*0.70A	----/*0.70A	----	----	----	0.80 - 0.20	.0278	----	----	----	----	2	UNCH			
1835	----	----	116.30B/99.90A	116.30B/99.90A	----	----	----	110.80 - 1.30	.9879	----	----	----	----	8	UNCH			
1835	----	----	----/*0.30A	----/*0.30A	----	----	----	0.30 - 0.20	.0120	----	----	----	----	32	UNCH			
1835	----	----	----/*0.80A	----/*0.80A	----	----	----	0.90 - 0.20	.0314	----	----	----	----	2	UNCH			
1840	----	----	111.30B/94.90A	111.30B/94.90A	----	----	----	105.90 - 1.30	.9840	----	----	----	----	6	UNCH			
1840	----	----	----/*0.40A	----/*0.40A	----	----	----	0.40 - 0.20	.0158	----	----	----	----	10	UNCH			
1840	----	----	----/*1.00A	----/*1.00A	----	----	----	1.00 - 0.30	.0352	----	----	1	----	2	UNCH			
1840	----	----	4.30B/3.10A	4.30B/3.10A	----	----	----	3.50 NEW	.0867	2	----	----	----	2	+			
1845	----	----	106.40B/90.20A	106.40B/90.20A	----	----	----	101.00 - 1.30	.9834	----	----	----	----	22	UNCH			
1845	----	----	----/*0.40A	----/*0.40A	----	----	----	0.40 - 0.30	.0165	----	----	----	----	4	UNCH			
1845	----	----	4.90B/3.50A	4.90B/3.50A	----	----	----	3.90 - 0.40	.0957	----	----	----	----	2	UNCH			
1845	----	----	1.60B/*1.10A	1.60B/*1.10A	----	----	----	1.20 - 0.30	.0418	----	----	----	----	2	UNCH			
1850	----	----	101.80B/84.30A	101.80B/84.30A	----	----	----	96.00 - 1.40	.9792	----	----	----	----	12	UNCH			
1850	0.40	0.40	0.40/*0.40	0.40/*0.40	----	----	----	0.50 - 0.30	.0206	----	----	1	----	26	+			
1850	----	----	5.50B/3.90A	5.50B/3.90A	----	----	----	4.40 NEW	.1064	2	----	----	----	2	+			
1850	----	----	1.80B/*1.30A	1.80B/*1.30A	----	----	----	1.40 - 0.30	.0485	----	----	----	----	30	UNCH			
1855	----	----	96.50B/80.50A	96.50B/80.50A	----	----	----	91.20 - 1.30	.9749	----	----	----	----	5	UNCH			
1855	----	----	----/*0.60A	----/*0.60A	----	----	----	0.60 - 0.30	.0249	----	----	----	----	53	UNCH			
1855	----	----	6.20B/4.40A	6.20B/4.40A	----	----	----	4.90 - 0.50	.1172	----	----	----	----	2	UNCH			
1855	----	----	2.20B/1.50A	2.20B/1.50A	----	----	----	1.60 - 0.30	.0554	----	----	----	----	3	UNCH			
1860	----	----	91.60B/74.70A	91.60B/74.70A	----	----	----	86.30 - 1.40	.9672	----	----	----	----	8	UNCH			
1860	1.00	1.00	1.10B/*0.70A	1.10B/*0.70A	----	----	----	0.80 - 0.30	.0326	1	----	----	----	22	UNCH			
1860	5.10	5.10	6.90B/5.00A	6.90B/5.00A	----	----	----	5.50 NEW	.1296	3	----	----	----	3	+			
1860	----	----	2.60B/*1.70A	2.60B/*1.70A	----	----	----	1.90 - 0.40	.0650	----	----	----	----	4	UNCH			
1865	----	----	86.60B/70.00A	86.60B/70.00A	----	----	----	81.50 - 1.40	.9624	----	----	----	----	203	UNCH			
1865	1.20	1.20	1.30B/*0.80A	1.30B/*0.80A	----	----	----	0.90 - 0.40	.0373	1	----	----	----	9	+			
1865	----	----	7.80B/5.50A	7.80B/5.50A	----	----	----	6.20 - 0.50	.1435	1	----	----	----	3	+			
1865	----	----	3.10B/2.00A	3.10B/2.00A	----	----	----	2.20 - 0.40	.0747	----	----	----	----	4	UNCH			
1870	----	----	81.90B/65.30A	81.90B/65.30A	----	----	----	76.70 - 1.40	.9542	----	----	----	----	9	UNCH			
1870	----	----	1.60B/*1.00A	1.60B/*1.00A	----	----	----	1.10 - 0.40	.0455	----	----	----	----	10	UNCH			
1870	----	----	8.70B/6.20A	8.70B/6.20A	----	----	----	6.90 NEW	.1575	17	----	----	----	17	+			
1875	----	----	77.40B/60.60A	77.40B/60.60A	----	----	----	71.90 - 1.50	.9427	----	----	----	----	7	UNCH			
1875	2.10	2.10	2.10/*1.20A	2.10/*1.20A	----	----	----	1.40 - 0.40	.0570	5	----	----	----	27	+			
1875	----	----	9.70B/6.90A	9.70B/6.90A	----	----	----	7.70 - 0.60	.1728	1	----	----	----	5	+			
1875	----	----	4.20B/2.60A	4.20B/2.60A	----	----	----	3.00 - 0.50	.0996	----	----	----	----	5	UNCH			
1880	----	----	72.60B/56.20A	72.60B/56.20A	----	----	----	67.20 - 1.60	.9308	----	----	----	----	2	UNCH			
1880	1.70	1.70	2.50B/*1.40A	2.50B/*1.40A	----	----	----	1.70 - 0.40	.0689	14	----	----	----	264	+			
1880	8.30	8.30	10.80B/7.70A	10.80B/7.70A	----	----	----	8.60 NEW	.1895	4	----	----	----	4	+			
1880	----	----	5.00B/3.10A	5.00B/3.10A	----	----	----	3.60 - 0.50	.1165	----	----	----	----	1	UNCH			
1885	----	----	67.90B/51.80A	67.90B/51.80A	----	----	----	62.60 - 1.60	.9185	----	----	----	----	5	UNCH			
1885	----	----	3.10B/*1.70A	3.10B/*1.70A	----	----	----	2.00 - 0.60	.0812	----	----	----	----	17	UNCH			
1885	----	----	5.80B/3.60A	5.80B/3.60A	----	----	----	4.20 - 0.50	.1337	----	----	----	----	2	UNCH			
1890	----	----	63.20B/47.40A	63.20B/47.40A	----	----	----	58.00 - 1.70	.9002	----	----	----	----	4	UNCH			
1890	----	----	3.70B/2.10A	3.70B/2.10A	----	----	----	2.50 - 0.50	.0995	1	----	----	----	21	+			
1890	----	----	13.40B/9.50A	13.40B/9.50A	----	----	----	10.70 - 0.70	.2263	----	----	----	----	2	UNCH			
1890	6.00	6.00	6.70B/4.20A	6.70B/4.20A	----	----	----	4.80 - 0.70	.1512	1	----	----	----	15	UNCH			
1895	----	----	61.10B/46.20A	61.10B/46.20A	----	----	----	56.20 - 1.70	.8268	----	----	----	----	1	UNCH			
1895	----	----	58.70B/43.20A	58.70B/43.20A	----	----	----	53.50 - 1.80	.8814	----	----	----	----	5	UNCH			
1895	----	----	4.50B/2.50A	4.50B/2.50A	----	----	----	3.00 - 0.60	.1183	----	----	----	----	2	UNCH			
1895	----	----	14.80B/10.60A	14.80B/10.60A	----	----	----	11.90 - 0.80	.2463	----	----	----	----	1	UNCH			
1895	----	----	7.80B/4.80A	7.80B/4.80A	----	----	----	5.60 - 0.70	.1727	----	----	----	----	2	UNCH			
1900	----	----	57.00B/42.60A	57.00B/42.60A	----	----	----	52.10 - 1.80	.8020	----	----	----	----	10	UNCH			
1900	----	----	54.30B/39.20A	54.30B/39.20A	----	----	----	49.20 - 1.80	.8596	10	----	----	----	27	+			
1900	----	----	5.40B/3.00A	5.40B/3.00A	----	----	----	3.60 - 0.70	.1401	----	----	----	----	4	UNCH			
1900	----	----	16.40B/11.80A	16.40B/11.80A	----	----	----	13.20 - 0.80	.2673	1	----	----	----	5	UNCH			
1900	----	----	9.00B/5.60A	9.00B/5.60A	----	----	----	6.60 - 0.70	.1975	----	----	----	----	8	UNCH			
1905	44.60	44.60	49.90B/35.30A	49.90B/35.30A	----	----	----	44.90 - 1.90	.8326	1	----	----	----	3	+			
1905	----	----	6.60B/3.60A	6.60B/3.60A	----	----	----	4.40 - 0.70	.1671	----	----	----	----	2	UNCH			
1905	----	----	10.40B/6.50A	10.40B/6.50A	----	----	----	7.60 - 0.80	.2226	----	----	----	----	11	UNCH			
1910	40.50	40.50	45.70B/31.60A	45.70B/31.60A	----	----	----	40.80 - 1.90	.8030	1	----	----	----	1	+			
1910	5.00	5.00	7.90B/4.30A															

PG64	BULLETIN # 18@										METALS OPTION PRODUCTS										Fri, Jan 27, 2023										PG64			
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW		OPEN CLOSE	OUTCRY CLOSE	RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME				OPEN INTEREST														
GMW MON	GOLD WEEKLY MONDAY OPTION WEEK2																																	
FEB23																																		
1995	----	----	----	8.00B/*4.70A	8.00B/*4.70A	----	----	6.50	-	1.10	.1963	----	----	----	----	----	----	20	UNCH															
1995	----	----	----	4.50B/*2.30A	4.50B/*2.30A	----	----	3.60	-	0.80	.1387	----	----	----	----	----	----	16	UNCH															
1995	----	----	----	15.40B/*10.60A	15.40B/*10.60A	----	----	13.40	-	1.20	.2739	----	----	----	----	----	----	2	UNCH															
2000	----	----	----	7.00B/*4.10A	7.00B/*4.10A	----	----	5.70	-	1.10	.1751	----	----	----	2	----	20	UNCH																
2000	2.10	2.10		2.10/*2.00A	2.10/*2.00A	----	----	3.00	-	0.80	.1175	----	----	----	7	----	149	+																
2000	----	----	----	14.10B/*9.70A	14.10B/*9.70A	----	----	12.30	NEW		.2551	----	----	1	----	1	+																	
2005	----	----	----	6.10B/*3.60A	6.10B/*3.60A	----	----	5.00	-	1.00	.1560	----	----	----	----	----	15	UNCH																
2005	----	----	----	----/*1.70A	----/*1.70A	----	----	2.60	-	0.60	.1018	----	----	----	----	----	2	UNCH																
2005	9.80	9.80		12.90B/*8.80A	12.90B/*8.80A	----	----	11.20	-	1.00	.2366	----	----	1	----	1	+																	
2010	----	----	----	5.40B/*3.20A	5.40B/*3.20A	----	----	4.40	-	0.90	.1389	----	----	----	----	----	3	+																
2010	2.00	2.00		2.00/*1.50A	2.00/*1.50A	----	----	2.20	-	0.50	.0868	----	----	----	3	----	79	+																
2010	----	----	----	11.80B/*8.10A	11.80B/*8.10A	----	----	10.20	NEW		.2191	----	----	15	----	15	+																	
2015	----	----	----	4.70B/*2.90A	4.70B/*2.90A	----	----	3.90	-	0.70	.1241	----	----	----	----	----	76	UNCH																
2015	----	----	----	----/*1.30A	----/*1.30A	----	----	1.90	-	0.40	.0748	----	----	----	----	----	7	UNCH																
2015	8.60	8.60		10.70B/*7.40A	10.70B/*7.40A	----	----	9.40	-	0.80	.2038	----	----	3	----	3	+																	
2020	----	----	----	----/*2.60A	----/*2.60A	----	----	3.40	-	0.70	.1097	----	----	----	----	----	17	UNCH																
2020	1.60	1.60		1.60/*1.10A	1.60/*1.10A	----	----	1.60	-	0.40	.0633	----	----	4	----	4	+																	
2020	8.00	8.00		9.80B/*6.70A	9.80B/*6.70A	----	----	8.50	NEW		.1877	----	----	1	----	1	+																	
2025	----	----	----	----/*2.30A	----/*2.30A	----	----	3.00	-	0.60	.0975	----	----	----	----	----	2	UNCH																
2025	----	----	----	----/*1.00A	----/*1.00A	----	----	1.30	-	0.40	.0522	----	----	----	----	----	8	UNCH																
2025	----	----	----	8.90B/*6.20A	8.90B/*6.20A	----	----	7.80	NEW		.1740	----	----	1	----	1	+																	
2030	----	----	----	----/*0.90A	----/*0.90A	----	----	1.10	-	0.30	.0442	----	----	10	----	11	+																	
2030	----	----	----	8.10B/*5.60A	8.10B/*5.60A	----	----	7.10	-	0.70	.1605	----	----	1	----	1	UNCH																	
2035	----	----	----	----/*0.80A	----/*0.80A	----	----	0.90	-	0.30	.0364	----	----	----	----	19	UNCH																	
2035	----	----	----	7.40B/*5.20A	7.40B/*5.20A	----	----	6.50	-	0.70	.1484	----	----	1	----	2	+																	
2040	----	----	----	----/*0.70A	----/*0.70A	----	----	0.80	-	0.30	.0319	----	----	----	----	6	UNCH																	
2040	----	----	----	6.70B/*4.70A	6.70B/*4.70A	----	----	5.90	NEW		.1365	----	----	2	----	2	+																	
2045	----	----	----	----/*0.60A	----/*0.60A	----	----	0.70	NEW		.0277	----	----	5	----	5	+																	
2050	----	----	----	----/*1.30A	----/*1.30A	----	----	1.70	-	0.30	.0558	----	----	----	----	10	UNCH																	
2050	----	----	----	----/*0.60A	----/*0.60A	----	----	0.60	-	0.20	.0236	----	----	----	----	46	UNCH																	
2050	----	----	----	5.60B/*4.00A	5.60B/*4.00A	----	----	5.00	-	0.50	.1171	----	----	1	----	11	+																	
2055	1.50	1.50		1.50/*1.20A	1.50/*1.20A	----	----	1.50	-	0.30	.0494	----	----	16	----	17	+																	
2055	----	----	----	----/*0.50A	----/*0.50A	----	----	0.50	-	0.20	.0197	----	----	----	----	10	UNCH																	
2055	----	----	----	----/*3.70A	----/*3.70A	----	----	4.60	-	0.50	.1083	----	----	----	----	1	UNCH																	
2060	----	----	----	----/*1.10A	----/*1.10A	----	----	1.30	-	0.30	.0432	----	----	----	----	38	UNCH																	
2060	----	----	----	----/*0.50A	----/*0.50A	----	----	0.50	-	0.10	.0190	----	----	----	----	3	UNCH																	
2060	----	----	----	----/*3.40A	----/*3.40A	----	----	4.20	NEW		.0998	----	----	4	----	4	+																	
2065	----	----	----	----/*1.00A	----/*1.00A	----	----	1.20	-	0.20	.0395	----	----	1	----	2	UNCH																	
2065	----	----	----	----/*3.20A	----/*3.20A	----	----	3.90	-	0.40	.0928	----	----	----	----	5	UNCH																	
2070	----	----	----	----	----	----	----	0.40	UNCH		.0148	----	----	----	----	1	UNCH																	
2070	----	----	----	----/*2.90A	----/*2.90A	----	----	3.50	-	0.40	.0844	----	----	----	----	1	UNCH																	
2075	----	----	----	----/*0.90A	----/*0.90A	----	----	1.00	-	0.20	.0326	----	----	----	----	1	UNCH																	
2075	----	----	----	----/*0.30A	----/*0.30A	----	----	0.30	-	0.10	.0113	----	----	----	----	37	UNCH																	
2080	----	----	----	----	----	----	----	0.30	UNCH		.0109	----	----	1	----	3	UNCH																	
2085	----	----	----	----/*2.40A	----/*2.40A	----	----	2.80	-	0.30	.0678	----	----	2	----	42	+																	
2090	----	----	----	----/*2.20A	----/*2.20A	----	----	2.60	-	0.30	.0630	----	----	----	----	1	UNCH																	
2095	0.60	0.60		0.60/*0.60	0.60/*0.60	----	----	0.70	-	0.10	.0223	----	----	1	----	4	+																	
2095	----	----	----	2.70B/*2.10A	2.70B/*2.10A	----	----	2.40	NEW		.0584	----	----	1	----	1	+																	
2100	----	----	----	----/*0.60A	----/*0.60A	----	----	0.60	-	0.10	.0193	----	----	----	----	2	UNCH																	
2100	----	----	----	2.50B/*1.90A	2.50B/*1.90A	----	----	2.20	-	0.20	.0538	----	----	1	----	2	+																	
2110	2.10	2.10		2.20B/*1.70A	2.20B/*1.70A	----	----	1.90	-	0.20	.0465	----	----	40	----	41	+																	
2115	----	----	----	----	----	----	----	0.50	UNCH		.0155	----	----	1	----	2	UNCH																	
2125	----	----	----	----	----	----	----	0.40	-	0.10	.0124	----	----	----	----	5	UNCH																	
2125	----	----	----	1.80B/*1.40A	1.80B/*1.40A	----	----	1.50	-																									

BULLETIN # 18@				METALS OPTION PRODUCTS					Fri, Jan 27, 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	
SMW MON	SILVER WEEKLY MONDAY OPTION WEEK5												
JAN23													
2750	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH
2850	----	----	----	----	----	0.001	UNCH	----	----	----	----	11	UNCH
2875	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH
2900	----	----	----	----	----	0.001	UNCH	----	----	----	----	2	UNCH
TOTAL										46	0	449 +	29
FEB23													
2050	----	----	----	----	----	0.003 +	0.001 .0047	----	----	----	----	2	UNCH
2100	----	----	----	----	----	2.641 -	0.392 .9678	----	----	----	----	1	UNCH
2100	----	----	----	----	----	0.007 +	0.002 .0114	----	----	----	----	1	UNCH
2125	----	----	----	----	----	2.399 -	0.390 .9567	----	----	----	----	1	UNCH
2150	----	----	----	----	----	2.136 -	0.393 .9731	----	----	----	----	2	UNCH
2200	----	----	----	----	----	1.702 -	0.373 .8909	----	----	----	----	1	UNCH
2200	----	----	----	----	----	1.657 -	0.385 .9383	----	----	----	----	2	UNCH
2200	----	----	----	----	----	0.037 +	0.013 .0616	----	----	----	----	1	UNCH
2250	----	----	----	----	----	0.084 +	0.031 .1335	----	----	----	----	25	UNCH
2250	----	----	----	----	----	1.205 -	0.366 .8664	----	----	----	----	1	UNCH
2255	----	----	----	----	----	0.170 +	0.049 .2022	----	----	----	----	5	UNCH
2260	----	----	----	----	----	0.099 +	0.037 .1546	----	----	----	----	1	UNCH
2265	----	----	----	----	----	0.193 +	0.056 .2241	----	----	----	----	5	UNCH
2270	----	----	----	----	----	0.117 +	0.043 .1786	----	----	----	----	5	UNCH
2275	----	----	----	----	----	0.126 +	0.046 .1908	----	----	----	----	15	UNCH
2275	----	----	----	----	----	0.218 +	0.063 .2472	----	----	----	----	3	UNCH
2275	----	----	----	----	----	1.088 -	0.335 .7527	----	----	----	----	2	UNCH
2275	----	----	----	----	----	0.997 -	0.351 .8091	----	----	----	----	3	UNCH
2300	----	----	----	----	----	0.807 -	0.331 .7361	----	----	----	----	2	UNCH
2300	----	----	----	----	----	0.186 +	0.067 .2638	----	----	----	----	14	UNCH
2310	----	----	----	----	----	0.326 +	0.091 .3373	----	----	----	----	8	UNCH
2315	----	----	----	----	----	0.344 +	0.096 .3511	----	----	----	----	5	UNCH
2320	----	----	----	----	----	0.249 +	0.088 .3317	----	----	----	----	1	UNCH
2325	----	----	----	----	----	0.754 -	0.292 .6205	----	----	----	----	1	UNCH
2325	----	----	----	----	----	0.382 +	0.105 .3793	----	----	----	----	1	UNCH
2340	----	----	----	----	----	0.446 +	0.120 .4229	----	----	----	----	1	UNCH
2340	----	----	----	----	----	0.326 +	0.111 .4056	----	----	----	----	1	UNCH
2345	----	----	----	----	----	0.641 -	0.271 .5622	----	----	----	----	3	UNCH
2350	----	----	----	----	----	0.614 -	0.266 .5474	----	----	----	----	4	UNCH
2350	0.400	0.400	0.5978/0.333A	0.5978/0.333A	----	0.493 +	0.131 .4525	----	----	2	----	1	UNCH
2350	----	----	0.4808/0.219A	0.4808/0.219A	----	0.371 +	0.124 .4440	----	----	----	----	3	UNCH
2360	0.465	0.465	0.7188/0.347A	0.7188/0.347A	----	0.441	NEW .5172	----	----	1	----	1 +	1
2360	----	----	0.5378/0.251A	0.5378/0.251A	----	0.419 +	0.137 .4827	----	----	----	----	6	UNCH
2360	----	----	-----/0.467A	-----/0.467A	----	0.564 -	0.255 .5178	----	----	----	----	8	UNCH
2375	----	----	0.7448/0.429A	0.7448/0.429A	----	0.622 +	0.159 .5262	----	----	----	----	1	UNCH
2380	0.460	0.460	0.5908/0.271A	0.5908/0.271A	----	0.350 -	0.231 .4403	----	----	24	----	16 +	16
2380	----	----	0.7728/0.449A	0.7728/0.449A	----	0.650 +	0.165 .5407	----	----	----	----	1	UNCH
2390	----	----	0.7278/0.400A	0.7278/0.400A	----	0.588 +	0.181 .5969	----	----	----	----	2	UNCH
2400	----	----	0.8038/-----	0.8038/-----	----	0.652 +	0.197 .6329	----	----	----	----	6	UNCH
2400	0.315	0.315	0.315/0.209A	0.315/0.209A	----	0.274 -	0.201 .3670	----	----	1	----	7	UNCH
2400	----	----	-----/0.321A	-----/0.321A	----	0.393 -	0.208 .4022	----	----	----	----	1	UNCH
2405	----	----	-----/0.195A	-----/0.195A	----	0.257 -	0.194 .3494	----	----	----	----	4	UNCH
2410	----	----	0.8068/0.499A	0.8068/0.499A	----	0.719 +	0.211 .6675	----	----	----	----	3	UNCH
2415	----	----	-----/0.277A	-----/0.277A	----	0.341 -	0.191 .3617	----	----	----	----	9	UNCH
2415	----	----	0.4348/0.170A	0.4348/0.170A	----	0.226 -	0.179 .3158	----	----	----	----	7	UNCH
2420	0.654	0.654	0.8888/0.542A	0.8888/0.542A	----	0.789 +	0.226 .7001	----	----	14	----	14 -	4
2420	----	----	0.8048/-----	0.8048/-----	----	0.901 +	0.212 .6516	----	----	----	----	1	UNCH
2425	----	----	1.1348/-----	1.1348/-----	----	1.012 +	0.193 .5722	----	----	----	----	1	UNCH
2430	----	----	0.3678/*0.138A	0.3678/*0.138A	----	0.186 -	0.157 .2693	----	----	----	----	6	UNCH
2435	----	----	0.3458/*0.129A	0.3458/*0.129A	----	0.174 -	0.150 .2548	----	----	----	----	100	UNCH
2435	----	----	1.0158/0.629A	1.0158/0.629A	----	0.901 +	0.248 .7451	----	----	----	----	1	UNCH
2440	----	----	-----/0.454A	-----/0.454A	----	0.530 -	0.193 .3981	----	----	----	----	3	UNCH
2440	----	----	0.3278/*0.120A	0.3278/*0.120A	----	0.162 -	0.144 .2403	----	----	----	----	9	UNCH
2450	----	----	0.4178/0.193A	0.4178/0.193A	----	0.240 -	0.153 .2752	----	----	----	----	1	UNCH
2450	----	----	0.2908/*0.104A	0.2908/*0.104A	----	0.142 -	0.130 .2144	----	----	----	----	2	UNCH
2470	----	----	0.3488/0.157A	0.3488/0.157A	----	0.196 -	0.132 .2329	----	----	----	----	1	UNCH
2470	----	----	0.2288/*0.078A	0.2288/*0.078A	----	0.108 -	0.106 .1686	----	----	----	----	7	UNCH
2480	----	----	0.2018/*0.068A	0.2018/*0.068A	----	0.094 -	0.095 .1488	----	----	----	----	1	UNCH
2500	0.150	0.150	0.2638/*0.115A	0.2638/*0.115A	----	0.143 -	0.105 .1783	----	----	3	----	9 +	3
2500	1.421	1.421	1.6538/1.421	1.6538/1.421	----	1.448	NEW .8838	----	----	2	----	2 +	2
2500	----	----	0.1558/*0.052A	0.1558/*0.052A	----	0.072 -	0.076 .1160	----	----	----	----	1	UNCH
2510	----	----	0.1368/*0.046A	0.1368/*0.046A	----	0.063 -	0.068 .1023	----	----	----	----	7	UNCH
2515	----	----	0.2288/*0.098A	0.2288/*0.098A	----	0.122 -	0.093 .1553	----	----	----	----	8	UNCH
2520	0.068	0.068	0.1198/*0.040A	0.1198/*0.040A	----	0.055	NEW .0899	----	----	6	----	6 +	6
2550	----	----	2.1288/-----	2.1288/-----	----	1.914 +	0.355 .9377	----	----	----	----	1	UNCH
2550	----	----	-----/0.028A	-----/0.028A	----	0.038 -	0.043 .0622	----	----	----	----	11	UNCH
2550	----	----	0.1618/*0.069A	0.1618/*0.069A	----	0.084 -	0.070 .1112	----	----	----	----	4	UNCH
2575	----	----	-----/0.022A	-----/0.022A	----	0.028 -	0.032 .0457	----	----	----	----	5	UNCH
2575	----	----	2.2748/-----	2.2748/-----	----	2.154 +	0.366 .9542	----	----	----	----	2	UNCH
2600	0.065	0.065	0.0978/*0.043A	0.0978/*0.043A	----	0.051 -	0.045 .0695	----	----	10	----	2 -	5
2600	----	----	-----/0.018A	-----/0.018A	----	0.021 -	0.024 .0340	----	----	----	----	11	UNCH
2650	----	----	-----/0.029A	-----/0.029A	----	0.032 -	0.030 .0441	----	----	----	----	7	UNCH
2650	----	----	-----/0.012A	-----/0.012A	----	0.012 -	0.014 .0189	----	----	----	----	8	UNCH
2675	----	----	-----/0.011A	-----/0.011A	----	0.009 -	0.011 .0140	----	----	----	----	1	UNCH
2700	----	----											

	BULLETIN # 18@				METALS OPTION PRODUCTS					Fri, Jan 27, 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			COMEX SILVER OPTIONS												
FEB23															
2235	----	----		----	----				1.670	UNCH	----	----	----	----	0
2240	----	----		----	----				1.620	UNCH	----	----	----	----	0
2250	----	----		----	----				1.520	UNCH	----	----	----	----	0
2255	----	----		----	----				1.470	UNCH	----	----	----	----	0
2260	----	----		----	----				1.420	UNCH	----	----	----	----	0
2265	----	----		----	----				1.370	UNCH	----	----	----	----	0
2270	----	----		----	----				1.320	UNCH	----	----	----	----	0
2275	----	----		----	----				1.270	UNCH	----	----	----	----	0
2280	----	----		----	----				1.220	UNCH	----	----	----	----	0
2285	----	----		----	----				1.170	UNCH	----	----	----	----	0
2290	----	----		----	----				1.120	UNCH	----	----	----	----	0
2295	----	----		----	----				1.070	UNCH	----	----	----	----	0
2300	----	----		----	----				1.020	UNCH	----	----	----	----	0
2305	----	----		----	----				0.970	UNCH	----	----	----	----	0
2310	----	----		----	----				0.920	UNCH	----	----	----	----	0
2315	----	----		----	----				0.870	UNCH	----	----	----	----	0
2320	----	----		----	----				0.820	UNCH	----	----	----	----	0
2325	----	----		----	----				0.770	UNCH	----	----	----	----	0
2330	----	----		----	----				0.720	UNCH	----	----	----	----	0
2335	----	----		----	----				0.670	UNCH	----	----	----	----	0
2340	----	----		----	----				0.620	UNCH	----	----	----	----	0
2345	----	----		----	----				0.570	UNCH	----	----	----	----	0
2350	----	----		----	----				0.520	UNCH	----	----	----	----	0
2355	----	----		----	----				0.470	UNCH	----	----	----	----	0
2360	----	----		----	----				0.420	UNCH	----	----	----	----	0
2365	----	----		----	----				0.370	UNCH	----	----	----	----	0
2370	----	----		----	----				0.320	UNCH	----	----	----	----	0
2375	----	----		----	----				0.270	UNCH	----	----	----	----	0
2380	----	----		----	----				0.220	UNCH	----	----	----	----	0
2385	----	----		----	----				0.170	UNCH	----	----	----	----	0
2390	----	----		----	----				0.120	UNCH	----	----	----	----	0
2395	----	----		----	----				0.070	UNCH	----	----	----	----	0
2400	----	----		----	----				0.020	UNCH	----	----	----	----	0
2405	----	----		----	----				0.000	UNCH	----	----	----	----	0
2410	----	----		----	----				0.000	UNCH	----	----	----	----	0
2415	----	----		----	----				0.000	UNCH	----	----	----	----	0
2420	----	----		----	----				0.000	UNCH	----	----	----	----	0
2425	----	----		----	----				0.000	UNCH	----	----	----	----	0
2430	----	----		----	----				0.000	UNCH	----	----	----	----	0
2435	----	----		----	----				0.000	UNCH	----	----	----	----	0
2440	----	----		----	----				0.000	UNCH	----	----	----	----	0
2445	----	----		----	----				0.000	UNCH	----	----	----	----	0
2450	----	----		----	----				0.000	UNCH	----	----	----	----	0
2455	----	----		----	----				0.000	UNCH	----	----	----	----	0
2460	----	----		----	----				0.000	UNCH	----	----	----	----	0
2465	----	----		----	----				0.000	UNCH	----	----	----	----	0
2475	----	----		----	----				0.000	UNCH	----	----	----	----	0
2480	----	----		----	----				0.000	UNCH	----	----	----	----	0
2495	----	----		----	----				0.000	UNCH	----	----	----	----	0
2500	----	----		----	----				0.000	UNCH	----	----	----	----	0
2510	----	----		----	----				0.000	UNCH	----	----	----	----	0
2525	----	----		----	----				0.000	UNCH	----	----	----	----	0
2550	----	----		----	----				0.000	UNCH	----	----	----	----	0
2555	----	----		----	----				0.000	UNCH	----	----	----	----	0
2560	----	----		----	----				0.000	UNCH	----	----	----	----	0
2565	----	----		----	----				0.000	UNCH	----	----	----	----	0
2570	----	----		----	----				0.000	UNCH	----	----	----	----	0
2575	----	----		----	----				0.000	UNCH	----	----	----	----	0
2580	----	----		----	----				0.000	UNCH	----	----	----	----	0
2585	----	----		----	----				0.000	UNCH	----	----	----	----	0
2595	----	----		----	----				0.000	UNCH	----	----	----	----	0
2600	----	----		----	----				0.000	UNCH	----	----	----	----	0
2605	----	----		----	----				0.000	UNCH	----	----	----	----	0
2635	----	----		----	----				0.000	UNCH	----	----	----	----	0
2750	----	----		----	----				0.000	UNCH	----	----	----	----	0
TOTAL														0	0
MAR23															
1250	----	----		----	----				11.122	- 0.398	.0000	----	----	----	1
1350	----	----		----	----				10.122	- 0.398	.0000	----	----	----	1
1375	----	----		----	----				9.872	- 0.398	.0000	----	----	----	2
1475	----	----		----	----				8.872	- 0.398	.9999	----	----	----	4
1500	----	----		----	----				8.622	- 0.398	.9997	----	----	----	4
1525	----	----		----	----				8.372	- 0.398	.9995	----	----	----	2
1550	----	----		----	----				8.122	- 0.398	.9991	----	----	----	2
1575	----	----		----	----				7.872	- 0.398	.9983	----	----	----	4
1600	----	----		----	----				7.622	- 0.398	.9983	----	----	----	4
1625	----	----		----	----				7.372	- 0.398	.9982	----	----	----	2
1650	----	----		----	----				7.122	- 0.398	.9981	----	----	----	4
1675	----	----		----	----				6.872	- 0.398	.9973	----	----	----	14
1700	----	----		----	----				6.622	- 0.398	.9971	----	----	----	21
1725	----	----		----	----				6.372	- 0.398	.9962	----	----	----	5
1750	----	----		----	----				6.122	- 0.398	.9961	----	----	----	3
1775	----	----		----	----				5.872	- 0.398	.9951	----	----	----	4
1800	----	----		----	----				5.622	- 0.398	.9948	----	----	----	25
1825	----	----		----	----				5.373	- 0.397	.9937	----	----	----	1
1850	----	----		----	----				5.123	- 0.398	.9926	----	----	----	19
1875	----	----		----	----				4.874	- 0.397	.9913	----	----	----	178
1900	----	----		----	----				4.625	- 0.397	.9891	----	----	----	147
1925	----	----		----	----				4.377	- 0.396	.9867	----	----	----	45
1950	----	----		----	----				4.129	- 0.396	.9842	----	----	----	293
1975	----	----		----	----				3.882	- 0.396	.9798	----	----	----	115
2000	----	----		----	----				3.637	- 0.394	.9751	----	----	----	516
2025	----	----		----	----				3.392	- 0.393	.9693	----	----	----	4
2040	----	----		----	----				3.247	- 0.392	.9639	----	----	----	4
2050	----</														



BULLETIN # 18@				METALS OPTION PRODUCTS						Fri, Jan 27, 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															
2355	0.722	0.722	1.0278/0.640	1.0278/0.640	----	0.756 -	0.248	.5311	----	----	13	----	23 +	10	
2360	0.740	0.740	0.9988/0.625A	0.9988/0.625A	----	0.732 -	0.243	.5199	----	----	14	----	12 +	10	
2365	0.726	0.726	0.9698/0.603A	0.9698/0.603A	----	0.708 -	0.239	.5086	----	----	2	----	26	UNCH	
2370	0.706	0.706	0.9418/0.577	0.9418/0.577	----	0.685 -	0.235	.4975	----	174	----	150 +	82		
2375	0.668	0.668	0.9358/0.563A	0.9358/0.563A	----	0.663 -	0.230	.4864	----	10	----	57 +	2		
2380	0.630	0.630	0.8888/0.543A	0.8888/0.543A	----	0.641 -	0.226	.4753	----	2	----	13 +	2		
2385	0.720	0.720	0.8608/0.524A	0.8608/0.524A	----	0.620 -	0.221	.4643	----	5	----	22 -	2		
2390	-----	-----	0.8358/0.506A	0.8358/0.506A	----	0.599 -	0.217	.4534	----	7	----	61	UNCH		
2395	0.755	0.755	0.8108/0.488A	0.8108/0.488A	----	0.579 -	0.213	.4426	----	5	----	25 -	3		
2400	0.773	0.773	0.812/0.466	0.812/0.466	----	0.559 -	0.209	.4318	----	109	----	1439 +	10		
2405	-----	-----	0.7618/0.454A	0.7618/0.454A	----	0.540 -	0.204	.4211	----	2	----	29 +	2		
2410	-----	-----	0.7388/0.438A	0.7388/0.438A	----	0.521 -	0.200	.4105	----	-----	-----	44	UNCH		
2415	-----	-----	0.7148/0.422A	0.7148/0.422A	----	0.503 -	0.196	.4001	----	-----	-----	15	UNCH		
2420	-----	-----	0.6928/0.407A	0.6928/0.407A	----	0.485 -	0.192	.3897	----	-----	-----	110	UNCH		
2425	0.655	0.655	0.6908/0.392A	0.6908/0.392A	----	0.468 -	0.188	.3795	----	93	----	391 -	10		
2430	-----	-----	0.6688/0.377A	0.6688/0.377A	----	0.452 -	0.183	.3695	----	31	----	159 -	31		
2435	0.478	0.478	0.6478/0.363A	0.6478/0.363A	----	0.436 -	0.179	.3596	----	2	----	2 +	2		
2440	0.423	0.423	0.6268/0.350A	0.6268/0.350A	----	0.420 -	0.175	.3498	----	7	----	161	UNCH		
2445	-----	-----	0.6068/0.338A	0.6068/0.338A	----	0.405 -	0.171	.3402	----	1	----	9	UNCH		
2450	0.527	0.527	0.5858/0.324A	0.5858/0.324A	----	0.390 -	0.168	.3306	----	95	----	578 +	54		
2455	-----	-----	0.5688/0.312A	0.5688/0.312A	----	0.376 -	0.164	.3213	----	-----	-----	27	UNCH		
2460	0.426	0.426	0.5498/0.301A	0.5498/0.301A	----	0.362 -	0.160	.3121	----	9	----	12 -	8		
2465	0.351	0.351	0.5308/0.290A	0.5308/0.290A	----	0.349 -	0.156	.3032	----	9	----	27 +	7		
2470	-----	-----	0.5128/0.279A	0.5128/0.279A	----	0.336 -	0.152	.2943	----	3	----	60 -	3		
2475	-----	-----	0.4958/0.268A	0.4958/0.268A	----	0.323 -	0.149	.2854	----	58	----	221 +	11		
2480	-----	-----	0.4808/0.258A	0.4808/0.258A	----	0.311 -	0.145	.2769	----	2	----	13	UNCH		
2485	0.306	0.306	0.4638/0.248A	0.4638/0.248A	----	0.300 -	0.141	.2688	----	2	----	31 +	2		
2490	-----	-----	0.4478/0.238A	0.4478/0.238A	----	0.288 -	0.138	.2604	----	2	----	16	UNCH		
2495	-----	-----	0.4328/0.229A	0.4328/0.229A	----	0.278 -	0.134	.2528	----	-----	-----	42	UNCH		
2500	0.340	0.340	0.4178/0.220	0.4178/0.220	----	0.267 -	0.131	.2448	----	504	----	2512 +	8		
2505	0.304	0.304	0.4028/0.212A	0.4028/0.212A	----	0.257 -	0.127	.2372	----	51	----	75 +	37		
2510	-----	-----	0.3898/0.203A	0.3898/0.203A	----	0.247 -	0.124	.2297	----	1	----	19	UNCH		
2515	0.198	0.198	0.3768/0.196A	0.3768/0.196A	----	0.238 -	0.120	.2226	----	8	----	17 +	5		
2520	0.190	0.190	0.3638/0.188A	0.3638/0.188A	----	0.228 -	0.118	.2151	----	5	----	23 +	5		
2525	0.225	0.225	0.3508/0.181A	0.3508/0.181A	----	0.220 -	0.114	.2085	----	90	----	170 +	17		
2530	-----	-----	0.3378/0.174A	0.3378/0.174A	----	0.211 -	0.111	.2015	----	2	----	47 -	2		
2535	-----	-----	0.3258/0.167A	0.3258/0.167A	----	0.203 -	0.108	.1950	----	-----	-----	81	UNCH		
2540	-----	-----	0.3148/0.161A	0.3148/0.161A	----	0.195 -	0.105	.1886	----	2	----	10 +	2		
2545	-----	-----	0.3038/*0.155A	0.3038/*0.155A	----	0.188 -	0.102	.1826	----	-----	-----	6	UNCH		
2550	0.216	0.216	0.2918/*0.149A	0.2918/*0.149A	----	0.180 -	0.100	.1762	----	60	----	1006 -	21		
2555	-----	-----	0.2818/*0.143A	0.2818/*0.143A	----	0.173 -	0.097	.1703	----	-----	-----	41	UNCH		
2560	-----	-----	0.2718/*0.138A	0.2718/*0.138A	----	0.166 -	0.094	.1645	----	1	----	24	UNCH		
2565	-----	-----	0.2628/*0.132A	0.2628/*0.132A	----	0.160 -	0.091	.1592	----	-----	-----	36	UNCH		
2570	-----	-----	0.2528/*0.128A	0.2528/*0.128A	----	0.154 -	0.088	.1540	----	-----	-----	18	UNCH		
2575	0.140	0.140	0.2428/*0.123A	0.2428/*0.123A	----	0.148 -	0.086	.1487	----	63	----	212 +	9		
2580	-----	-----	0.2348/*0.118A	0.2348/*0.118A	----	0.142 -	0.083	.1435	----	-----	-----	36	UNCH		
2585	0.133	0.133	0.2248/*0.114A	0.2248/*0.114A	----	0.136 -	0.081	.1383	----	5	----	33 +	1		
2590	-----	-----	0.2178/*0.110A	0.2178/*0.110A	----	0.131 -	0.079	.1338	----	2	----	31 +	2		
2595	-----	-----	0.2098/*0.106A	0.2098/*0.106A	----	0.126 -	0.076	.1292	----	-----	-----	9	UNCH		
2600	0.145	0.145	0.2018/*0.101	0.2018/*0.101	----	0.121 -	0.074	.1247	----	379	----	922 -	112		
2605	-----	-----	0.1948/*0.098A	0.1948/*0.098A	----	0.116 -	0.072	.1202	----	1	----	18 -	1		
2610	-----	-----	0.1868/*0.095A	0.1868/*0.095A	----	0.112 -	0.070	.1163	----	-----	-----	31	UNCH		
2615	-----	-----	0.1798/*0.092A	0.1798/*0.092A	----	0.108 -	0.067	.1125	----	-----	-----	26	UNCH		
2620	-----	-----	0.1728/*0.088A	0.1728/*0.088A	----	0.103 -	0.066	.1081	----	-----	-----	38	UNCH		
2625	-----	-----	0.1668/*0.085A	0.1668/*0.085A	----	0.099 -	0.064	.1043	----	53	----	79 +	3		
2630	-----	-----	0.1608/*0.082A	0.1608/*0.082A	----	0.096 -	0.061	.1012	----	-----	-----	37	UNCH		
2635	-----	-----	0.1548/*0.080A	0.1548/*0.080A	----	0.092 -	0.060	.0975	----	-----	-----	27	UNCH		
2650	0.083	0.083	0.1398/*0.071A	0.1398/*0.071A	----	0.082 -	0.055	.0877	----	13	----	381 -	7		
2675	0.077	0.077	0.077/*0.061A	0.077/*0.061A	----	0.068 -	0.047	.0737	----	3	----	134 +	1		
2700	0.077	0.077	0.077/*0.051	0.077/*0.051	----	0.057 -	0.041	.0623	----	325	----	723 +	32		
2725	0.063	0.063	0.063/*0.045A	0.063/*0.045A	----	0.048 -	0.035	.0528	----	2	----	105	UNCH		
2750	-----	-----	-----/*0.038A	-----/*0.038A	----	0.041 -	0.030	.0452	----	5	----	786 +	1		
2775	-----	-----	-----/*0.034A	-----/*0.034A	----	0.035 -	0.026	.0387	----	-----	-----	65	UNCH		
2800	0.044	0.044	0.044/*0.029	0.044/*0.029	----	0.030 -	0.022	.0332	----	101	----	781 -	24		
2825	-----	-----	-----/*0.027A	-----/*0.027A	----	0.027 -	0.018	.0295	----	-----	-----	137	UNCH		
2850	-----	-----	-----/*0.022A	-----/*0.022A	----	0.024 -	0.015	.0261	----	2	----	378	UNCH		
2875	-----	-----	-----/*0.021A	-----/*0.021A	----	0.021 -	0.013	.0227	----	2	----	30 -	2		
2900	0.020	0.020	0.020/*0.019A	0.020/*0.019A	----	0.019 -	0.011	.0204	----	3</					

BULLETIN # 18@				METALS OPTION PRODUCTS						Fri, Jan 27, 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													
APR23														
2280	----	----	----/1. 503A	----/1. 503A	----	1. 651 -	0. 291	.6714	----	----	----	2	UNCH	
2285	----	----	----/1. 474A	----/1. 474A	----	1. 620 -	0. 288	.6643	----	----	----	11	UNCH	
2290	1. 650	1. 650	1. 650/1. 446A	1. 650/1. 446A	----	1. 590	NEW	.6573	----	3	----	3 +	3	
2295	----	----	----/1. 417A	----/1. 417A	----	1. 560 -	0. 282	.6501	----	----	----	3	UNCH	
2300	1. 525	1. 525	1. 525/1. 386A	1. 525/1. 386A	----	1. 530 -	0. 279	.6430	----	1	----	12 -	1	
2305	----	----	----/1. 360A	----/1. 360A	----	1. 501 -	0. 276	.6358	----	----	----	3	UNCH	
2310	----	----	1. 7558/1. 331A	1. 7558/1. 331A	----	1. 472 -	0. 273	.6286	----	----	----	2	UNCH	
2320	----	----	1. 7028/1. 279A	1. 7028/1. 279A	----	1. 415 -	0. 268	.6140	----	----	----	5	UNCH	
2325	----	----	1. 6718/1. 253A	1. 6718/1. 253A	----	1. 387 -	0. 265	.6067	----	----	----	6	UNCH	
2330	----	----	1. 6408/1. 227A	1. 6408/1. 227A	----	1. 360 -	0. 262	.5994	----	----	----	1	UNCH	
2335	----	----	1. 6108/1. 202A	1. 6108/1. 202A	----	1. 333 -	0. 259	.5921	----	----	----	1	UNCH	
2340	----	----	1. 5808/1. 178A	1. 5808/1. 178A	----	1. 307 -	0. 255	.5847	----	----	----	1	UNCH	
2345	----	----	1. 5508/1. 153A	1. 5508/1. 153A	----	1. 281 -	0. 252	.5774	----	----	----	4	UNCH	
2350	1. 368	1. 368	1. 5218/1. 130A	1. 5218/1. 130A	----	1. 255 -	0. 250	.5700	----	1	----	145 +	1	
2355	----	----	1. 4938/1. 106A	1. 4938/1. 106A	----	1. 230 -	0. 246	.5626	----	----	----	2	UNCH	
2360	1. 077	1. 077	1. 4648/1. 077	1. 4648/1. 077	----	1. 205 -	0. 244	.5552	----	2	----	5	UNCH	
2370	----	----	1. 4108/1. 038A	1. 4108/1. 038A	----	1. 157 -	0. 237	.5405	----	----	----	131	UNCH	
2375	----	----	1. 3838/1. 016A	1. 3838/1. 016A	----	1. 133 -	0. 234	.5331	----	----	----	37	UNCH	
2380	----	----	1. 3568/0. 995A	1. 3568/0. 995A	----	1. 110 -	0. 231	.5258	----	----	----	10	UNCH	
2390	----	----	1. 3028/0. 953A	1. 3028/0. 953A	----	1. 065 -	0. 225	.5112	----	----	----	5	UNCH	
2395	----	----	1. 2778/0. 933A	1. 2778/0. 933A	----	1. 043 -	0. 222	.5039	----	----	----	8	UNCH	
2400	0. 927	0. 927	1. 2518/0. 913A	1. 2518/0. 913A	----	1. 021 -	0. 219	.4967	----	2	----	280	UNCH	
2405	----	----	1. 2228/0. 893A	1. 2228/0. 893A	----	1. 000 -	0. 216	.4895	----	----	----	8	UNCH	
2415	----	----	1. 1738/0. 855A	1. 1738/0. 855A	----	0. 959 -	0. 209	.4752	----	----	----	48	UNCH	
2420	----	----	----/0. 836A	----/0. 836A	----	0. 938 -	0. 207	.4681	----	----	----	134	UNCH	
2425	----	----	----/0. 818A	----/0. 818A	----	0. 919 -	0. 203	.4611	----	----	----	80	UNCH	
2430	----	----	----/0. 800A	----/0. 800A	----	0. 899 -	0. 201	.4540	----	----	----	1	UNCH	
2435	----	----	----/0. 783A	----/0. 783A	----	0. 880 -	0. 198	.4471	----	----	----	19	UNCH	
2440	----	----	----/0. 765A	----/0. 765A	----	0. 862 -	0. 194	.4402	----	----	----	10	UNCH	
2445	----	----	----/0. 749A	----/0. 749A	----	0. 843 -	0. 192	.4333	----	----	----	2	UNCH	
2450	0. 840	0. 840	0. 840/0. 733A	0. 840/0. 733A	----	0. 825 -	0. 189	.4265	----	1	----	191	UNCH	
2455	----	----	----/0. 715A	----/0. 715A	----	0. 807 -	0. 186	.4197	----	----	----	7	UNCH	
2460	----	----	----/0. 700A	----/0. 700A	----	0. 790 -	0. 183	.4130	----	----	----	1	UNCH	
2465	----	----	0. 9808/0. 685A	0. 9808/0. 685A	----	0. 773 -	0. 180	.4064	----	----	----	46	UNCH	
2475	----	----	0. 9408/0. 655A	0. 9408/0. 655A	----	0. 740 -	0. 174	.3933	----	2	----	273 +	2	
2480	----	----	0. 9218/0. 640A	0. 9218/0. 640A	----	0. 724 -	0. 171	.3868	----	----	----	4	UNCH	
2490	----	----	0. 8838/0. 612A	0. 8838/0. 612A	----	0. 693 -	0. 166	.3741	----	----	----	10	UNCH	
2495	0. 650	0. 650	0. 8658/0. 598A	0. 8658/0. 598A	----	0. 678 -	0. 163	.3678	----	1	----	10	UNCH	
2500	----	----	0. 8478/0. 585A	0. 8478/0. 585A	----	0. 663 -	0. 161	.3616	----	7	----	202 +	3	
2505	----	----	0. 8298/0. 572A	0. 8298/0. 572A	----	0. 649 -	0. 157	.3555	----	----	----	1	UNCH	
2520	----	----	0. 7788/0. 535A	0. 7788/0. 535A	----	0. 607 -	0. 150	.3375	----	----	----	4	UNCH	
2525	----	----	0. 7628/0. 523A	0. 7628/0. 523A	----	0. 594 -	0. 147	.3317	----	----	----	118	UNCH	
2535	----	----	0. 7308/0. 498A	0. 7308/0. 498A	----	0. 568 -	0. 142	.3202	----	----	----	5	UNCH	
2540	----	----	0. 7148/0. 487A	0. 7148/0. 487A	----	0. 556 -	0. 139	.3147	----	----	----	3	UNCH	
2545	----	----	0. 6998/0. 477A	0. 6998/0. 477A	----	0. 543 -	0. 138	.3089	----	----	----	1	UNCH	
2550	----	----	0. 6858/0. 466A	0. 6858/0. 466A	----	0. 531 -	0. 135	.3034	----	----	----	154	UNCH	
2575	----	----	0. 6158/0. 416A	0. 6158/0. 416A	----	0. 476 -	0. 123	.2774	----	5	----	22 +	5	
2580	----	----	0. 6028/0. 408A	0. 6028/0. 408A	----	0. 465 -	0. 121	.2722	----	----	----	1	UNCH	
2585	----	----	0. 5898/0. 398A	0. 5898/0. 398A	----	0. 455 -	0. 119	.2673	----	----	----	5	UNCH	
2590	----	----	0. 5768/0. 390A	0. 5768/0. 390A	----	0. 445 -	0. 116	.2624	----	----	----	2	UNCH	
2595	----	----	0. 5648/0. 382A	0. 5648/0. 382A	----	0. 435 -	0. 114	.2576	----	----	----	3	UNCH	
2600	0. 400	0. 400	0. 5528/0. 373A	0. 5528/0. 373A	----	0. 426 -	0. 112	.2530	----	912	50	972 -	577	
2605	----	----	0. 5398/0. 365A	0. 5398/0. 365A	----	0. 416 -	0. 110	.2481	----	----	----	1	UNCH	
2620	----	----	0. 5058/0. 342A	0. 5058/0. 342A	----	0. 390 -	0. 104	.2348	----	1	----	34	UNCH	
2625	----	----	0. 4948/0. 334A	0. 4948/0. 334A	----	0. 381 -	0. 102	.2303	----	----	----	152	UNCH	
2630	----	----	0. 4838/0. 327A	0. 4838/0. 327A	----	0. 373 -	0. 100	.2261	----	----	----	8	UNCH	
2635	----	----	0. 4728/0. 320A	0. 4728/0. 320A	----	0. 365 -	0. 098	.2219	----	----	----	7	UNCH	
2640	0. 336	0. 336	0. 4618/0. 314A	0. 4618/0. 314A	----	0. 357 -	0. 096	.2178	----	8	----	47 +	6	
2645	----	----	0. 4518/0. 307A	0. 4518/0. 307A	----	0. 349 -	0. 094	.2136	----	----	----	1	UNCH	
2650	----	----	0. 4428/0. 300A	0. 4428/0. 300A	----	0. 342 -	0. 092	.2098	----	----	----	60	UNCH	
2655	0. 319	0. 319	0. 4328/0. 294A	0. 4328/0. 294A	----	0. 334 -	0. 091	.2057	----	1	----	3 +	1	
2675	----	----	0. 3968/0. 270A	0. 3968/0. 270A	----	0. 307 -	0. 083	.1909	----	----	----	71	UNCH	
2700	0. 290	0. 290	0. 3538/0. 243A	0. 3538/0. 243A	----	0. 275 -	0. 075	.1734	----	54	----	636 +	9	
2725	0. 253	0. 253	0. 3178/0. 218A	0. 3178/0. 218A	----	0. 248 -	0. 067	.1580	----	9	----	17 -	9	
2750	0. 206	0. 206	0. 215/0. 198A	0. 215/0. 198A	----	0. 223 -	0. 061	.1436	----	2	----	205	UNCH	
2775	0. 212	0. 212	0. 212/*0. 179A	0. 212/*0. 179A	----	0. 201 -	0. 055	.1306	----	1	----	46	UNCH	
2800	0. 195	0. 195	0. 195/*0. 162A	0. 195/*0. 162A	----	0. 182 -	0. 049	.1191	----	825	----	543 -	661	
2825	0. 171	0. 171	0. 171/*0. 147A	0. 171/*0. 147A	----	0. 164 -	0. 045	.1082	----	5	----	26 +	4	
2850	0. 170	0. 170	0. 170/*0. 134A	0. 170/*0. 134A	----	0. 149 -	0. 040	.0988	----	19	----	48 +	12	
2875	----	----	----/*0. 123A	----/*0. 123A	----	0. 135 -	0. 036	.0901	----	1	----	42	UNCH	
2900	0. 120	0. 12												

PG64	BULLETIN # 18@										METALS OPTION PRODUCTS										Fri, Jan 27, 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																								
MAY23																									
2450	1.150	1.150		1.2478/0.960A	1.2478/0.960A	----	1.062	- 0.184	.4488	----	----	----	49	----	245	+	18								
2475	----	----	----	----/0.877A	----/0.877A	----	0.974	- 0.172	.4212	----	----	----	20	----	198		UNCH								
2500	0.915	0.915		1.0768/0.803A	1.0768/0.803A	----	0.893	- 0.161	.3946	----	----	----	105	----	1568	+	30								
2525	0.895	0.895		0.9898/0.735A	0.9898/0.735A	----	0.819	- 0.150	.3692	----	----	----	14	----	17	+	13								
2540	0.787	0.787		#0.787/*0.787	#0.787/*0.787	----	0.777	- NEW	.3545	----	----	----	7	----	7	+	7								
2550	----	----	----	0.9088/0.673A	0.9088/0.673A	----	0.750	- 0.140	.3448	----	----	----	45	----	38	+	19								
2575	----	----	----	0.8338/0.616A	0.8338/0.616A	----	0.688	- 0.130	.3219	----	----	----	----	----	9		UNCH								
2600	----	----	----	0.7658/0.564A	0.7658/0.564A	----	0.631	- 0.121	.3001	----	----	----	1	----	208	-	1								
2625	----	----	----	0.7028/0.518A	0.7028/0.518A	----	0.578	- 0.113	.2794	----	----	----	----	----	8		UNCH								
2650	----	----	----	0.6448/0.476A	0.6448/0.476A	----	0.531	- 0.105	.2602	----	----	----	----	----	322		UNCH								
2675	----	----	----	0.5918/0.437A	0.5918/0.437A	----	0.488	- 0.097	.2422	----	----	----	----	100	105	+	100								
2700	0.454	0.454		0.5438/0.402A	0.5438/0.402A	----	0.448	- 0.091	.2252	----	----	----	2	----	724	-	1								
2725	0.426	0.426		0.4978/0.370A	0.4978/0.370A	----	0.413	- 0.083	.2097	----	----	----	18	----	17	+	9								
2750	----	----	----	----/0.341A	----/0.341A	----	0.380	- 0.078	.1950	----	----	----	1	----	254		UNCH								
2775	0.358	0.358		0.358/0.315A	0.358/0.315A	----	0.351	- 0.072	.1817	----	----	----	12	----	13	+	12								
2800	----	----	----	----/0.291A	----/0.291A	----	0.324	- 0.066	.1691	----	----	----	----	----	433		UNCH								
2825	0.306	0.306		0.306/*0.270A	0.306/*0.270A	----	0.299	- 0.062	.1574	----	----	----	1	----	44		UNCH								
2850	0.283	0.283		0.283/*0.250A	0.283/*0.250A	----	0.277	- 0.056	.1467	----	----	----	1	----	18	+	1								
2875	----	----	----	----/*0.232A	----/*0.232A	----	0.257	- 0.051	.1369	----	----	----	----	----	2		UNCH								
2900	----	----	----	----/*0.216A	----/*0.216A	----	0.238	- 0.048	.1276	----	----	----	----	----	18		UNCH								
2925	----	----	----	----/*0.201A	----/*0.201A	----	0.221	- 0.044	.1191	----	----	----	----	----	20		UNCH								
2950	----	----	----	----/*0.188A	----/*0.188A	----	0.205	- 0.041	.1110	----	----	----	----	----	22		UNCH								
2975	----	----	----	----/*0.175A	----/*0.175A	----	0.191	- 0.037	.1038	----	----	----	----	----	6		UNCH								
3000	0.196	0.196		0.196/*0.164A	0.196/*0.164A	----	0.178	- 0.034	.0971	----	----	----	30	----	718	+	14								
3025	----	----	----	----/*0.153A	----/*0.153A	----	0.165	- 0.033	.0905	----	----	----	----	----	31		UNCH								
3050	----	----	----	----/*0.143A	----/*0.143A	----	0.154	- 0.030	.0847	----	----	----	----	----	5		UNCH								
3075	----	----	----	----/*0.134A	----/*0.134A	----	0.144	- 0.028	.0794	----	----	----	----	----	101		UNCH								
3100	----	----	----	----/*0.125A	----/*0.125A	----	0.134	- 0.026	.0742	----	----	----	1	----	20	+	1								
3125	----	----	----	----/*0.118A	----/*0.118A	----	0.125	- 0.025	.0694	----	----	----	----	----	2		UNCH								
3150	----	----	----	----/*0.111A	----/*0.111A	----	0.117	- 0.023	.0651	----	----	----	----	----	14		UNCH								
3200	----	----	----	----/*0.098A	----/*0.098A	----	0.103	- 0.020	.0575	----	----	----	4	----	5	+	1								
3225	----	----	----	----/*0.092A	----/*0.092A	----	0.096	- 0.020	.0538	----	----	----	----	----	3		UNCH								
3250	----	----	----	----/*0.087A	----/*0.087A	----	0.090	- 0.019	.0505	----	----	----	----	----	6		UNCH								
3275	----	----	----	----/*0.082A	----/*0.082A	----	0.085	- 0.017	.0477	----	----	----	----	----	3		UNCH								
3300	0.093	0.093		0.093/*0.077A	0.093/*0.077A	----	0.079	- 0.017	.0445	----	----	----	6	----	520	+	5								
3325	----	----	----	----/*0.073A	----/*0.073A	----	0.075	- 0.016	.0422	----	----	----	----	----	19		UNCH								
3350	0.068	0.068		0.068/*0.068	0.068/*0.068	----	0.070	- 0.015	.0395	----	----	----	3	----	5	-	1								
3375	----	----	----	----/*0.065A	----/*0.065A	----	0.066	- 0.015	.0373	----	----	----	----	----	3		UNCH								
3400	----	----	----	----/*0.062A	----/*0.062A	----	0.062	- 0.014	.0351	----	----	----	3	----	102	-	1								
3425	----	----	----	----/*0.059A	----/*0.059A	----	0.059	- 0.013	.0333	----	----	----	----	----	3		UNCH								
3450	0.052	0.052		0.052/*0.052	0.052/*0.052	----	0.055	- 0.013	.0311	----	----	----	1	----	4	+	1								
3500	0.047	0.047		0.047/*0.045	0.047/*0.045	----	0.048	- 0.013	.0273	----	----	----	7	----	499	+	5								
4000	----	----	----	----	----	----	0.021	- 0.003	.0114	----	----	----	1	----	257	+	1								
5000	0.008	0.008		0.008/*0.008	0.008/*0.008	----	0.007	- UNCH	.0035	----	----	----	2	----	60		UNCH								
6000	----	----	----	----	----	----	0.003	- 0.001	.0014	----	----	----	----	----	21		UNCH								
9000	----	----	----	----	----	----	0.001	- 0.001	.0000	----	----	----	----	----	2		UNCH								
10000	----	----	----	----	----	----	0.001	- 0.001	----	----	----	----	----	----	170		UNCH								
TOTAL													454	100	8267	+	335								
JUN23																									
1775	----	----	----	----	----	----	6.314	- 0.391	.9567	----	----	----	----	----	2		UNCH								
1825	6.059	6.059		6.0708/5.625A	6.0708/5.625A	----	5.839	- NEW	.9454	----	----	----	4	----	4	+	4								
1850	5.802	5.802		5.8358/5.393A	5.8358/5.393A	----	5.604	- NEW	.9385	----	----	----	3	----	3	+	3								
1875	5.526	5.526		5.6008/5.160A	5.6008/5.160A	----	5.371	- NEW	.9309	----	----	----	3	----	3	+	3								
1925	5.069	5.069		5.1378/4.707A	5.1378/4.707A	----	4.914	- NEW	.9130	----	----	----	2	----	2	+	2								
1950	4.872	4.872		4.9118/4.484A	4.9118/4.484A	----	4.690	- NEW	.9024	----	----	----	2	----	2	+	2								
2050	3.796	3.796		3.796/3.639A	3.796/3.639A	----	3.834	- 0.354	.8487	----	----	----	1	----	5	+	1								
2075	3.619	3.619		3.619/3.439A	3.619/3.439A	----	3.632	- 0.348	.8321	----	----	----	1	----	3	+	1								
2100	3.428	3.428		3.428/3.248A	3.428/3.248A	----	3.435	- 0.341	.8144	----	----	----	1	----	8	+	1								
2150	----	----	----	----/2.880A	----/2.880A	----	3.059	- 0.326	.7755	----	----	----	----	----	1		UNCH								
2175	3.042	3.042		3.042/2.706A	3.042/2.706A	----	2.881	- NEW	.7542	----	----	----	2	----	1	+	1								
2200	----	----	----	----/2.539A	----/2.539A	----	2.709	- 0.309	.7320	----	----	----	----	----	1		UNCH								
2275	----	----	----	----/2.084A	----/2.084A	----	2.238	- 0.277	.6607	----	----	----	----	----	16		UNCH								
2300	2.198	2.198		2.3698/1.947A	2.3698/1.947A	----	2.095	- 0.267	.6358	----	----	----	3	----	4	-	1								
2325	----	----	----	2.2198/1.818A	2.2198/1.818A	----	1.960	- 0.255	.6106	----	----	----	----	----	2		UNCH								
2400	1.600	1.600		1.600/1.474A	1.600/1.474A	----	1.598	- 0.221	.5348	----	----	----	1	----	6	+	1								
2450	----	----	----	----/1.278A	----/1.278A	----	1.391	- 0.199	.4856	----	----	----	----	----	221		UNCH								
2475	----	----	----	----/1.190A	----/1.190A	----	1.298	- 0.188	.4619	----	----	----	----	----	44		UNCH								
2500	----	----	----	----/1.105A	----/1.105A	----	1.210	- 0.178	.4387	----	----	----	----	----	615		UNCH								
2550	----	----	----	1.2288/0.958A	1.2288/0.958A	----	1.052	- 0.159	.3947	----	----	----	----	----	31		UNCH								
2575	----	----	----	1.1458/0.892A	1.1458/0.892A	----	0.981	- 0.150	.3739	----	----	----	----	----	7		UNCH								
2600	----	----	----	1.0698/0.831A	1.0698/0.831A	----	0.915	- 0.142	.3539	----	----	----	----	----	412		UNCH								
2625	----	----	----	0.9988/0.775A	0.9988/0.775A	----	0.854	- 0.134	.3349	----	----	----	----	----	1		UNCH								
2650	----	----	----	0.9328/0.723A	0.9328/0.723A	----	0.798	- 0.125	.3168	----	----	----	----	----	191		UNCH								
2700	----	----	----	0.8128/0.630A	0.8128/0.630A	----	0.696	- 0.111	.2830	----	----	----	125	----	115	-	1								
2750	----	----	----	0.7088/0.552A	0.7088/0.552A	----	0.609	- 0.098	.2528	----	----	----	----	----	181		UNCH								
2775	----	----	----	----/0.517A	----/0.517A	----	0.570	- 0.092	.2388	----	----	----	----	----	22		UNCH								
2800	----	----	----	----/0.484A	----/0.484A	----	0.534	- 0.087	.2257	----	----	----	1	----	112	-	1								
2825	----	----	----	----/0.454A	----/0.454A	----	0.501	- 0.081	.2134	----	----	----	----	----	3		UNCH								
2850	0.479	0.479		0.479/0.427A	0.479/0.427A	----	0.470	- NEW	.2017	----	----	----	22	----	22	+	22								
2875	----	----	----	----/0.401A	----/0.401A	----	0.442	- 0.070	.1909	----	----	----	----	----	5		UNCH								
2900	----	----	----	----/0.377A	----/0.377A	----	0.415	- 0.066	.1804	----	----	----	125	----	586	-	70								
2925	----	----	----	----/*0.355A	----/*0.355A	----	0.391	- 0.061	.1709	----	----	----	----	----	10		UNCH								
2950	----	----	----	----/*0.334A	----/*0.334A	----	0.368	- 0.058	.1618	----	----	----	----	----	3		UNCH								
2975	----	----	----	----/*0.315A	----/*0.315A	----	0.347	- 0.054	.1532	----	----	----	----	----	2		UNCH								
3000	----	----	----	----/*0.298A	----/*0.298A	----	0.327	- 0.050	.1451	----	----	----	2												

BULLETIN # 18@				METALS OPTION PRODUCTS							Fri, Jan 27, 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														
JUL23															
2825	----	----	----/0.624A	----/0.624A	----	0.681 - 0.095	.2491	----	----	----	----	2	UNCH		
2850	----	----	----/0.591A	----/0.591A	----	0.645 - 0.090	.2376	----	----	----	----	9	UNCH		
2900	----	----	----/0.532A	----/0.532A	----	0.580 - 0.081	.2165	----	----	4	----	148 +	4		
2925	----	----	----/0.506A	----/0.506A	----	0.550 - 0.078	.2066	----	----	----	----	1	UNCH		
2950	----	----	----/0.481A	----/0.481A	----	0.523 - 0.073	.1974	----	----	----	----	36	UNCH		
2975	----	----	----/0.457A	----/0.457A	----	0.497 - 0.070	.1886	----	----	----	----	1	UNCH		
3000	----	----	----/0.435A	----/0.435A	----	0.472 - 0.067	.1801	----	----	4	----	2304 +	4		
3050	----	----	----/0.395A	----/0.395A	----	0.428 - 0.060	.1647	----	----	----	----	18	UNCH		
3075	----	----	----/0.376A	----/0.376A	----	0.408 - 0.056	.1576	----	----	----	----	2	UNCH		
3100	----	----	----/*0.359A	----/*0.359A	----	0.389 - 0.053	.1508	----	----	----	----	16	UNCH		
3125	----	----	----/*0.342A	----/*0.342A	----	0.371 - 0.051	.1443	----	----	----	----	460	UNCH		
3150	----	----	----/*0.327A	----/*0.327A	----	0.354 - 0.048	.1382	----	----	----	----	110	UNCH		
3200	----	----	----/*0.299A	----/*0.299A	----	0.323 - 0.044	.1268	----	----	7	----	151	UNCH		
3250	----	----	----/*0.274A	----/*0.274A	----	0.295 - 0.040	.1165	----	----	----	----	1	UNCH		
3300	----	----	----/*0.251A	----/*0.251A	----	0.271 - 0.036	.1074	----	----	----	----	133	UNCH		
3350	----	----	----/*0.231A	----/*0.231A	----	0.249 - 0.032	.0990	----	----	----	----	2	UNCH		
3400	----	----	----/*0.213A	----/*0.213A	----	0.229 - 0.030	.0914	----	----	----	----	3	UNCH		
3500	0.190	0.190	0.192/*0.182A	0.192/*0.182A	----	0.195 - 0.025	.0783	----	----	3	----	1028 +	2		
3575	----	----	----/*0.163A	----/*0.163A	----	0.173 - 0.023	.0697	----	----	----	----	4	UNCH		
3600	----	----	----/*0.157A	----/*0.157A	----	0.167 - 0.022	.0673	----	----	----	----	1	UNCH		
3650	----	----	----/*0.146A	----/*0.146A	----	0.155 - 0.020	.0626	----	----	----	----	3	UNCH		
3775	----	----	----/*0.123A	----/*0.123A	----	0.129 - 0.017	.0523	----	----	----	----	5	UNCH		
3800	----	----	----/*0.119A	----/*0.119A	----	0.125 - 0.016	.0507	----	----	----	----	1	UNCH		
3900	----	----	----/*0.105A	----/*0.105A	----	0.109 - 0.015	.0443	----	----	----	----	191	UNCH		
3950	----	----	----/*0.098A	----/*0.098A	----	0.102 - 0.014	.0414	----	----	----	----	7	UNCH		
4000	----	----	----/*0.093A	----/*0.093A	----	0.096 - 0.013	.0390	----	----	----	----	1109	UNCH		
4025	----	----	----/*0.090A	----/*0.090A	----	0.093 - 0.012	.0378	----	----	----	----	10	UNCH		
4075	----	----	----/*0.085A	----/*0.085A	----	0.087 - 0.012	.0354	----	----	----	----	1	UNCH		
4500	0.050	0.050	0.050/*0.050	0.050/*0.050	----	0.054 - 0.008	.0218	----	----	14	----	19 -	14		
5000	----	----	----/*0.039A	----/*0.039A	----	0.034 - 0.006	.0135	----	----	----	----	228	UNCH		
6000	----	----	----	----	----	0.018 - 0.003	.0068	----	----	----	----	71	UNCH		
7000	----	----	----	----	----	0.012 - 0.001	.0043	----	----	----	----	19	UNCH		
9000	----	----	----	----	----	0.006 - 0.002	.0020	----	----	----	----	10	UNCH		
10000	0.006	0.006	0.006/*0.005A	0.006/*0.005A	----	0.005 - 0.002	.0016	----	----	10	----	51 +	10		
TOTAL										83	0	9290 +	23		
SEP23															
1650	----	----	----	----	----	7.764 - 0.404	.9496	----	----	----	----	1	UNCH		
1700	----	----	----/7.101A	----/7.101A	----	7.294 - 0.400	.9394	----	----	----	----	1	UNCH		
1725	----	----	----/6.871A	----/6.871A	----	7.062 - 0.398	.9334	----	----	----	----	2	UNCH		
1750	----	----	----/6.642A	----/6.642A	----	6.833 - 0.396	.9270	----	----	----	----	1	UNCH		
1975	----	----	----/4.725A	----/4.725A	----	4.901 - 0.368	.8420	----	----	----	----	1	UNCH		
2000	----	----	----/4.532A	----/4.532A	----	4.705 - 0.363	.8293	----	----	----	----	1	UNCH		
2200	3.455	3.455	3.455/3.170A	3.455/3.170A	----	3.313 - NEW	.7052	----	----	1	----	1 +	1		
2300	----	----	----/2.622A	----/2.622A	----	2.749 - 0.280	.6333	----	----	----	----	9	UNCH		
2400	----	----	----/2.162A	----/2.162A	----	2.274 - 0.244	.5599	----	----	----	----	125	UNCH		
2425	----	----	----/2.061A	----/2.061A	----	2.168 - 0.235	.5418	----	----	----	----	4	UNCH		
2450	----	----	----/1.964A	----/1.964A	----	2.068 - 0.226	.5241	----	----	----	----	60	UNCH		
2475	----	----	----/1.872A	----/1.872A	----	1.972 - 0.218	.5067	----	----	----	----	62	UNCH		
2500	----	----	----/1.785A	----/1.785A	----	1.881 - 0.209	.4896	----	----	----	----	21	UNCH		
2525	----	----	----/1.702A	----/1.702A	----	1.794 - 0.201	.4728	----	----	----	----	6	UNCH		
2700	----	----	----/1.232A	----/1.232A	----	1.299 - 0.153	.3680	----	----	----	----	325	UNCH		
2800	----	----	----/1.033A	----/1.033A	----	1.088 - 0.133	.3180	----	----	----	----	60	UNCH		
2850	----	----	----/0.945A	----/0.945A	----	0.999 - 0.124	.2958	----	----	----	----	16	UNCH		
2900	----	----	----/0.870A	----/0.870A	----	0.919 - 0.115	.2753	----	----	1	----	3 +	1		
2925	----	----	----/0.835A	----/0.835A	----	0.881 - 0.112	.2655	----	----	----	----	1	UNCH		
2975	----	----	----/0.771A	----/0.771A	----	0.813 - 0.103	.2474	----	----	----	----	12	UNCH		
3000	----	----	----/0.741A	----/0.741A	----	0.781 - 0.100	.2388	----	----	1	----	142 +	1		
3050	----	----	----/0.686A	----/0.686A	----	0.723 - 0.091	.2229	----	----	----	----	1	UNCH		
3100	----	----	----/0.636A	----/0.636A	----	0.670 - 0.084	.2081	----	----	----	----	1	UNCH		
3150	----	----	----/0.591A	----/0.591A	----	0.622 - 0.077	.1945	----	----	----	----	8	UNCH		
3200	----	----	----/0.551A	----/0.551A	----	0.579 - 0.071	.1820	----	----	----	----	50	UNCH		
3250	----	----	----/0.514A	----/0.514A	----	0.539 - 0.066	.1704	----	----	----	----	12	UNCH		
3450	----	----	----/*0.396A	----/*0.396A	----	0.413 - 0.048	.1327	----	----	----	----	9	UNCH		
3475	----	----	----/*0.384A	----/*0.384A	----	0.400 - 0.047	.1287	----	----	----	----	1	UNCH		
3500	----	----	----/*0.372A	----/*0.372A	----	0.388 - 0.045	.1250	----	----	----	----	127	UNCH		
4000	----	----	----/*0.217A	----/*0.217A	----	0.222 - 0.025	.0726	----	----	----	----	116	UNCH		
5000	----	----	----/*0.098A	----/*0.098A	----	0.094 - 0.013	.0307	----	----	----	----	26	UNCH		
6000	----	----	----	----	----	0.049 - 0.008	.0158	----	----	----	----	1	UNCH		
7000	----	----	----	----	----	0.031 - 0.005	.0098	----	----	----	----	50	UNCH		
10000	0.021	0.021	#0.021/*0.021	#0.021/*0.021	----	0.016 - UNCH	.0046	----	----	1	----	1 +	1		
TOTAL										4	0	1257 +	4		
DEC23															
1875	----	----	----/5.986A	----/5.986A	----	6.159 - 0.369	.8632	----	----	----	----	2	UNCH		
1900	----	----	----/5.789A	----/5.789A	----	5.960 - 0.365	.8532	----	----	----	----	1	UNCH		
1925	----	----	----/5.595A	----/5.595A	----	5.764 - 0.362	.8427	----	----	----	----	2	UNCH		
1950	----	----	----/5.406A	----/5.406A	----	5.573 - 0.358	.8319	----	----	----	----	4	UNCH		
2200	----	----	----/3.760A	----/3.760A	----	3.898 - 0.305	.7018	----	----	----	----	1	UNCH		
2275	----	----	----/3.359A	----/3.359A	----	3.485 - 0.287	.6578	----	----	----	----	1	UNCH		
2400	----	----	----/2.782A	----/2.782A	----	2.888 - 0.255	.5834	----	----	----	----	1	UNCH		
2425	----	----	----/2.680A	----/2.680A	----	2.782 - 0.249	.5687	----	----	----	----	7	UNCH		
2475	----	----													

BULLETIN # 18@				METALS OPTION PRODUCTS							Fri, Jan 27, 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 PUT	COMEX SILVER OPTIONS															
FEB23																
2460	----	----	----	----	----	----	----	----	0.580	UNCH	----	----	----	----	0	UNCH
2465	----	----	----	----	----	----	----	----	0.630	UNCH	----	----	----	----	0	UNCH
2470	----	----	----	----	----	----	----	----	0.680	UNCH	----	----	----	----	0	UNCH
2475	----	----	----	----	----	----	----	----	0.730	UNCH	----	----	----	----	0	UNCH
2480	----	----	----	----	----	----	----	----	0.780	UNCH	----	----	----	----	0	UNCH
2485	----	----	----	----	----	----	----	----	0.830	UNCH	----	----	----	----	0	UNCH
2490	----	----	----	----	----	----	----	----	0.880	UNCH	----	----	----	----	0	UNCH
2495	----	----	----	----	----	----	----	----	0.930	UNCH	----	----	----	----	0	UNCH
2500	----	----	----	----	----	----	----	----	0.980	UNCH	----	----	----	----	0	UNCH
2505	----	----	----	----	----	----	----	----	1.030	UNCH	----	----	----	----	0	UNCH
2510	----	----	----	----	----	----	----	----	1.080	UNCH	----	----	----	----	0	UNCH
2515	----	----	----	----	----	----	----	----	1.130	UNCH	----	----	----	----	0	UNCH
2520	----	----	----	----	----	----	----	----	1.180	UNCH	----	----	----	----	0	UNCH
2525	----	----	----	----	----	----	----	----	1.230	UNCH	----	----	----	----	0	UNCH
2530	----	----	----	----	----	----	----	----	1.280	UNCH	----	----	----	----	0	UNCH
2535	----	----	----	----	----	----	----	----	1.330	UNCH	----	----	----	----	0	UNCH
2540	----	----	----	----	----	----	----	----	1.380	UNCH	----	----	----	----	0	UNCH
2545	----	----	----	----	----	----	----	----	1.430	UNCH	----	----	----	----	0	UNCH
2550	----	----	----	----	----	----	----	----	1.480	UNCH	----	----	----	----	0	UNCH
2560	----	----	----	----	----	----	----	----	1.580	UNCH	----	----	----	----	0	UNCH
2565	----	----	----	----	----	----	----	----	1.630	UNCH	----	----	----	----	0	UNCH
2570	----	----	----	----	----	----	----	----	1.680	UNCH	----	----	----	----	0	UNCH
2575	----	----	----	----	----	----	----	----	1.730	UNCH	----	----	----	----	0	UNCH
2595	----	----	----	----	----	----	----	----	1.930	UNCH	----	----	----	----	0	UNCH
2600	----	----	----	----	----	----	----	----	1.980	UNCH	----	----	----	----	0	UNCH
2625	----	----	----	----	----	----	----	----	2.230	UNCH	----	----	----	----	0	UNCH
2650	----	----	----	----	----	----	----	----	2.480	UNCH	----	----	----	----	0	UNCH
2675	----	----	----	----	----	----	----	----	2.730	UNCH	----	----	----	----	0	UNCH
2700	----	----	----	----	----	----	----	----	2.980	UNCH	----	----	----	----	0	UNCH
2750	----	----	----	----	----	----	----	----	3.480	UNCH	----	----	----	----	0	UNCH
2800	----	----	----	----	----	----	----	----	3.980	UNCH	----	----	----	----	0	UNCH
2850	----	----	----	----	----	----	----	----	4.480	UNCH	----	----	----	----	0	UNCH
2925	----	----	----	----	----	----	----	----	5.230	UNCH	----	----	----	----	0	UNCH
3125	----	----	----	----	----	----	----	----	7.230	UNCH	----	----	----	----	0	UNCH
3200	----	----	----	----	----	----	----	----	7.980	UNCH	----	----	----	----	0	UNCH
TOTAL														0	0	0
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	----	----	----	----	22	UNCH
1150	----	----	----	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH
1175	----	----	----	----	----	----	----	----	0.001	UNCH	----	----	----	----	5	UNCH
1200	----	----	----	----	----	----	----	----	0.001	UNCH	----	----	----	----	19	UNCH
1225	----	----	----	----	----	----	----	----	0.001	UNCH	----	----	----	----	230	UNCH
1250	----	----	----	----	----	----	----	----	0.001	UNCH	----	----	----	----	11	UNCH
1300	----	----	----	----	----	----	----	----	0.001	UNCH.0000	----	----	----	----	245	UNCH
1325	----	----	----	----	----	----	----	----	0.001	UNCH.0000	----	----	----	----	2	UNCH
1350	----	----	----	----	----	----	----	----	0.001	UNCH.0000	----	----	----	----	9	UNCH
1375	----	----	----	----	----	----	----	----	0.001	UNCH.0000	----	----	----	----	5	UNCH
1400	----	----	----	----	----	----	----	----	0.001	UNCH.0000	----	----	----	----	217	UNCH
1425	----	----	----	----	----	----	----	----	0.001	UNCH.0000	----	----	----	----	6	UNCH
1450	----	----	----	----	----	----	----	----	0.001	UNCH.0001	----	----	----	----	92	UNCH
1475	----	----	----	----	----	----	----	----	0.001	UNCH.0002	----	----	----	----	5	UNCH
1500	----	----	----	----	----	----	----	----	0.001	UNCH.0003	----	----	----	----	434	UNCH
1525	----	----	----	----	----	----	----	----	0.001	UNCH.0005	----	----	----	----	12	UNCH
1550	----	----	----	----	----	----	----	----	0.001	UNCH.0008	----	----	----	----	259	UNCH
1575	----	----	0.002B/----	0.002B/----	----	----	----	----	0.002 + 0.001	UNCH.0016	----	----	----	----	14	UNCH
1600	----	----	----	----	----	----	----	----	0.002	UNCH.0017	----	----	----	----	34	UNCH
1625	----	----	----	----	----	----	----	----	0.002	UNCH.0017	----	----	----	----	168	UNCH
1650	----	----	----	----	----	----	----	----	0.002	UNCH.0018	----	----	----	----	60	UNCH
1675	0.004	0.004	0.004/*0.004	0.004/*0.004	----	----	----	----	0.003	UNCH.0027	----	----	3	----	14 -	1
1700	----	----	----	----	----	----	----	----	0.003	UNCH.0028	----	----	2	----	391 -	2
1725	----	----	----	----	----	----	----	----	0.004 + 0.001	UNCH.0037	----	----	----	----	37	UNCH
1750	----	----	----	----	----	----	----	----	0.004	UNCH.0038	----	----	----	----	138	UNCH
1775	----	----	----	----	----	----	----	----	0.005 + 0.001	UNCH.0048	----	----	----	----	5	UNCH
1800	----	----	----	----	----	----	----	----	0.005	UNCH.0051	----	----	----	----	770	UNCH
1825	----	----	----	----	----	----	----	----	0.006	UNCH.0062	----	----	----	----	56	UNCH
1850	0.005	0.005	0.006B/*0.005	0.006B/*0.005	----	----	----	----	0.007	UNCH.0073	----	----	1	----	59 -	1
1875	0.009	0.009	0.009/0.008A	0.009/0.008A	----	----	----	----	0.008	UNCH.0086	----	----	1	----	286	UNCH
1900	0.008	0.008	0.009B/0.008	0.009B/0.008	----	----	----	----	0.010 + 0.001	UNCH.0108	----	----	1	----	197 +	1
1910	----	----	----	----	----	----	----	----	0.011 + 0.002	UNCH.0119	----	----	----	----	1	UNCH
1915	----	----	----	----	----	----	----	----	0.011 + 0.001	UNCH.0120	----	----	----	----	6	UNCH
1920	----	----	----	----	----	----	----	----	0.011 + 0.001	UNCH.0121	----	----	----	----	2	UNCH
1925	----	----	----	----	----	----	----	----	0.012 + 0.002	UNCH.0131	----	----	----	----	54	UNCH
1930	----	----	----	----	----	----	----	----	0.012 + 0.001	UNCH.0133	----	----	----	----	2	UNCH
1935	----	----	----	----	----	----	----	----	0.013 + 0.002	UNCH.0143	----	----	----	----	4	UNCH
1940	----	----	----	----	----	----	----	----	0.013 + 0.001	UNCH.0144	----	----	----	----	13	UNCH
1945	----	----	----	----	----	----	----	----	0.014 + 0.002	UNCH.0155	----	----	----	----	2	UNCH
1950	0.016	0.016	0.016/0.016	0.016/0.016	----	----	----	----	0.014 + 0.002	UNCH.0156	----	----	9	----	465 +	4
1955	----	----	----	----	----	----	----	----	0.015 + 0.002	UNCH.0167	----	----	----	----	18	UNCH
1960	----	----	0.014B/----	0.014B/----	----	----	----	----	0.015 + 0.002	UNCH.0169	----	----	----	----	19	UNCH
1965	----	----														



BULLETIN # 18@				METALS OPTION PRODUCTS						Fri, Jan 27, 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 APR23	COMEX SILVER OPTIONS													
1850	----	----	0.0338/----	0.0338/----	----	0.036 + 0.004	.0256	----	----	----	----	24	UNCH	
1875	----	----	0.0398/----	0.0398/----	----	0.042 + 0.005	.0300	----	----	----	----	13	UNCH	
1900	----	----	0.0478/----	0.0478/----	----	0.049 + 0.006	.0350	----	----	1	----	614 +	1	
1925	----	----	0.0578/----	0.0578/----	----	0.057 + 0.007	.0408	----	----	----	----	11	UNCH	
1950	0.063	0.063	0.0688/0.063	0.0688/0.063	----	0.068 + 0.010	.0483	----	----	5	----	24	UNCH	
1975	0.073	0.073	0.0838/0.073	0.0838/0.073	----	0.081 + 0.013	.0570	----	----	1	----	16	UNCH	
2000	----	----	0.1008/----	0.1008/----	----	0.097 + 0.017	.0675	----	----	1	----	697 +	1	
2025	----	----	0.1218/----	0.1218/----	----	0.115 + 0.020	.0791	----	----	----	----	15	UNCH	
2050	0.128	0.128	0.1468/0.128	0.1468/0.128	----	0.138 + 0.024	.0933	----	----	3	----	22 +	3	
2075	----	----	0.1768/----	0.1768/----	----	0.164 + 0.028	.1090	----	----	1	----	27 +	1	
2100	0.173	0.173	0.2118/0.160A	0.2118/0.160A	----	0.196 + 0.034	.1274	----	----	10	----	607 +	1	
2125	----	----	0.2548/0.190A	0.2548/0.190A	----	0.233 + 0.040	.1480	----	----	----	----	66	UNCH	
2150	0.270	0.270	0.3028/0.222A	0.3028/0.222A	----	0.277 + 0.047	.1712	----	----	6	----	128 +	6	
2165	----	----	0.3358/0.246A	0.3358/0.246A	----	0.307 + 0.053	.1864	----	----	----	----	1	UNCH	
2175	----	----	0.3598/0.263A	0.3598/0.263A	----	0.328 + 0.056	.1969	----	----	6	----	11 +	4	
2180	----	----	0.3718/0.272A	0.3718/0.272A	----	0.340 + 0.059	.2025	----	----	----	----	2	UNCH	
2190	----	----	0.3978/0.290A	0.3978/0.290A	----	0.363 + 0.063	.2136	----	----	----	----	2	UNCH	
2195	----	----	0.4118/0.300A	0.4118/0.300A	----	0.375 + 0.065	.2192	----	----	----	----	1	UNCH	
2200	0.350	0.350	0.4248/0.310A	0.4248/0.310A	----	0.387 + 0.066	.2249	----	----	13	----	667 +	2	
2205	----	----	0.4398/0.320A	0.4398/0.320A	----	0.400 + 0.069	.2309	----	----	----	----	43	UNCH	
2210	----	----	0.4538/0.330A	0.4538/0.330A	----	0.413 + 0.071	.2368	----	----	----	----	5	UNCH	
2215	----	----	0.4688/0.341A	0.4688/0.341A	----	0.427 + 0.074	.2430	----	----	----	----	13	UNCH	
2220	----	----	0.4838/0.352A	0.4838/0.352A	----	0.441 + 0.076	.2491	----	----	----	----	103	UNCH	
2225	----	----	0.4998/0.362A	0.4998/0.362A	----	0.455 + 0.078	.2553	----	----	----	----	34	UNCH	
2230	----	----	0.5158/0.374A	0.5158/0.374A	----	0.469 + 0.080	.2615	----	----	----	----	1	UNCH	
2245	----	----	0.5638/0.410A	0.5638/0.410A	----	0.515 + 0.088	.2809	----	----	----	----	7	UNCH	
2250	0.519	0.519	0.5818/0.423A	0.5818/0.423A	----	0.531 + 0.090	.2875	----	----	3	----	139	UNCH	
2255	----	----	0.5998/0.437A	0.5998/0.437A	----	0.547 + 0.092	.2941	----	----	----	----	1	UNCH	
2260	----	----	0.6178/0.451A	0.6178/0.451A	----	0.564 + 0.095	.3009	----	----	3	----	4 +	3	
2265	----	----	0.6368/0.464A	0.6368/0.464A	----	0.581 + 0.098	.3076	----	----	----	----	1	UNCH	
2270	----	----	0.6558/0.479A	0.6558/0.479A	----	0.599 + 0.101	.3146	----	----	----	----	1	UNCH	
2275	----	----	0.6758/0.494A	0.6758/0.494A	----	0.617 + 0.103	.3215	----	----	----	----	10	UNCH	
2280	----	----	0.6958/0.509A	0.6958/0.509A	----	0.635 + 0.106	.3284	----	----	----	----	11	UNCH	
2285	----	----	0.7168/0.523A	0.7168/0.523A	----	0.654 + 0.109	.3354	----	----	----	----	5	UNCH	
2290	----	----	0.7378/0.539A	0.7378/0.539A	----	0.673 + 0.111	.3425	----	----	----	----	5	UNCH	
2295	----	----	0.7588/0.555A	0.7588/0.555A	----	0.693 + 0.115	.3496	----	----	----	----	1	UNCH	
2300	----	----	0.7808/0.572A	0.7808/0.572A	----	0.713 + 0.118	.3568	----	----	----	----	222	UNCH	
2310	----	----	0.8258/0.606A	0.8258/0.606A	----	0.754 + 0.123	.3712	----	----	----	----	3	UNCH	
2315	----	----	0.8478/0.624A	0.8478/0.624A	----	0.775 + 0.126	.3784	----	----	----	----	10	UNCH	
2320	----	----	0.8708/0.642A	0.8708/0.642A	----	0.797 + 0.129	.3857	----	----	----	----	1	UNCH	
2325	----	----	0.8948/0.661A	0.8948/0.661A	----	0.819 + 0.132	.3930	----	----	----	----	54	UNCH	
2330	----	----	0.9188/0.680A	0.9188/0.680A	----	0.841 + 0.135	.4003	----	----	1	----	6 +	1	
2340	----	----	0.9688/0.719A	0.9688/0.719A	----	0.887 + 0.141	.4150	----	----	2	----	3 +	2	
2345	0.890	0.890	0.9938/0.739A	0.9938/0.739A	----	0.911 + 0.144	.4224	----	----	5	----	14 +	5	
2350	0.806	0.806	1.0198/0.760A	1.0198/0.760A	----	0.935 + 0.147	.4298	----	----	10	----	125 +	8	
2355	----	----	1.0458/0.781A	1.0458/0.781A	----	0.960 + 0.151	.4372	----	----	----	----	23	UNCH	
2360	----	----	1.0728/0.802A	1.0728/0.802A	----	0.985 + 0.154	.4445	----	----	----	----	2	UNCH	
2365	----	----	1.0998/0.824A	1.0998/0.824A	----	1.010 + 0.156	.4519	----	----	----	----	4	UNCH	
2370	----	----	1.1268/0.846A	1.1268/0.846A	----	1.036 + 0.160	.4593	----	----	----	----	2	UNCH	
2375	----	----	1.1548/0.868A	1.1548/0.868A	----	1.062 + 0.163	.4666	----	----	----	----	215	UNCH	
2380	----	----	1.1828/0.890A	1.1828/0.890A	----	1.088 + 0.165	.4740	----	----	----	----	8	UNCH	
2385	----	----	1.2118/0.914A	1.2118/0.914A	----	1.115 + 0.169	.4813	----	----	----	----	9	UNCH	
2390	1.063	1.063	1.2408/0.938A	1.2408/0.938A	----	1.142 + 0.171	.4886	----	----	1	----	200	UNCH	
2395	----	----	1.2698/0.962A	1.2698/0.962A	----	1.170 + 0.175	.4958	----	----	----	----	7	UNCH	
2400	1.243	1.243	1.2998/0.986A	1.2998/0.986A	----	1.198 + 0.178	.5031	----	----	7	----	260 -	2	
2405	----	----	1.3298/1.038A	1.3298/1.038A	----	1.227 + 0.181	.5103	----	----	----	----	2	UNCH	
2410	----	----	1.3608/1.059A	1.3608/1.059A	----	1.255 + 0.184	.5174	----	----	----	----	5	UNCH	
2415	----	----	1.3918/1.089A	1.3918/1.089A	----	1.285 + 0.187	.5245	----	----	----	----	1	UNCH	
2420	----	----	1.4228/1.120A	1.4228/1.120A	----	1.314 + 0.190	.5317	----	----	----	----	160	UNCH	
2425	----	----	1.4538/-----	1.4538/-----	----	1.344 + 0.193	.5387	----	----	----	----	23	UNCH	
2430	----	----	1.4858/-----	1.4858/-----	----	1.374 + 0.196	.5457	----	----	----	----	3	UNCH	
2435	----	----	1.5188/-----	1.5188/-----	----	1.405 + 0.199	.5527	----	----	----	----	2	UNCH	
2440	----	----	1.5508/-----	1.5508/-----	----	1.436 + 0.202	.5596	----	----	----	----	11	UNCH	
2450	----	----	1.6178/-----	1.6178/-----	----	1.499 + 0.208	.5733	----	----	----	----	37	UNCH	
2455	----	----	1.6488/1.315A	1.6488/1.315A	----	1.531 + 0.211	.5801	----	----	----	----	7	UNCH	
2475	----	----	1.7888/1.423A	1.7888/1.423A	----	1.663 + 0.223	.6065	----	----	----	----	6	UNCH	
2495	----	----	1.9288/1.548A	1.9288/1.548A	----	1.799 + 0.233	.6319	----	----	----	----	6	UNCH	
2500	----	----	1.9688/1.580A	1.9688/1.580A	----	1.834 + 0.236	.6382	----	----	----	----	2	UNCH	
2510	1.768	1.768	2.0398/1.645A	2.0398/1.645A	----	1.905	NEW 6502	----	----	4	----	4 +	4	
2525	----	----	2.1558/1.744A	2.1558/1.744A	----	2.013 + 0.249	.6680	----	----	----	----	3	UNCH	
2530	----	----	2.1338/1.778A	2.1338/1.778A	----	2.050 + 0.252	.6738	----	----	----	----	3	UNCH	
2535	1.948	1.948	2.1718/1.812A	2.1718/1.812A	----	2.087 + 0.254	.6796	----	----	4	----	5 +	4	
2540	----	----	2.2108/1.847A	2.2108/1.847A	----	2.124 + 0.257	.6851	----	----	----	----	1	UNCH	
2545	----	----	2.2488/1.881A</											

	BULLETIN # 18@			METALS OPTION PRODUCTS							Fri, Jan 27, 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 MAY23	COMEX SILVER OPTIONS													
2225	----	----	----	0.691B/0.535A	0.691B/0.535A	----	----	0.648 + 0.098	.2867	----	----	----	----	30
2245	0.697	0.697		#0.697/*0.697	#0.697/*0.697	----	----	0.717 NEW	.3090	----	----	2	----	2 +
2250	----	----	----	0.785B/0.608A	0.785B/0.608A	----	----	0.736 + 0.111	.3148	----	----	----	----	124
2275	0.841	0.841		0.886B/0.689A	0.886B/0.689A	----	----	0.831 + 0.123	.3436	----	----	2	----	13 +
2300	----	----	----	0.998B/0.777A	0.998B/0.777A	----	----	0.935 + 0.135	.3732	----	----	152	----	189 +
2325	----	----	----	1.117B/0.874A	1.117B/0.874A	----	----	1.048 + 0.149	.4032	----	----	----	----	5
2350	----	----	----	1.245B/0.979A	1.245B/0.979A	----	----	1.169 + 0.162	.4334	----	----	133	----	107 +
2375	1.202	1.202		1.382B/1.092A	1.382B/1.092A	----	----	1.298 + 0.174	.4635	----	----	20	----	22 -
2400	1.402	1.402		1.526B/1.215A	1.526B/1.215A	----	----	1.436 + 0.188	.4933	----	----	2	----	130 -
2425	----	----	----	1.679B/1.371A	1.679B/1.371A	----	----	1.581 + 0.200	.5224	----	----	----	----	5
2450	----	----	----	1.839B/1.510A	1.839B/1.510A	----	----	1.734 + 0.212	.5509	----	----	152	----	183 +
2475	----	----	----	2.007B/1.656A	2.007B/1.656A	----	----	1.894 + 0.224	.5785	----	----	----	----	7
2500	----	----	----	2.181B/1.810A	2.181B/1.810A	----	----	2.061 + 0.235	.6050	----	----	104	----	104 +
2525	----	----	----	2.362B/1.971A	2.362B/1.971A	----	----	2.235 + 0.246	.6305	----	----	----	----	4
2550	----	----	----	2.548B/2.138A	2.548B/2.138A	----	----	2.414 + 0.256	.6549	----	----	----	----	6
2575	----	----	----	2.740B/2.311A	2.740B/2.311A	----	----	2.600 + 0.266	.6778	----	----	----	----	5
2600	----	----	----	2.936B/2.490A	2.936B/2.490A	----	----	2.791 + 0.276	.6996	----	----	----	----	7
2625	----	----	----	3.138B/2.675A	3.138B/2.675A	----	----	2.986 + 0.283	.7203	----	----	----	----	5
2650	----	----	----	3.346B/----	3.346B/----	----	----	3.187 + 0.292	.7395	----	----	----	----	4
2675	----	----	----	3.556B/----	3.556B/----	----	----	3.392 + 0.299	.7575	----	----	----	----	3
2700	----	----	----	3.770B/----	3.770B/----	----	----	3.601 + 0.306	.7745	----	----	----	----	3
2725	----	----	----	3.986B/----	3.986B/----	----	----	3.814 + 0.313	.7900	----	----	----	----	6
2750	----	----	----	4.206B/----	4.206B/----	----	----	4.029 + 0.319	.8047	----	----	----	----	1
2800	----	----	----	4.655B/----	4.655B/----	----	----	4.470 + 0.331	.8306	----	----	----	----	1
2850	----	----	----	5.111B/----	5.111B/----	----	----	4.920 + 0.341	.8530	----	----	----	----	1
2875	----	----	----	5.342B/----	5.342B/----	----	----	5.148 + 0.345	.8628	----	----	----	----	1
2900	5.445	5.445		5.575B/5.445	5.575B/5.445	----	----	5.379 + 0.350	.8722	----	----	1	----	3 +
2950	----	----	----	6.044B/----	6.044B/----	----	----	5.844 + 0.358	.8887	----	----	----	----	3
2975	----	----	----	6.280B/----	6.280B/----	----	----	6.078 + 0.360	.8959	----	----	----	----	3
3000	----	----	----	6.517B/----	6.517B/----	----	----	6.314 + 0.364	.9026	----	----	----	----	3
3025	----	----	----	6.756B/----	6.756B/----	----	----	6.551 + 0.366	.9092	----	----	----	----	3
3050	----	----	----	6.996B/----	6.996B/----	----	----	6.789 + 0.369	.9150	----	----	----	----	3
3075	6.841	6.841		7.236B/6.840	7.236B/6.840	----	----	7.028 + 0.371	.9203	----	----	4	----	6 +
3125	----	----	----	7.719B/----	7.719B/----	----	----	7.508 + 0.374	.9303	----	----	----	----	5
3150	----	----	----	7.962B/----	7.962B/----	----	----	7.749 + 0.375	.9346	----	----	----	----	1
3175	----	----	----	8.206B/----	8.206B/----	----	----	7.991 + 0.377	.9385	----	----	----	----	2
3200	----	----	----	8.448B/----	8.448B/----	----	----	8.234 + 0.379	.9423	----	----	----	----	3
3225	----	----	----	8.616B/----	8.616B/----	----	----	8.477 + 0.380	.9460	----	----	----	----	4
3250	----	----	----	8.744B/----	8.744B/----	----	----	8.721 + 0.381	.9493	----	----	----	----	2
3275	----	----	----	8.764B/----	8.764B/----	----	----	8.966 + 0.383	.9521	----	----	----	----	6
3300	----	----	----	----	----	----	----	9.211 + 0.384	.9553	----	----	----	----	3
3325	----	----	----	----	----	----	----	9.456 + 0.385	.9576	----	----	----	----	8
3350	----	----	----	----	----	----	----	9.702 + 0.386	.9603	----	----	----	----	9
3375	----	----	----	----	----	----	----	9.948 + 0.387	.9626	----	----	----	----	10
3400	----	----	----	----	----	----	----	10.195 + 0.388	.9648	----	----	----	----	12
3425	----	----	----	----	----	----	----	10.442 + 0.389	.9665	----	----	----	----	4
3500	----	----	----	----	----	----	----	11.184 + 0.391	.9725	----	----	----	----	11
TOTAL												703	0	7070 +
JUN23														
1575	----	----	----	----	----	----	----	0.035 + 0.002	.0170	----	----	----	----	1
1600	----	----	----	----	----	----	----	0.039 + 0.003	.0190	----	----	----	----	100
1675	----	----	----	----	----	----	----	0.055 + 0.004	.0270	----	----	----	----	1
1700	----	----	----	0.058B/----	0.058B/----	----	----	0.061 + 0.004	.0300	----	----	----	----	4
1725	----	----	----	0.066B/----	0.066B/----	----	----	0.069 + 0.005	.0339	----	----	----	----	2
1750	----	----	----	0.076B/----	0.076B/----	----	----	0.078 + 0.007	.0382	----	----	----	----	1
1775	----	----	----	0.086B/----	0.086B/----	----	----	0.088 + 0.008	.0430	----	----	----	----	3
1800	0.100	0.100		0.100/0.100	0.100/0.100	----	----	0.099 + 0.009	.0483	----	----	1	----	6
1825	----	----	----	0.112B/----	0.112B/----	----	----	0.112 + 0.010	.0543	----	----	----	----	4
1850	----	----	----	0.128B/----	0.128B/----	----	----	0.127 + 0.012	.0612	----	----	----	----	7
1875	----	----	----	0.145B/----	0.145B/----	----	----	0.144 + 0.015	.0688	----	----	1	----	4 +
1900	----	----	----	0.166B/----	0.166B/----	----	----	0.163 + 0.017	.0772	----	----	----	----	13
1925	----	----	----	0.189B/----	0.189B/----	----	----	0.185 + 0.020	.0867	----	----	----	----	3
1950	----	----	----	0.215B/----	0.215B/----	----	----	0.210 + 0.023	.0972	----	----	----	----	57
2000	----	----	----	0.280B/----	0.280B/----	----	----	0.271 + 0.031	.1218	----	----	----	----	407
2025	----	----	----	0.319B/----	0.319B/----	----	----	0.307 + 0.036	.1357	----	----	----	----	2
2050	----	----	----	0.363B/0.304A	0.363B/0.304A	----	----	0.348 + 0.041	.1510	----	----	----	----	10
2075	----	----	----	0.412B/0.342A	0.412B/0.342A	----	----	0.394 + 0.048	.1675	----	----	----	----	16
2100	----	----	----	0.466B/0.385A	0.466B/0.385A	----	----	0.445 + 0.054	.1852	----	----	1	----	100 -
2175	----	----	----	0.668B/0.545A	0.668B/0.545A	----	----	0.634 + 0.078	.2454	----	----	----	----	2
2200	----	----	----	0.749B/0.608A	0.749B/0.608A	----	----	0.710 + 0.087	.2676	----	----	----	----	7
2225	----	----	----	0.835B/0.680A	0.835B/0.680A	----	----	0.793 + 0.097	.2907	----	----	----	----	34
2250	----	----	----	0.931B/0.756A	0.931B/0.756A	----	----	0.883 + 0.107	.3145	----	----	----	----	24
2275	----	----	----	1.033B/0.841A	1.033B/0.841A	----	----	0.980 + 0.117	.3389	----	----	----	----	7
2300	----	----	----	1.143B/0.934A	1.143B/0.934A	----	----	1.085 + 0.128	.3638	----	----	----	----	9
2400	----	----	----	1.657B/1.370A	1.657B/1.370A	----	----	1.576 + 0.173	.4648	----	----	----	----	2
2425	----	----	----	1.803B/1.498A	1.803B/1.498A	----	----	1.717 + 0.185	.4897	----	----	----	----	

	BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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 PUT	COMEX SILVER OPTIONS																
JUL23																	
3200	----	----	----	8.402B/----	8.402B/----	----	----	----	8.211 +	0.353	.8728	----	----	----	----	1	
3300	----	----	----	9.351B/----	9.351B/----	----	----	----	9.154 +	0.363	.8923	----	----	----	----	2	
3400	----	----	----	10.311B/----	10.311B/----	----	----	----	10.108 +	0.370	.9082	----	----	----	----	1	
3425	----	----	----	10.553B/----	10.553B/----	----	----	----	10.348 +	0.371	.9117	----	----	----	----	1	
3475	----	----	----	11.036B/----	11.036B/----	----	----	----	10.829 +	0.373	.9183	----	----	----	----	1	
3500	----	----	----	11.278B/----	11.278B/----	----	----	----	11.071 +	0.375	.9214	----	----	----	----	1	
3525	----	----	----	11.522B/----	11.522B/----	----	----	----	11.313 +	0.376	.9245	----	----	----	----	2	
3550	----	----	----	11.766B/----	11.766B/----	----	----	----	11.556 +	0.378	.9272	----	----	----	----	1	
3575	----	----	----	12.010B/----	12.010B/----	----	----	----	11.799 +	0.379	.9299	----	----	----	----	2	
3600	----	----	----	12.255B/----	12.255B/----	----	----	----	12.042 +	0.379	.9324	----	----	----	----	3	
3625	----	----	----	12.498B/----	12.498B/----	----	----	----	12.286 +	0.381	.9348	----	----	----	----	2	
3650	----	----	----	12.670B/----	12.670B/----	----	----	----	12.530 +	0.381	.9371	----	----	----	----	5	
3675	----	----	----	12.815B/----	12.815B/----	----	----	----	12.775 +	0.383	.9395	----	----	----	----	3	
3700	----	----	----	12.980B/----	12.980B/----	----	----	----	13.020 +	0.384	.9415	----	----	----	----	5	
3725	----	----	----	----	----	----	----	----	13.265 +	0.384	.9435	----	----	----	----	2	
TOTAL														31	0	2324 +	
SEP23																	
1400	----	----	----	----	----	----	----	----	0.053 +	0.001	.0187	----	----	----	----	300	
1550	----	----	----	----	----	----	----	----	0.096 +	0.005	.0338	----	----	----	----	5	
1650	----	----	----	0.138B/----	0.138B/----	----	----	----	0.144 +	0.009	.0499	----	----	----	----	100	
1750	----	----	----	0.211B/----	0.211B/----	----	----	----	0.214 +	0.014	.0725	----	----	----	----	1	
1800	----	----	----	0.259B/----	0.259B/----	----	----	----	0.261 +	0.018	.0869	----	----	----	----	100	
1825	----	----	----	0.288B/----	0.288B/----	----	----	----	0.288 +	0.020	.0950	----	----	----	----	19	
1950	----	----	----	0.476B/----	0.476B/----	----	----	----	0.469 +	0.035	.1453	----	1	----	2 +	1	
2050	----	----	----	0.698B/----	0.698B/----	----	----	----	0.681 +	0.053	.1977	----	----	----	----	44	
2100	----	----	----	0.837B/----	0.837B/----	----	----	----	0.814 +	0.064	.2277	----	----	----	----	100	
2125	----	----	----	0.915B/----	0.915B/----	----	----	----	0.889 +	0.071	.2437	----	----	----	----	12	
2150	----	----	----	0.998B/----	0.998B/----	----	----	----	0.968 +	0.077	.2601	----	----	----	----	4	
2175	----	----	----	1.086B/----	1.086B/----	----	----	----	1.053 +	0.084	.2769	----	----	----	----	8	
2200	----	----	----	1.176B/----	1.176B/----	----	----	----	1.143 +	0.091	.2942	----	1	----	3	3	
2250	----	----	----	1.380B/----	1.380B/----	----	----	----	1.340 +	0.107	.3297	----	----	----	----	44	
2300	----	----	----	1.607B/----	1.607B/----	----	----	----	1.560 +	0.124	.3661	----	----	----	----	1	
2375	----	----	----	1.989B/----	1.989B/----	----	----	----	1.931 +	0.151	.4212	----	----	----	----	1	
2425	----	----	----	2.270B/----	2.270B/----	----	----	----	2.205 +	0.169	.4576	----	----	----	----	4	
2450	----	----	----	2.418B/----	2.418B/----	----	----	----	2.350 +	0.179	.4753	----	----	----	----	60	
2525	----	----	----	2.891B/----	2.891B/----	----	----	----	2.812 +	0.204	.5265	----	----	----	----	6	
2675	----	----	----	3.950B/----	3.950B/----	----	----	----	3.849 +	0.247	.6178	----	----	----	----	10	
2750	----	----	----	4.526B/----	4.526B/----	----	----	----	4.415 +	0.264	.6573	----	----	----	----	1	
2800	----	----	----	4.924B/----	4.924B/----	----	----	----	4.806 +	0.273	.6814	----	----	----	----	15	
2850	----	----	----	5.333B/----	5.333B/----	----	----	----	5.208 +	0.283	.7036	----	----	----	----	1	
3500	----	----	----	11.196B/----	11.196B/----	----	----	----	11.022 +	0.368	.8745	----	----	----	----	3	
4000	----	----	----	16.036B/----	16.036B/----	----	----	----	15.843 +	0.393	.9271	----	----	----	----	2	
TOTAL														2	0	846 +	
DEC23																	
1000	----	----	----	----	----	----	----	----	0.025	UNCH	.0068	----	----	----	----	1	
1350	----	----	----	----	----	----	----	----	0.091 +	0.002	.0256	----	----	----	----	1	
1375	----	----	----	----	----	----	----	----	0.099 +	0.003	.0279	----	----	----	----	1	
1500	----	----	----	----	----	----	----	----	0.149 +	0.005	.0420	----	----	----	----	1	
1600	----	----	----	----	----	----	----	----	0.209 +	0.007	.0583	----	----	----	----	101	
1800	0.420	0.420		0.420/0.420	0.420/0.420				0.417 +	0.018	.1092	----	5	----	50 +	5	
1825	----	----	----	0.458B/----	0.458B/----	----	----	----	0.455 +	0.020	.1178	----	----	----	----	5	
1850	----	----	----	0.500B/----	0.500B/----	----	----	----	0.495 +	0.022	.1266	----	----	----	----	100	
1900	----	----	----	0.594B/----	0.594B/----	----	----	----	0.587 +	0.029	.1461	----	----	----	----	30	
2000	----	----	----	0.826B/----	0.826B/----	----	----	----	0.813 +	0.044	.1904	----	----	----	----	61	
2025	----	----	----	0.895B/----	0.895B/----	----	----	----	0.880 +	0.049	.2027	----	----	----	----	10	
2100	1.050	1.050		1.125B/1.050	1.125B/1.050				1.104 +	0.064	.2414	----	1	----	2 +	1	
2200	----	----	----	1.491B/----	1.491B/----	----	----	----	1.465 +	0.087	.2974	----	----	----	----	25	
2225	----	----	----	1.595B/----	1.595B/----	----	----	----	1.566 +	0.092	.3119	----	----	----	----	20	
2275	----	----	----	1.818B/----	1.818B/----	----	----	----	1.783 +	0.104	.3414	----	----	----	----	1	
2375	----	----	----	2.319B/----	2.319B/----	----	----	----	2.271 +	0.130	.4009	----	----	----	----	100	
2400	2.300	2.300		2.455B/2.300	2.455B/2.300				2.403 +	0.135	.4157	----	1	----	9 +	1	
2425	----	----	----	2.596B/----	2.596B/----	----	----	----	2.541 +	0.142	.4305	----	----	----	----	7	
2475	----	----	----	2.889B/----	2.889B/----	----	----	----	2.827 +	0.153	.4594	----	----	----	----	50	
2500	2.863	2.863		3.042B/2.863	3.042B/2.863				2.977 +	0.160	.4736	----	9	----	16 +	9	
2525	----	----	----	3.199B/----	3.199B/----	----	----	----	3.130 +	0.166	.4874	----	----	----	----	6	
2600	----	----	----	3.691B/----	3.691B/----	----	----	----	3.612 +	0.183	.5273	----	----	----	----	1	
3000	----	----	----	6.746B/----	6.746B/----	----	----	----	6.628 +	0.260	.6940	----	----	----	----	13	
3275	----	----	----	9.120B/----	9.120B/----	----	----	----	8.985 +	0.299	.7685	----	----	----	----	15	
TOTAL														16	0	626 +	
JUL24																	
1800	----	----	----	----	----	----	----	----	0.480 +	0.041	.1111	----	----	----	0	12	
TOTAL																12	
SO1 CALL	SILVER OPTIONS																
FEB23																	
2150	----	----	----	----	----	----	----	----	2.132 -	0.394	.9818	----	----	----	----	1	
2175	----	----	----	-----/1.674A	-----/1.674A	----	----	----	1.888 -	0.392	.9698	----	----	----	----	1	
2250	1.229	1.229															

PG64	BULLETIN # 18@			METALS OPTION PRODUCTS										Fri, Jan 27, 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	
S01 PUT FEB23			SILVER OPTIONS													
2250	0.056		0.056	0.095B/0.038A	0.095B/0.038A	----			0.068 + 0.027	.1137	----	----	2	----	10 +	2
2255	----		----	0.105B/0.042A	0.105B/0.042A	----			0.074 + 0.029	.1232	----	----	----	----	4	UNCH
2265	----		----	0.125B/0.048A	0.125B/0.048A	----			0.088 + 0.034	.1448	----	----	----	----	1	UNCH
2270	----		----	0.137B/0.053A	0.137B/0.053A	----			0.096 + 0.037	.1568	----	----	13	----	16 -	1
2275	----		----	0.149B/0.057A	0.149B/0.057A	----			0.105 + 0.041	.1698	----	----	----	----	83	UNCH
2280	----		----	0.162B/0.063A	0.162B/0.063A	----			0.115 + 0.045	.1838	----	----	----	----	12	UNCH
2285	0.106		0.106	0.176B/0.068A	0.176B/0.068A	----			0.125 + 0.049	.1979	----	----	1	----	2 +	1
2290	----		----	0.191B/0.074A	0.191B/0.074A	----			0.136 + 0.053	.2130	----	----	----	----	16	UNCH
2295	----		----	0.205B/0.081A	0.205B/0.081A	----			0.148 + 0.057	.2289	----	----	----	----	9	UNCH
2300	0.150		0.150	0.222B/0.087A	0.222B/0.087A	----			0.160 + 0.061	.2449	----	----	31	----	287 +	21
2305	----		----	0.240B/0.095A	0.240B/0.095A	----			0.174 + 0.066	.2624	----	----	----	----	25	UNCH
2310	----		----	0.260B/0.103A	0.260B/0.103A	----			0.188 + 0.071	.2799	----	----	----	----	21	UNCH
2315	----		----	0.280B/0.111A	0.280B/0.111A	----			0.203 + 0.076	.2982	----	----	----	----	15	UNCH
2320	----		----	0.301B/0.121A	0.301B/0.121A	----			0.220 + 0.082	.3175	----	----	----	----	30	UNCH
2325	0.220		0.220	0.324B/0.131A	0.324B/0.131A	----			0.237 + 0.088	.3369	----	----	14	----	7 +	4
2330	0.200		0.200	0.347B/0.141A	0.347B/0.141A	----			0.255 NEW	.3567	----	55	----	----	43 +	43
2335	----		----	0.371B/0.152A	0.371B/0.152A	----			0.274 + 0.099	.3770	----	----	----	----	12	UNCH
2340	0.277		0.277	0.407/0.165A	0.407/0.165A	----			0.295 + 0.106	.3979	----	----	11	----	12 +	1
2345	----		----	0.423B/0.178A	0.423B/0.178A	----			0.316 + 0.112	.4188	----	----	----	----	12	UNCH
2350	0.300		0.300	0.451B/0.191A	0.451B/0.191A	----			0.339 + 0.120	.4400	----	----	2	----	24 +	2
2355	0.325		0.325	0.479B/0.206A	0.479B/0.206A	----			0.362 + 0.126	.4613	----	68	----	----	72 +	62
2360	----		----	0.508B/0.222A	0.508B/0.222A	----			0.387 + 0.134	.4827	----	----	----	----	38	UNCH
2365	----		----	0.539B/0.238A	0.539B/0.238A	----			0.412 + 0.140	.5040	----	13	----	----	18 +	6
2370	----		----	0.567B/0.256A	0.567B/0.256A	----			0.439 + 0.148	.5253	----	----	----	----	100	UNCH
2375	----		----	0.603B/0.274A	0.603B/0.274A	----			0.467 + 0.156	.5464	----	28	----	----	28 +	27
2380	----		----	0.633B/0.294A	0.633B/0.294A	----			0.496 + 0.164	.5673	----	----	----	----	11	UNCH
2385	0.365		0.365	0.668B/0.315A	0.668B/0.315A	----			0.526 + 0.172	.5879	----	2	----	----	5 +	1
2390	----		----	0.703B/0.367A	0.703B/0.367A	----			0.556 + 0.179	.6081	----	----	----	----	29	UNCH
2400	----		----	0.779B/0.405A	0.779B/0.405A	----			0.621 + 0.195	.6472	----	1	----	----	13 +	1
2405	----		----	0.752B/0.440A	0.752B/0.440A	----			0.655 + 0.203	.6664	----	----	----	----	6	UNCH
2415	----		----	0.836B/0.483A	0.836B/0.483A	----			0.725 + 0.219	.7021	----	----	----	----	3	UNCH
2420	----		----	0.873B/0.510A	0.873B/0.510A	----			0.762 + 0.227	.7195	----	----	----	----	7	UNCH
2425	----		----	0.977B/0.538A	0.977B/0.538A	----			0.799 + 0.235	.7355	----	----	----	----	1	UNCH
2430	----		----	0.955B/0.568A	0.955B/0.568A	----			0.837 + 0.242	.7513	----	----	----	----	4	UNCH
2440	----		----	1.040B/0.628A	1.040B/0.628A	----			0.916 + 0.258	.7812	----	----	----	----	2	UNCH
2445	----		----	1.083B/0.660A	1.083B/0.660A	----			0.956 + 0.265	.7944	----	----	----	----	7	UNCH
2450	----		----	1.189B/0.692A	1.189B/0.692A	----			0.997 + 0.272	.8074	----	----	----	----	4	UNCH
2495	----		----	1.352B/-----	1.352B/-----	----			1.388 + 0.323	.8976	----	----	----	----	8	UNCH
2525	----		----	1.879B/-----	1.879B/-----	----			1.666 + 0.347	.9341	----	----	----	----	4	UNCH
2550	----		----	2.079B/-----	2.079B/-----	----			1.904 + 0.361	.9546	----	----	----	----	1	UNCH
2575	----		----	2.079B/-----	2.079B/-----	----			2.145 + 0.370	.9685	----	----	----	----	1	UNCH
2600	----		----	2.180B/-----	2.180B/-----	----			2.390 + 0.378	.9787	----	----	----	----	1	UNCH
2650	----		----	----	----	----			2.883 + 0.386	.9891	----	----	----	----	1	UNCH
TOTAL													298	0	1143 +	217
S02 CALL FEB23			SILVER OPTIONS													
2175	----		----	----/1.716A	----/1.716A	----			1.920 - 0.382	.9292	----	----	----	----	1	UNCH
2225	----		----	----/1.286A	----/1.286A	----			1.473 - 0.365	.8650	----	----	----	----	2	UNCH
2250	----		----	----/1.089A	----/1.089A	----			1.265 - 0.352	.8185	----	----	----	----	1	UNCH
2295	----		----	----/0.789A	----/0.789A	----			0.926 - 0.320	.7111	----	----	----	----	2	UNCH
2305	----		----	----/0.729A	----/0.729A	----			0.858 - 0.312	.6835	----	----	----	----	2	UNCH
2330	----		----	----/0.582A	----/0.582A	----			0.702 - 0.287	.6103	----	----	----	----	2	UNCH
2335	----		----	----/0.557A	----/0.557A	----			0.673 - 0.282	.5950	----	----	----	----	7	UNCH
2350	----		----	0.877B/0.486A	0.877B/0.486A	----			0.591 - 0.266	.5487	----	----	----	----	3	UNCH
2370	0.444		0.444	0.750B/0.402A	0.750B/0.402A	----			0.492 NEW	.4865	----	10	----	----	10 +	10
2375	0.420		0.420	0.720B/0.382A	0.720B/0.382A	----			0.470 - 0.237	.4711	----	2	----	----	16 -	1
2385	----		----	----/0.346A	----/0.346A	----			0.427 - 0.226	.4406	----	----	----	----	20	UNCH
2390	0.413		0.413	0.413/0.329A	0.413/0.329A	----			0.406 - 0.221	.4254	----	6	----	----	10 +	6
2400	----		----	----/0.297A	----/0.297A	----			0.368 - 0.208	.3958	----	----	----	----	3	UNCH
2420	----		----	0.514B/0.240A	0.514B/0.240A	----			0.300 - 0.185	.3393	----	----	----	----	7	UNCH
2425	----		----	0.489B/0.228A	0.489B/0.228A	----			0.285 - 0.179	.3260	----	----	----	----	300	UNCH
2430	----		----	0.470B/0.216A	0.470B/0.216A	----			0.270 - 0.173	.3127	----	----	----	----	2	UNCH
2435	----		----	0.447B/0.205A	0.447B/0.205A	----			0.256 - 0.168	.2998	----	----	----	----	1	UNCH
2440	----		----	0.427B/0.194A	0.427B/0.194A	----			0.243 - 0.162	.2875	----	----	----	----	3	UNCH
2450	----		----	0.390B/0.174A	0.390B/0.174A	----			0.218 - 0.151	.2634	----	----	----	----	1	UNCH
2470	----		----	0.323B/*0.140A	0.323B/*0.140A	----			0.175 - 0.130	.2195	----	40	----	----	48 +	40
2475	0.220		0.220	0.308B/*0.132A	0.308B/*0.132A	----			0.166 - 0.124	.2097	----	4	----	----	6 +	1
2500	----		----	0.240B/*0.100A	0.240B/*0.100A	----			0.125 - 0.102	.1644	----	----	----	----	1	UNCH
2550	----		----	0.143B/*0.058A	0.143B/*0.058A	----			0.072 - 0.066	.0995	----	----	----	----	32	UNCH
2800	----		----	----/*0.010A	----/*0.010A	----			0.009 - 0.007	.0117	----	----	----	----	8	UNCH
2825	----		----	----/*0.011A	----/*0.011A	----			0.007 - 0.007	.0091	----	----	----	----	14	UNCH
TOTAL													62	0	502 +	56
S02 PUT FEB23			SILVER OPTIONS													
2025	----		----	----	----	----			0.008 + 0.001	.0110	----	----	----	----	15	UNCH
2075	----		----	----	----	----			0.013 + 0.002	.0187	----	----	----	----	3	UNCH
2100	----		----	0.018B/-----	0.018B/-----	----			0.018 + 0.004	.0260	----	----	----	----	3	UNCH
2125	----		----	0.027B/-----	0.027B/-----	----			0.025 + 0.007	.0362	----	----	----	----	2	UNCH
2175	----		----	0.061B/-----	0.061B/-----	----			0.050 + 0.015	.0707	----	----	----	----	2	UNCH
2200	0.065		0.065	0.089B/0.065	0.089B/0.065	----			0.072 NEW	.0987	----	2	----	----	2 +	2
2225	----		----	0.129B/0.069A	0.129B/0.069A	----			0.102 + 0.031	.1349	----	----	----	----	14	UNCH
2250	0.145		0.145	0.183B/0.095A	0.183B/0.095A	----			0.144 + 0.045	.1813	----	1	----	----	7 +	1
2275	----		----	0.253B/0.130A	0.253B/0.130A	----			0.199 + 0.061	.2372	----	----	----	----	3	UNCH
2285	----		----	0.286B/0.147A	0.286B/0.147A	----			0.226 + 0.069	.2625	----	----	----	----	3	UNCH
2290	----		----	0.302B/0.155A	0.302B/0.155A	----			0.240 + 0.073	.2754	----	----	----	----	1	UNCH
2300	----		----	0.340B/0.175A	0.340B/0.175A	----			0.271 + 0.081	.3025	----	----	----	----	253	UNCH
2305	----		----	0.359B/0.185A	0.359B/0.185A	----			0.287 + 0.086	.3163	----	----	----	----	2	UNCH
2310	----		----	0.380B/0.197A	0.380B/0.197A	----			0.304 + 0.090	.3305	----	----	----	----	3	UNCH
2315	----		----	0.401B/0.209A	0.401B/0.209A	----			0.322 + 0.095	.3450	----	----	----	----	2	UNCH
2325	----		----	0.446B/0.234A	0.446B/0.234A	----			0.360 + 0.105	.3746	----	----	----	----	21	UNCH
2330	----		----	0.470B/0.248A	0.470B/0.248A	----			0.380 + 0.109	.3896	----	----	----	----	1	UNCH
2340	----		----	0.519B/0.277A	0.519B/0.277A	----			0.423 + 0.120	.4202	----	----	----	----	3	UNCH
2345	----		----	0.545B/0.293A	0.545B/0.293A	----										



BULLETIN # 18@				METALS OPTION PRODUCTS							Fri, Jan 27, 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			
S04 CALL	SILVER OPTIONS														
JAN23															
2150	----	----	----	----	----	2.122 - 0.399	----	2	----	----	----	0 -	2		
2175	----	----	----	----	----	1.872 - 0.399	----	3	----	----	----	0 -	3		
2200	----	----	----	----	----	1.622 - 0.399	----	1	----	----	----	0 -	1		
2225	----	----	----	----	----	1.372 - 0.399	----	3	----	----	----	0 -	3		
2250	----	----	----	----	----	1.122 - 0.399	----	1	----	----	----	0 -	1		
2265	----	----	----	----	----	0.972 - 0.399	----	3	----	----	----	0 -	3		
2275	----	----	----	----	----	0.872 - 0.399	----	1	----	----	----	0 -	1		
2275	----	----	----	----	----	0.622 - 0.401	----	6	----	----	----	0 -	6		
2300	----	----	----	----	----	0.522 - 0.403	----	----	----	----	----	0	UNCH		
2310	----	----	----	----	----	0.422 - 0.406	----	1	----	----	----	0 -	1		
2320	----	----	----	----	----	0.372 - 0.408	----	----	----	----	----	0	UNCH		
2325	0.480	0.480	0.480/*0.167A	0.480/*0.167A	----	0.322 - 0.410	----	19	----	6	----	0 -	19		
2330	----	----	----/*0.198A	----/*0.198A	----	0.222 - 0.416	----	3	----	----	----	0 -	3		
2340	----	----	----/*0.067A	----/*0.067A	----	0.172 - 0.420	----	2	----	----	----	0 -	2		
2345	----	----	----/*0.047A	----/*0.047A	----	0.122 - 0.425	----	17	----	15	----	0 -	4		
2350	0.285	0.285	0.400B/*0.033A	0.400B/*0.033A	----	0.072 - 0.431	----	4	----	----	----	0 -	4		
2355	----	----	----/*0.022A	----/*0.022A	----	0.022 - 0.438	----	4	----	4	----	0 -	3		
2360	0.176	0.176	0.176/*0.015A	0.176/*0.015A	----	0.000 - 0.418	----	----	----	2	----	0 -	1		
2365	0.006	0.006	0.006/*0.003A	0.006/*0.003A	----	0.000 - 0.378	----	----	----	----	----	0 -	7		
2370	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.339	----	----	60	----	----	0 -	26		
2375	0.050	0.050	0.060/*0.003A	0.060/*0.003A	----	0.000 - 0.303	----	----	5	----	----	0 -	15		
2380	0.093	0.093	0.093/*0.003A	0.093/*0.003A	----	0.000 - 0.268	----	----	10	----	----	0 -	41		
2385	0.074	0.074	0.074/*0.003A	0.074/*0.003A	----	0.000 - 0.236	----	----	9	----	----	0 -	3		
2390	0.060	0.060	0.060/*0.003A	0.060/*0.003A	----	0.000 - 0.207	----	----	1	----	----	0 -	23		
2395	0.069	0.069	0.069/*0.003A	0.069/*0.003A	----	0.000 - 0.180	----	----	24	----	----	0 -	65		
2400	0.050	0.050	0.052/*0.002	0.052/*0.002	----	0.000 - 0.155	----	----	8	----	----	0 -	8		
2405	0.005	0.005	0.166B/*0.002	0.166B/*0.002	----	0.000 - 0.134	----	----	3	----	----	0 -	16		
2410	0.037	0.037	0.141B/*0.003A	0.141B/*0.003A	----	0.000 - 0.114	----	----	2	----	----	0 -	4		
2415	0.021	0.021	0.117B/*0.003A	0.117B/*0.003A	----	0.000 - 0.098	----	----	1	----	----	0 -	43		
2420	0.020	0.020	0.020/*0.003A	0.020/*0.003A	----	0.000 - 0.083	----	----	5	----	----	0 -	63		
2425	0.049	0.049	0.049/*0.003	0.049/*0.003	----	0.000 - 0.070	----	----	1	----	----	0 -	103		
2430	0.012	0.012	0.012/*0.003A	0.012/*0.003A	----	0.000 - 0.060	----	----	----	----	----	0 -	5		
2435	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.051	----	----	13	----	----	0 -	15		
2440	0.020	0.020	0.020/*0.003A	0.020/*0.003A	----	0.000 - 0.043	----	----	----	----	----	0 -	1		
2445	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.037	----	----	----	----	----	0 -	172		
2450	----	----	----/*0.003A	----/*0.003A	----	0.000 NEW	----	----	2	----	----	0	UNCH		
2455	0.010	0.010	0.010/*0.003A	0.010/*0.003A	----	0.000 - 0.027	----	----	----	----	----	0 -	2		
2460	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.023	----	----	----	----	----	0 -	9		
2465	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.020	----	----	----	----	----	0 -	7		
2470	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.017	----	----	----	----	----	0 -	7		
2475	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.015	----	----	----	----	----	0 -	21		
2480	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.011	----	----	----	----	----	0 -	11		
2490	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.008	----	----	----	----	----	0 -	45		
2500	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.007	----	----	----	----	----	0 -	2		
2505	----	----	----/*0.002A	----/*0.002A	----	0.000 - 0.006	----	----	----	----	----	0 -	6		
2510	----	----	----/*0.002A	----/*0.002A	----	0.000 NEW	----	----	4	----	----	0	UNCH		
2515	0.001	0.001	0.001/*0.001	0.001/*0.001	----	0.000 - 0.005	----	----	----	5	----	0 -	5		
2520	----	----	----/*0.002A	----/*0.002A	----	0.000 - 0.004	----	----	8	----	----	0 -	12		
2525	0.001	0.001	0.001/*0.001	0.001/*0.001	----	0.000 - 0.004	----	----	----	----	----	0 -	2		
2530	----	----	----/*0.002A	----/*0.002A	----	0.000 - 0.003	----	----	----	----	----	0 -	2		
2535	----	----	----/*0.002A	----/*0.002A	----	0.000 - 0.002	----	----	15	----	----	0 -	22		
2550	0.001	0.001	0.001/0.001	0.001/0.001	----	0.000 - 0.001	----	----	----	----	----	0 -	17		
2600	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	22		
2625	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	25		
2650	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	3		
2700	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	4		
2750	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	8		
2775	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	899		
TOTAL										196	0	0 -	899		
S04 PUT	SILVER OPTIONS														
JAN23															
2025	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	1		
2075	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	1		
2150	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	14		
2175	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	15		
2200	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	40		
2225	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	2		
2240	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	1		
2250	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	8		
2260	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	1		
2265	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	5		
2270	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	1		
2275	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	85		
2280	----	----	----	----	----	0.000 - 0.001	----	----	----	----	----	0 -	5		
2285	----	----	----	----	----	0.000 - 0.002	----	----	----	----	----	0 -	6		
2290	----	----	----	----	----	0.000 - 0.002	----	----	----	----	----	0 -	1		
2300	----	----	----	----	----	0.000 - 0.003	----	----	----	----	----	0 -	18		
2305	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.004	----	----	5	----	----	0 -	8		
2310	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.005	----	----	----	----	----	0 -	2		
2315	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.006	----	----	----	----	----	0 -	2		
2320	0.009	0.009	0.009/*0.003A	0.009/*0.003A	----	0.000 - 0.008	----	----	1	----	----	0 -	2		
2325	0.011	0.011	0.014B/*0.003A	0.014B/*0.003A	----	0.000 - 0.010	----	----	2	----	----	0 -	2		
2330	0.015	0.015	0.024B/*0.003A	0.024B/*0.003A	----	0.000 - 0.012	----	----	5	----	----	0 -	16		
2335	0.001	0.001	0.038B/*0.001	0.038B/*0.001	----	0.000 - 0.015	----	----	3	----	----	0 -	14		
2340	0.017	0.017	0.061B/*0.001	0.061B/*0.001	----	0.000 - 0.018	----	----	4						

PG64	BULLETIN # 18@										METALS OPTION PRODUCTS					Fri, Jan 27, 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							
SWW WED	SILVER WEEKLY WEDNESDAY OPTION WEEK																		
FEB23																			
2325	----	----	0.402B/0.196A	0.402B/0.196A	----	0.313 + 0.098	.3635	----	----	----	----	100	UNCH						
2330	----	----	0.425B/0.210A	0.425B/0.210A	----	0.333 + 0.103	.3802	----	----	----	----	21	UNCH						
2340	----	----	0.598B/0.351A	0.598B/0.351A	----	0.504 + 0.126	.4282	----	----	----	----	1	UNCH						
2340	0.657	0.657	0.657/0.486A	0.657/0.486A	----	0.596	NEW .5860	----	----	4	----	4 +	4						
2340	0.311	0.311	0.419/0.280A	0.419/0.280A	----	0.397	NEW .6444	----	----	2	----	0	UNCH						
2345	----	----	----/0.256A	----/0.256A	----	0.366 - 0.314	.6141	----	----	----	----	3	UNCH						
2345	----	----	0.624B/0.368A	0.624B/0.368A	----	0.527 + 0.131	.4414	----	----	----	----	31	UNCH						
2345	----	----	----/0.588A	----/0.588A	----	0.699 - 0.266	.5584	----	----	----	----	19	UNCH						
2350	----	----	----/0.233A	----/0.233A	----	0.336 - 0.306	.5832	----	----	----	----	1	UNCH						
2350	0.169	0.169	0.326B/0.102A	0.326B/0.102A	----	0.214 + 0.092	.4167	----	51	----	----	53 +	46						
2350	----	----	0.528B/0.267A	0.528B/0.267A	----	0.420 + 0.126	.4481	----	----	----	----	42	UNCH						
2350	----	----	0.651B/0.386A	0.651B/0.386A	----	0.551 + 0.136	.4548	----	----	----	----	20	UNCH						
2360	----	----	0.585B/0.300A	0.585B/0.300A	----	0.469 + 0.139	.4826	----	----	----	----	2	UNCH						
2365	0.256	0.256	0.409B/0.136A	0.409B/0.136A	----	0.285	NEW .5127	----	2	----	----	1 +	1						
2370	----	----	0.645B/0.338A	0.645B/0.338A	----	0.522 + 0.152	.5170	----	----	----	----	3	UNCH						
2375	0.271	0.271	0.489B/0.165A	0.489B/0.165A	----	0.341 + 0.142	.5762	----	3	----	----	101 +	1						
2375	----	----	0.677B/0.358A	0.677B/0.358A	----	0.549 + 0.158	.5340	----	----	----	----	3	UNCH						
2380	----	----	0.447B/*0.131A	0.447B/*0.131A	----	0.193 - 0.245	.3928	----	8	----	----	22 +	2						
2385	----	----	0.734B/0.430A	0.734B/0.430A	----	0.607 + 0.172	.5676	----	----	----	----	6	UNCH						
2400	0.144	0.144	0.329B/*0.083A	0.329B/*0.083A	----	0.128 - 0.200	.2798	----	57	----	----	374 +	15						
2400	----	----	0.684B/0.285A	0.684B/0.285A	----	0.506 + 0.198	.7201	----	----	----	----	31	UNCH						
2400	0.270	0.270	0.270/0.255A	0.270/0.255A	----	0.323 - 0.204	.3835	----	1	----	----	1	UNCH						
2415	----	----	0.751B/0.362A	0.751B/0.362A	----	0.621 + 0.232	.7886	----	----	----	----	4	UNCH						
2420	0.091	0.091	0.257B/*0.055A	0.257B/*0.055A	----	0.084	NEW .1908	----	7	----	----	7 +	7						
2425	----	----	0.901B/0.421A	0.901B/0.421A	----	0.704 + 0.254	.8269	----	----	----	----	2	UNCH						
2425	----	----	0.442B/0.189A	0.442B/0.189A	----	0.243 - 0.171	.3078	----	----	----	----	100	UNCH						
2435	----	----	0.891B/0.483A	0.891B/0.483A	----	0.789 + 0.273	.8583	----	----	----	----	3	UNCH						
2440	----	----	0.380B/0.158A	0.380B/0.158A	----	0.204 - 0.152	.2671	----	----	----	----	3	UNCH						
2445	----	----	0.491B/0.249A	0.491B/0.249A	----	0.303 - 0.164	.3073	----	----	----	----	1	UNCH						
2450	----	----	0.472B/0.238A	0.472B/0.238A	----	0.290 - 0.158	.2967	----	----	----	----	1	UNCH						
2450	----	----	0.343B/*0.140A	0.343B/*0.140A	----	0.181 - 0.140	.2419	----	----	----	----	2	UNCH						
2450	0.831	0.831	1.131B/0.831	1.131B/0.831	----	0.923 + 0.300	.8971	----	3	----	----	5 +	3						
2465	0.055	0.055	0.114B/*0.025A	0.114B/*0.025A	----	0.033	NEW .0746	----	3	----	----	3 +	3						
2470	----	----	0.401B/0.197A	0.401B/0.197A	----	0.241 - 0.140	.2559	----	----	----	----	1	UNCH						
2470	----	----	0.102B/*0.023A	0.102B/*0.023A	----	0.030	NEW .0673	----	18	----	----	18 +	18						
2475	----	----	----/*0.021A	----/*0.021A	----	0.027 - 0.065	.0602	----	2	----	----	3 +	2						
2475	----	----	1.369B/----	1.369B/----	----	1.155 + 0.334	.9397	----	----	----	----	3	UNCH						
2500	----	----	1.464B/----	1.464B/----	----	1.394 + 0.356	.9655	----	----	----	----	2	UNCH						
2500	----	----	----/*0.016A	----/*0.016A	----	0.016 - 0.043	.0344	----	----	----	----	52	UNCH						
2525	----	----	1.540B/----	1.540B/----	----	1.637 + 0.370	.9796	----	----	----	----	1	UNCH						
2525	1.641	1.641	1.905B/1.641	1.905B/1.641	----	1.699	NEW .8920	----	1	----	----	1 +	1						
2525	----	----	0.251B/*0.116A	0.251B/*0.116A	----	0.144 - 0.096	.1656	----	----	----	----	1	UNCH						
2575	----	----	----/*0.008A	----/*0.008A	----	0.004 - 0.013	.0071	----	----	----	----	10	UNCH						
2575	----	----	2.380B/----	2.380B/----	----	2.167 + 0.356	.9380	----	----	----	----	1	UNCH						
2600	----	----	----/*0.007A	----/*0.007A	----	0.002 - 0.010	.0034	----	----	----	----	1	UNCH						
TOTAL										189	0	1422 +	127						

COPPER OPTIONS ON FUTURES

	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	
HWW MON JAN23													
COPPER WEEKLY MONDAY OPTION WEEK5													
375	----	----	----	----	----	0.4730 - 0.0450	.0000	----	----	----	----	10	UNCH
380	----	----	----	----	----	0.0005 UNCH	----	----	----	----	----	21	UNCH
380	----	----	----	----	----	0.4230 - 0.0450	.0000	----	----	----	----	11	UNCH
385	----	----	----	----	----	0.0005 UNCH	----	----	----	----	----	6	UNCH
385	----	----	----	----	----	0.3730 - 0.0450	.0000	----	----	----	----	7	UNCH
390	----	----	----	----	----	0.3230 - 0.0450	.0000	----	----	----	----	5	UNCH
395	----	----	----	----	----	0.0005 UNCH	.0000	----	----	----	----	10	UNCH
400	----	----	----	----	----	0.2230 - 0.0450	.9993	----	----	----	----	11	UNCH
410	0.0020	0.0020	0.0045B/*0.0015	0.0045B/*0.0015	----	0.0015 - 0.0005	.0273	----	----	2	----	11 +	1
410	----	----	----/0.1195A	----/0.1195A	----	0.1240 - 0.0455	.9725	----	----	----	----	10	UNCH
415	----	----	0.0155B/*0.0030	0.0155B/*0.0030	----	0.0055 + 0.0005	.1152	----	----	----	----	1	UNCH
420	0.0140	0.0140	0.0400B/*0.0070	0.0400B/*0.0070	----	0.0165 + 0.0040	.3438	----	----	3	----	11	UNCH
420	----	----	0.0895B/0.0180A	0.0895B/0.0180A	----	0.0390 - 0.0410	.6560	----	----	----	----	20	UNCH
425	0.0250	0.0250	0.0790B/*0.0180	0.0790B/*0.0180	----	0.0420 + 0.0135	.6847	----	----	2	----	6	UNCH
425	----	----	0.0545B/0.0070A	0.0545B/0.0070A	----	0.0145 - 0.0315	.3151	----	----	----	----	1	UNCH
430	----	----	0.1250B/*0.0425	0.1250B/*0.0425	----	0.0815 + 0.0260	.9097	----	----	----	----	1	UNCH
430	----	----	0.0280B/*0.0030	0.0280B/*0.0030	----	0.0040 NEW	.0902	----	----	1	----	1 +	1
450	----	----	----	----	----	0.0005 UNCH	.0000	----	----	----	----	4	UNCH
TOTAL										8		147 +	2
FEB23													
360	----	----	----	----	----	0.0005 UNCH	.0020	----	----	----	----	11	UNCH
365	----	----	----	----	----	0.0020 UNCH	.0155	----	----	----	----	10	UNCH
365	----	----	----	----	----	0.0005 UNCH	.0043	----	----	----	----	5	UNCH
370	----	----	----	----	----	0.0010 UNCH	.0086	----	----	----	----	1	UNCH
375	----	----	----	----	----	0.0015 + 0.0005	.0132	----	----	----	----	1	UNCH
375	----	----	----	----	----	0.4735 - 0.0450	.9867	----	----	----	----	3	UNCH
380	----	----	----	----	----	0.0020 + 0.0005	.0184	----	----	----	----	7	UNCH
390	----	----	0.0045B/*0.0030	0.0045B/*0.0030	----	0.0040 + 0.0005	.0395	----	----	----	----	2	UNCH
395	----	----	0.0190B/----	0.0190B/----	----	0.0135 + 0.0035	.1071	----	----	----	----	12	UNCH
395	----	----	----	----	----	0.2785 - 0.0435	.9360	----	----	----	----	11	UNCH
400	----	----	0.0140B/*0.0065	0.0140B/*0.0065	----	0.0095 + 0.0020	.0946	----	----	----	----	1	UNCH
400	----	----	0.2840B/0.1910A	0.2840B/0.1910A	----	0.2320 - 0.0425	.9051	----	----	----	----	2	UNCH
405	----	----	0.0235B/*0.0100	0.0235B/*0.0100	----	0.0155 + 0.0040	.1486	----	----	----	----	10	UNCH
405	0.0650	0.0650	#0.0675B/0.0440	#0.0675B/0.0440	----	0.0560 NEW	.2675	----	----	21	----	21 +	21
405	----	----	0.2465B/0.1680A	0.2465B/0.1680A	----	0.2025 - 0.0370	.7879	----	----	----	----	2	UNCH
410	----	----	0.0580B/*0.0305	0.0580B/*0.0305	----	0.0435 + 0.0105	.2831	----	----	----	----	1	UNCH
410	----	----	0.0375B/*0.0155	0.0375B/*0.0155	----	0.0245 + 0.0065	.2233	----	----	----	----	1	UNCH
410	----	----	#0.0860B/0.0565	#0.0860B/0.0565	----	0.0725 + 0.0140	.3238	----	----	----	----	20	UNCH
415	0.0540	0.0540	0.0790B/*0.0430	0.0790B/*0.0430	----	0.0610 NEW	.3638	----	----	2	----	2 +	2
415	0.0530	0.0530	0.0570B/*0.0250	0.0570B/*0.0250	----	0.0380 + 0.0100	.3211	----	----	1	----	1	UNCH
415	----	----	0.1565B/0.0835A	0.1565B/0.0835A	----	0.1105 - 0.0350	.6785	----	----	----	----	20	UNCH
415	----	----	#0.1080B/0.0725	#0.1080B/0.0725	----	0.0915 + 0.0165	.3830	----	----	----	----	7	UNCH
420	----	----	0.1045B/*0.0590	0.1045B/*0.0590	----	0.0825 + 0.0175	.4496	----	----	----	----	1	UNCH
420	----	----	0.1205B/0.0585A	0.1205B/0.0585A	----	0.0805 - 0.0305	.5620	----	----	----	----	1	UNCH
420	----	----	0.1425B/*0.0805	0.1425B/*0.0805	----	0.1050 - 0.0275	.5498	----	----	----	----	27	UNCH
425	----	----	0.1350B/*0.0800	0.1350B/*0.0800	----	0.1085 + 0.0210	.5364	----	----	----	----	11	UNCH
425	----	----	0.0915B/0.0400A	0.0915B/0.0400A	----	0.0565 - 0.0255	.4417	----	----	----	----	5	UNCH
425	----	----	#0.1620B/0.1125	#0.1620B/0.1125	----	0.1395 + 0.0220	.5068	----	----	----	----	6	UNCH
425	----	----	0.1135B/*0.0610	0.1135B/*0.0610	----	0.0815 - 0.0235	.4631	----	----	----	----	15	UNCH
430	----	----	0.1695B/0.1050A	0.1695B/0.1050A	----	0.1390 + 0.0250	.6201	----	----	----	----	7	UNCH
430	0.1235	0.1235	0.1505B/*0.0825	0.1505B/*0.0825	----	0.1160 NEW	.6683	----	----	1	----	1 +	1
430	----	----	#0.1940B/0.1375	#0.1940B/0.1375	----	0.1680 + 0.0245	.5675	----	----	----	----	20	UNCH
435	----	----	0.0465B/0.0180A	0.0465B/0.0180A	----	0.0260 - 0.0155	.2375	----	----	----	----	1	UNCH
440	0.0125	0.0125	0.0315B/0.0120A	0.0315B/0.0120A	----	0.0170 - 0.0115	.1640	----	----	5	----	16 +	5
445	----	----	0.0210B/0.0080A	0.0210B/0.0080A	----	0.0110 - 0.0080	.1102	----	----	----	----	8	UNCH
445	----	----	0.0375B/*0.0180	0.0375B/*0.0180	----	0.0240 - 0.0100	.1792	----	----	----	----	3	UNCH
455	----	----	0.0085B/*0.0035	0.0085B/*0.0035	----	0.0045 - 0.0035	.0469	----	----	----	----	10	UNCH
460	----	----	0.0135B/*0.0065	0.0135B/*0.0065	----	0.0080 - 0.0045	.0685	----	----	----	----	10	UNCH
465	----	----	----/0.0020A	----/0.0020A	----	0.0020 - 0.0015	.0205	----	----	----	----	7	UNCH
470	----	----	----/0.0035A	----/0.0035A	----	0.0035 - 0.0030	.0321	----	----	----	----	3	UNCH
475	----	----	----	----	----	0.0005 - 0.0010	.0054	----	----	----	----	1	UNCH
TOTAL										30		304 +	25
HWW WED FEB23													
COPPER WEEKLY WEDNESDAY OPTION WEEK													
300	----	----	----	----	----	0.0005 UNCH	----	----	----	----	----	5	UNCH
370	----	----	----	----	----	0.0005 UNCH	.0000	----	----	----	----	10	UNCH
370	----	----	----	----	----	0.0015 UNCH	.0126	----	----	----	----	2	UNCH
375	----	----	----	----	----	0.0005 UNCH	.0000	----	----	----	----	5	UNCH
380	----	----	----	----	----	0.0005 UNCH	.0003	----	----	----	----	6	UNCH
380	----	----	0.0025B/----	0.0025B/----	----	0.0025 + 0.0005	.0228	----	----	----	----	2	UNCH
380	----	----	----	----	----	0.4230 - 0.0450	.9999	----	----	----	----	10	UNCH
385	----	----	----	----	----	0.0005 UNCH	.0015	----	----	----	----	10	UNCH
400	----	----	0.0035B/----	0.0035B/----	----	0.0020 UNCH	.0261	----	----	1	----	1 +	1
400	----	----	0.2750B/0.1805A	0.2750B/0.1805A	----	0.2245 - 0.0450	.9738	----	----	----	----	12	UNCH
405	----	----	----/0.1570A	----/0.1570A	----	0.1935 - 0.0390	.8212	----	----	----	----	1	UNCH
410	----	----	0.0180B/*0.0055	0.0180B/*0.0055	----	0.0090 NEW	.1238	----	----	6	----	6 +	6
415	----	----	0.0345B/*0.0100	0.0345B/*0.0100	----	0.0185 + 0.0050	.2412	----	----	----	----	25	UNCH
415	----	----	0.0660B/*0.0320	0.0660B/*0.0320	----	0.0475 + 0.0110	.3422	----	----	----	----	3	UNCH

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														
397	----	----	----/0.2470A	----/0.2470A	----	0.2855	- 0.0375	.8126	----	----	----	77	UNCH	
398	----	----	----/0.2395A	----/0.2395A	----	0.2775	- 0.0370	.8035	----	----	----	12	UNCH	
399	----	----	0.3155B/0.2320A	0.3155B/0.2320A	----	0.2700	- 0.0360	.7944	----	----	----	42	UNCH	
400	----	----	0.3115B/0.2250A	0.3115B/0.2250A	----	0.2620	- 0.0360	.7852	----	9	----	2914	UNCH	
401	----	----	0.3035B/0.2175A	0.3035B/0.2175A	----	0.2545	- 0.0355	.7748	----	----	----	7	UNCH	
402	----	----	0.2955B/0.2105A	0.2955B/0.2105A	----	0.2470	- 0.0350	.7644	----	----	----	8	UNCH	
403	----	----	0.2875B/0.2040A	0.2875B/0.2040A	----	0.2395	- 0.0345	.7540	----	----	----	65	UNCH	
404	----	----	0.2790B/0.1970A	0.2790B/0.1970A	----	0.2320	- 0.0340	.7435	----	----	----	45	UNCH	
405	----	----	0.2715B/0.1905A	0.2715B/0.1905A	----	0.2250	- 0.0335	.7321	----	5	----	277	UNCH	
406	----	----	0.2635B/0.1840A	0.2635B/0.1840A	----	0.2180	- 0.0330	.7206	----	----	----	21	UNCH	
407	----	----	0.2565B/0.1780A	0.2565B/0.1780A	----	0.2110	- 0.0325	.7091	----	----	----	77	UNCH	
408	----	----	0.2490B/0.1715A	0.2490B/0.1715A	----	0.2045	- 0.0315	.6976	----	----	----	920	UNCH	
409	----	----	0.2415B/0.1655A	0.2415B/0.1655A	----	0.1975	- 0.0315	.6853	----	----	----	108	UNCH	
410	----	----	0.2340B/0.1595A	0.2340B/0.1595A	----	0.1910	- 0.0305	.6731	----	----	----	1416	UNCH	
412	----	----	0.2195B/*0.1485	0.2195B/*0.1485	----	0.1785	- 0.0295	.6480	----	----	----	2	UNCH	
413	----	----	0.2130B/*0.1430	0.2130B/*0.1430	----	0.1725	- 0.0285	.6352	----	----	----	220	UNCH	
414	----	----	0.2060B/0.1375A	0.2060B/0.1375A	----	0.1665	- 0.0280	.6224	----	----	----	19	UNCH	
415	----	----	0.2000B/0.1325A	0.2000B/0.1325A	----	0.1610	- 0.0270	.6096	----	5	----	341	UNCH	
416	0.1500	0.1500	0.1930B/*0.1275	0.1930B/*0.1275	----	0.1550	- 0.0270	.5964	----	5	----	55	+	
417	----	----	0.1865B/*0.1225	0.1865B/*0.1225	----	0.1495	- 0.0265	.5836	----	----	----	25	UNCH	
418	----	----	0.1805B/*0.1180	0.1805B/*0.1180	----	0.1440	- 0.0260	.5702	----	----	----	20	UNCH	
419	----	----	0.1750B/*0.1135	0.1750B/*0.1135	----	0.1390	- 0.0250	.5571	----	10	----	14	UNCH	
420	----	----	0.1690B/0.1090A	0.1690B/0.1090A	----	0.1340	- 0.0245	.5439	----	17	----	1419	-	
421	----	----	0.1635B/*0.1045	0.1635B/*0.1045	----	0.1290	- 0.0235	.5307	----	27	----	36	+	
422	----	----	0.1575B/*0.1005	0.1575B/*0.1005	----	0.1240	- 0.0235	.5175	----	----	----	39	UNCH	
423	----	----	0.1520B/*0.0970	0.1520B/*0.0970	----	0.1195	- 0.0225	.5044	----	----	----	47	UNCH	
424	----	----	0.1470B/*0.0930	0.1470B/*0.0930	----	0.1145	- 0.0225	.4912	----	----	----	34	UNCH	
425	----	----	0.1415B/0.0890A	0.1415B/0.0890A	----	0.1105	- 0.0210	.4783	----	17	----	2444	UNCH	
426	0.1005	0.1005	0.1365B/*0.0855	0.1365B/*0.0855	----	0.1060	- 0.0210	.4652	----	3	----	15	UNCH	
427	----	----	0.1315B/*0.0820	0.1315B/*0.0820	----	0.1020	- 0.0200	.4525	----	----	----	21	UNCH	
428	----	----	0.1265B/*0.0785	0.1265B/*0.0785	----	0.0975	- 0.0200	.4394	----	----	----	15	UNCH	
429	----	----	0.1215B/*0.0750	0.1215B/*0.0750	----	0.0940	- 0.0190	.4271	----	----	----	4	UNCH	
430	0.0930	0.0930	0.1170B/0.0715A	0.1170B/0.0715A	----	0.0900	- 0.0185	.4145	----	4	----	588	-	
431	----	----	0.1125B/*0.0685	0.1125B/*0.0685	----	0.0860	- 0.0180	.4018	----	----	----	1	UNCH	
432	----	----	0.1085B/*0.0655	0.1085B/*0.0655	----	0.0825	- 0.0175	.3896	----	----	----	8	UNCH	
433	0.0815	0.0815	0.1040B/*0.0630	0.1040B/*0.0630	----	0.0790	- 0.0170	.3775	----	1	----	27	+	
434	0.0605	0.0605	0.1000B/*0.0600	0.1000B/*0.0600	----	0.0755	- 0.0165	.3654	----	13	----	21	+	
435	0.0785	0.0785	0.0960B/0.0575A	0.0960B/0.0575A	----	0.0725	- 0.0160	.3540	----	41	----	1157	-	
436	----	----	0.0920B/*0.0550	0.0920B/*0.0550	----	0.0695	- 0.0155	.3427	----	----	----	10	UNCH	
438	----	----	0.0850B/*0.0500	0.0850B/*0.0500	----	0.0635	- 0.0145	.3201	----	----	----	11	UNCH	
439	0.0750	0.0750	0.0815B/*0.0480	0.0815B/*0.0480	----	0.0605	- NEW	.3088	----	10	----	10	+	
440	0.0745	0.0745	0.0780B/0.0455A	0.0780B/0.0455A	----	0.0580	- 0.0135	.2985	----	198	----	2663	+	
441	0.0585	0.0585	0.0745B/*0.0435	0.0745B/*0.0435	----	0.0555	- 0.0130	.2882	----	26	----	49	+	
442	0.0555	0.0555	0.0715B/*0.0415	0.0715B/*0.0415	----	0.0530	- 0.0125	.2779	----	17	----	53	+	
443	0.0530	0.0530	0.0685B/*0.0400	0.0685B/*0.0400	----	0.0510	- 0.0120	.2688	----	12	----	50	+	
444	0.0505	0.0505	0.0655B/*0.0380	0.0655B/*0.0380	----	0.0485	- 0.0115	.2587	----	10	----	33	+	
445	0.0615	0.0615	0.0630B/0.0360A	0.0630B/0.0360A	----	0.0465	- 0.0110	.2497	----	35	----	1066	+	
446	0.0460	0.0460	0.0600B/*0.0345	0.0600B/*0.0345	----	0.0445	- 0.0105	.2407	----	12	----	68	+	
447	0.0440	0.0440	#0.0450/*0.0330	#0.0450/*0.0330	----	0.0420	- NEW	.2306	----	62	----	61	+	
450	0.0450	0.0450	0.0500B/0.0280	0.0500B/0.0280	----	0.0360	- 0.0095	.2039	----	1216	641	8450	+	
455	0.0295	0.0295	0.0395B/0.0220A	0.0395B/0.0220A	----	0.0280	- 0.0080	.1655	----	73	----	108	+	
460	0.0225	0.0225	0.0305B/0.0165A	0.0305B/0.0165A	----	0.0215	- 0.0065	.1324	----	113	----	794	+	
465	0.0175	0.0175	0.0240B/0.0125A	0.0240B/0.0125A	----	0.0165	- 0.0050	.1052	----	71	----	511	+	
470	0.0085	0.0085	0.0180B/0.0085	0.0180B/0.0085	----	0.0125	- 0.0045	.0825	----	344	641	1523	+	
475	0.0075	0.0075	0.0140B/0.0070	0.0140B/0.0070	----	0.0090	- 0.0040	.0622	----	954	641	5817	+	
480	0.0045	0.0045	0.0105B/*0.0045	0.0105B/*0.0045	----	0.0070	- 0.0030	.0492	----	84	----	881	+	
485	0.0040	0.0040	0.0045/*0.0040	0.0045/*0.0040	----	0.0050	- 0.0030	.0364	----	7	----	111	+	
490	0.0050	0.0050	0.0050/*0.0025	0.0050/*0.0025	----	0.0035	- 0.0025	.0264	----	17	----	65	-	
495	0.0020	0.0020	0.0020/*0.0015	0.0020/*0.0015	----	0.0025	- 0.0020	.0194	----	24	----	24	+	
500	0.0025	0.0025	0.0025/*0.0020A	0.0025/*0.0020A	----	0.0020	- 0.0015	.0155	----	3	----	126	UNCH	
505	----	----	---/*0.0015A	---/*0.0015A	----	0.0015	- 0.0015	.0118	----	----	----	12	UNCH	
510	----	----	---/*0.0010A	---/*0.0010A	----	0.0010	- 0.0015	.0081	----	----	----	34	UNCH	
515	----	----	---/*0.0010A	---/*0.0010A	----	0.0005	- 0.0015	.0043	----	----	----	10	UNCH	
520	----	----	---/*0.0010A	---/*0.0010A	----	0.0005	- 0.0010	.0029	----	----	----	19	UNCH	
525	----	----	----	----	----	0.0005	- 0.0005	.0019	----	----	----	1	UNCH	
535	----	----	----	----	----	0.0005	- UNCH	.0008	----	----	----	8	UNCH	
540	----	----	----	----	----	0.0005	- UNCH	.0005	----	----	----	5	UNCH	
545	----	----	----	----	----	0.0005	- UNCH	.0003	----	21	----	21	+	
550	0.0005	0.0005	0.0005/*0.0005	0.0005/*0.0005	----	0.0005	- UNCH	.0002	----	1	----	32	UNCH	
625	----	----	----	----	----	0.0005	- UNCH	----	----	----	----	3	UNCH	
700	----	----	----	----	----	0.0005	- UNCH	----	----	----	----	30	UNCH	
825	----	----	----	----	----	0.0005	- UNCH	----	----	----	----	1	UNCH	
TOTAL													41819	3003
APR23														
335	----	----	0.8850B/0.7925A	0.8850B/0.7925A	----	0.8850	- 0.0435	.9722	----	----	----	6	UNCH	
340	----	----	0.7930B/0.6975A	0.7930B/0.6975A	----	0.8365	- 0.0430	.9660	----	----	----	16	UNCH	
350	----	----	----	----	----	0.7410	- 0.0420	.9484	----	----	----	17	UNCH	
355	----	----	----	----	----	0.6940	- 0.0415	.9370	----	----	----	19	UNCH	
365	----	----	----	----	----	0.6025	- 0.0405	.9080	----	----	----	56	UNCH	
367	----	----	0.6065B/0.5180A	0.6065B/0.5180A	----	0.5845	- 0.0405	.9010	----	----	----	1	UNCH	
370	----	----	----	----	----	0.5585	- 0.0395	.8892	----	----	----	1	UNCH	
373	----	----	0.5195B/0.4340A	0.5195B/0.4340A	----	0.5325	- 0.0390	.8762	----	----	----	7	UNCH	
380	----	----	0.4785B/0.3950A	0.4785B/0.3950A	----	0.4740	- 0.0370	.8410	----	----	----	44	UNCH	
381	----	----	----/0.4260A	----/0.4260A	----	0.4660	- 0.0365	.8353	----	----	----	19	UNCH	
385	----	----	0.4420B/0.3585A	0.4420B/0.3585A	----	0.4340	- 0.0350	.8124	----	----	----	15	UNCH	
390	----	----	0.4340B/0.3515A	0.4340B/0.3515A	----	0.3960	- 0.0335	.7812	----	----	----	260	UNCH	
391	----	----	0.4035B/0.3235A	0.4035B/0.3235A	----	0.3885	- 0.0330	.7746	----	----	----	2	UNCH	
395	0.3320	0.3320	0.3810B/0.3035A	0.3810B/0.3035A	----	0.3595	- 0.0315	.7475	----	1	----	21	UNCH	
398	----	----	0.3665B/0.2910A	0.3665B/0.2910A	----	0.3385	- 0.0305	.7258	----	----	----	7	UNCH	
400	0.2980	0.2980	0.3385B/0.2665A	0.3385B/0.2665A	----	0.3250	- 0.0295	.7108	----	2	----	978	UNCH	
404	----	----	0.3310B/0.2605A	0.3310B/0.2605A	----	0.2990	- 0.0280	.6803	----	----	----	1	UNCH	
405	----	----	0.3245B/0.2545A	0.3245B/0.2545A	----	0.2925	- 0.0280	.6725	----	----	----	22	UNCH	
406	----	----	0.2980B/0.2320A	0.2980B/0.2320A	----	0.2865	- 0.0275	.6644	----	----	----	30	UNCH	
410	----	----	0.2730B/0.2110A	0.2730B/0.2110A	----	0.2620	- 0.0260	.6323	----	1	----	179	-	
414	----	----	0.2670B/0.2060A	0.2670B/0.2060A	----	0.2395	- 0.0245	.5993	----	----	----	2	UNCH	
415	----	----	0.2615B/0.2010A	0.2615B/0.2010A	----	0.2340	- 0.0240	.5910	----	----	----	79	UNCH	
416	----	----	0.2570B/0.1960A	0.2570B/0.1960A	----	0.2285	- 0.0235	.5827	----	----	----	50	UNCH	
417	----	----	0.2515B/0.1915A	0.2515B/0.1915A	----	0.2235	- 0.0230	.5743	----	----	----	1	UNCH	
418	----	----	0.2455B/0.1870A	0.2455B/0.1870A	----	0.2180								



2023 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>

CME Group, Inc.

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

Customer Service: (312) 930-1000

FINAL

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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			
HX CALL	COMEX COPPER OPTIONS																						
APR23																							
575	----	----	----	----	----	----	----	----			0.0030 - 0.0005	.0137	----	----	----	----				15		UNCH	
600	----	----	----	----	----	----	----	----			0.0015 - 0.0005	.0070	----	----	----	----				2		UNCH	
700	----	----	----	----	----	----	----	----			0.0005 UNCH	.0004	----	----	----	----				1		UNCH	
800	----	----	----	----	----	----	----	----			0.0005 UNCH	.0000	----	----	----	----				8		UNCH	
TOTAL															392					21364+		138	
MAY23																							
350	----	----	----	0.8040B/0.7125A	0.8040B/0.7125A	----	----	----			0.7540 - 0.0405	.9143	----	----	----	----				110		UNCH	
355	----	----	----	----	----	----	----	----			0.7090 - 0.0400	.9002	----	----	----	----				4		UNCH	
365	----	----	----	----	----	----	----	----			0.6230 - 0.0380	.8651	----	----	----	----				4		UNCH	
370	----	----	----	0.6285B/0.5425A	0.6285B/0.5425A	----	----	----			0.5820 - 0.0365	.8444	----	----	----	----				25		UNCH	
375	----	----	----	0.5860B/0.5035A	0.5860B/0.5035A	----	----	----			0.5420 - 0.0355	.8220	----	----	----	----				28		UNCH	
380	----	----	----	0.5490B/0.4655A	0.5490B/0.4655A	----	----	----			0.5035 - 0.0340	.7968	----	----	----	----				185		UNCH	
385	0.4520	0.4520		0.5105B/0.4295A	0.5105B/0.4295A	----	----	----			0.4660 - 0.0330	.7704	----	----	1	----				22		UNCH	
390	----	----	----	0.4730B/0.3950A	0.4730B/0.3950A	----	----	----			0.4305 - 0.0315	.7423	----	----	----	----				55		UNCH	
395	----	----	----	0.4365B/0.3625A	0.4365B/0.3625A	----	----	----			0.3965 - 0.0300	.7127	----	----	----	----				21		UNCH	
400	----	----	----	0.4025B/0.3315A	0.4025B/0.3315A	----	----	----			0.3640 - 0.0285	.6819	----	----	----	----				57		UNCH	
405	----	----	----	0.3700B/0.3030A	0.3700B/0.3030A	----	----	----			0.3335 - 0.0270	.6497	----	----	----	----				10		UNCH	
410	0.2825	0.2825		0.3395B/0.2760A	0.3395B/0.2760A	----	----	----			0.3045 - 0.0255	.6166	----	----	1	----				6		UNCH	
415	----	----	----	0.3105B/0.2505A	0.3105B/0.2505A	----	----	----			0.2775 - 0.0240	.5831	----	----	----	----				52		UNCH	
419	0.2515	0.2515		#0.2515/*0.2515	#0.2515/*0.2515	----	----	----			0.2575 NEW	.5560	----	----	12	----				12	+	12	
420	----	----	----	0.2850B/0.2265A	0.2850B/0.2265A	----	----	----			0.2525 - 0.0220	.5492	----	----	----	----				236		UNCH	
425	----	----	----	0.2595B/0.2045A	0.2595B/0.2045A	----	----	----			0.2290 - 0.0205	.5154	----	----	1	----				301	-	1	
430	----	----	----	0.2355B/0.1845A	0.2355B/0.1845A	----	----	----			0.2075 - 0.0190	.4821	----	----	----	----				199		UNCH	
435	0.2130	0.2130		0.2130/0.1660A	0.2130/0.1660A	----	----	----			0.1870 - 0.0180	.4492	----	----	16	----				31	+	16	
440	0.1925	0.1925		0.1925/0.1485A	0.1925/0.1485A	----	----	----			0.1685 - 0.0165	.4173	----	----	7	----				78	-	1	
445	0.1710	0.1710		0.1735B/0.1330A	0.1735B/0.1330A	----	----	----			0.1515 - 0.0155	.3864	----	----	1	----				43	+	1	
450	----	----	----	0.1560B/0.1190A	0.1560B/0.1190A	----	----	----			0.1360 - 0.0140	.3568	----	----	126	----				815	+	39	
455	----	----	----	0.1400B/0.1060A	0.1400B/0.1060A	----	----	----			0.1215 - 0.0130	.3281	----	----	----	----				10		UNCH	
460	----	----	----	0.1255B/0.0945A	0.1255B/0.0945A	----	----	----			0.1085 - 0.0120	.3010	----	----	----	----				27		UNCH	
470	----	----	----	0.1000B/0.0745A	0.1000B/0.0745A	----	----	----			0.0860 - 0.0105	.2510	----	----	----	----				53		UNCH	
475	----	----	----	0.0895B/0.0660A	0.0895B/0.0660A	----	----	----			0.0760 - 0.0100	.2278	----	----	----	----				236		UNCH	
480	----	----	----	0.0795B/0.0585A	0.0795B/0.0585A	----	----	----			0.0675 - 0.0090	.2069	----	----	----	----				16		UNCH	
485	----	----	----	0.0710B/0.0520A	0.0710B/0.0520A	----	----	----			0.0600 - 0.0085	.1876	----	----	----	----				7		UNCH	
490	----	----	----	0.0630B/0.0460A	0.0630B/0.0460A	----	----	----			0.0535 - 0.0075	.1703	----	----	125	----				524	+	68	
495	----	----	----	0.0560B/0.0410A	0.0560B/0.0410A	----	----	----			0.0475 - 0.0065	.1540	----	----	----	----				3		UNCH	
500	----	----	----	0.0500B/0.0360A	0.0500B/0.0360A	----	----	----			0.0420 - 0.0060	.1387	----	----	----	----				257		UNCH	
505	----	----	----	0.0445B/0.0320A	0.0445B/0.0320A	----	----	----			0.0375 - 0.0055	.1256	----	----	----	----				10		UNCH	
510	----	----	----	0.0395B/0.0285A	0.0395B/0.0285A	----	----	----			0.0330 - 0.0050	.1126	----	----	----	----				110		UNCH	
520	----	----	----	0.0310B/0.0230A	0.0310B/0.0230A	----	----	----			0.0260 - 0.0040	.0912	----	----	----	----				5		UNCH	
525	----	----	----	0.0280B/0.0205A	0.0280B/0.0205A	----	----	----			0.0230 - 0.0040	.0819	----	----	----	----				115		UNCH	
530	0.0230	0.0230		0.0250B/0.0185A	0.0250B/0.0185A	----	----	----			0.0205 - 0.0035	.0738	----	----	10	----				20	+	10	
535	----	----	----	0.0220B/0.0165A	0.0220B/0.0165A	----	----	----			0.0185 - 0.0030	.0670	----	----	----	----				10		UNCH	
540	----	----	----	0.0200B/0.0150A	0.0200B/0.0150A	----	----	----			0.0165 - 0.0030	.0604	----	----	----	----				2		UNCH	
550	----	----	----	0.0160B/0.0120A	0.0160B/0.0120A	----	----	----			0.0130 - 0.0025	.0486	----	----	----	----				53		UNCH	
560	----	----	----	----/0.0100A	----/0.0100A	----	----	----			0.0105 - 0.0020	.0397	----	----	----	----				11		UNCH	
565	----	----	----	----/0.0090A	----/0.0090A	----	----	----			0.0095 - 0.0020	.0361	----	----	----	----				10		UNCH	
600	----	----	----	----/0.0055A	----/0.0055A	----	----	----			0.0055 - 0.0010	.0208	----	----	----	----				7		UNCH	
650	----	----	----	----	----	----	----	----			0.0030 - 0.0005	.0110	----	----	----	----				10		UNCH	
800	----	----	----	----	----	----	----	----			0.0010 UNCH	.0032	----	----	----	----				12		UNCH	
825	----	----	----	----	----	----	----	----			0.0010 UNCH	.0031	----	----	----	----				1		UNCH	
TOTAL															300					3803+		144	
JUN23																							
260	----	----	----	----	----	----	----	----			1.6350 - 0.0430	.9891	----	----	----	----				1		UNCH	
355	----	----	----	----	----	----	----	----			0.7330 - 0.0380	.8655	----	----	----	----				8		UNCH	
370	----	----	----	0.6590B/0.5755A	0.6590B/0.5755A	----	----	----			0.6125 - 0.0350	.8103	----	----	----	----				9		UNCH	
380	----	----	----	0.5815B/0.5030A	0.5815B/0.5030A	----	----	----			0.5385 - 0.0320	.7662	----	----	----	----				2		UNCH	
385	----	----	----	0.5450B/0.4690A	0																		

BULLETIN # 18@				METALS OPTION PRODUCTS								Fri, Jan 27, 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																
AUG23																	
425	----	----		0.3710B/0.3195A	0.3710B/0.3195A	----			0.3420 - 0.0210	.5342	----	----	----	----	4	UNCH	
430	----	----		0.3480B/0.2990A	0.3480B/0.2990A	----			0.3205 - 0.0200	.5117	----	----	----	----	3	UNCH	
450	----	----		0.2670B/0.2275A	0.2670B/0.2275A	----			0.2450 - 0.0160	.4249	----	----	----	----	75	UNCH	
470	----	----		0.2025B/0.1720A	0.2025B/0.1720A	----			0.1855 - 0.0130	.3463	----	----	----	----	1	UNCH	
500	----	----		0.1325B/0.1130A	0.1325B/0.1130A	----			0.1215 - 0.0095	.2486	----	----	----	----	6	UNCH	
515	----	----		0.1070B/0.0920A	0.1070B/0.0920A	----			0.0980 - 0.0085	.2087	----	----	----	----	1	UNCH	
825	----	----		----/0.0060A	----/0.0060A	----			0.0050 - 0.0015	.0126	----	----	----	----	9	UNCH	
TOTAL																140	
SEP23																	
425	----	----		0.3950B/0.3535A	0.3950B/0.3535A	----			0.3725 - 0.0215	.5383	----	----	----	----	33	UNCH	
430	----	----		0.3725B/0.3330A	0.3725B/0.3330A	----			0.3505 - 0.0210	.5175	----	----	----	----	1	UNCH	
465	----	----		----/0.2165A	----/0.2165A	----			0.2280 - 0.0150	.3821	----	----	----	----	20	UNCH	
475	----	----		----/0.1910A	----/0.1910A	----			0.2010 - 0.0135	.3477	----	----	----	----	10	UNCH	
500	----	----		----/0.1400A	----/0.1400A	----			0.1465 - 0.0100	.2717	----	----	----	----	17	UNCH	
505	----	----		----/0.1315A	----/0.1315A	----			0.1375 - 0.0095	.2583	----	----	----	----	1	UNCH	
515	----	----		----/0.1160A	----/0.1160A	----			0.1210 - 0.0090	.2329	----	----	----	----	54	UNCH	
520	----	----		----/*0.1090A	----/*0.1090A	----			0.1135 - 0.0085	.2211	----	----	----	----	1	UNCH	
530	----	----		----/*0.0965A	----/*0.0965A	----			0.1000 - 0.0080	.1991	----	----	----	----	300	UNCH	
545	----	----		----/*0.0805A	----/*0.0805A	----			0.0830 - 0.0070	.1701	----	----	----	----	10	UNCH	
550	----	----		----/*0.0755A	----/*0.0755A	----			0.0780 - 0.0070	.1614	----	----	----	----	20	UNCH	
575	----	----		----/*0.0565A	----/*0.0565A	----			0.0575 - 0.0060	.1239	----	----	----	----	34	UNCH	
825	----	----		----	----	----			0.0060 - 0.0005	.0147	----	----	----	----	200	UNCH	
TOTAL																701	
OCT23																	
450	----	----		----/0.2865A	----/0.2865A	----			0.2985 - 0.0175	.4463	----	----	----	----	1	UNCH	
470	----	----		----/0.2280A	----/0.2280A	----			0.2370 - 0.0150	.3774	----	----	----	----	300	UNCH	
500	----	----		----/0.1615A	----/0.1615A	----			0.1670 - 0.0115	.2883	----	----	----	----	1	UNCH	
650	----	----		----/0.0350A	----/0.0350A	----			0.0325 - 0.0035	.0703	----	----	----	----	0	UNCH	
TOTAL																302	
NOV23																	
415	----	----		----/0.4495A	----/0.4495A	----			0.4670 - 0.0225	.5813	----	----	----	----	40	UNCH	
530	----	----		----/0.1340A	----/0.1340A	----			0.1360 - 0.0095	.2343	----	----	----	----	25	UNCH	
700	0.0285	0.0285		0.0285/*0.0285	0.0285/*0.0285	----			0.0265 NEW	.0554	----	----	1	----	1 +	1	
TOTAL													1		66 +	1	
DEC23																	
350	----	----		----/0.8550A	----/0.8550A	----			0.8805 - 0.0320	.7911	----	----	----	----	5	UNCH	
420	----	----		----/*0.4530A	----/*0.4530A	----			0.4670 - 0.0270	.5649	----	----	----	----	4	UNCH	
425	----	----		----/*0.4315A	----/*0.4315A	----			0.4445 - 0.0265	.5474	----	----	----	----	170	UNCH	
435	----	----		----/*0.3915A	----/*0.3915A	----			0.4025 - 0.0255	.5129	----	----	----	----	210	UNCH	
450	----	----		----/*0.3375A	----/*0.3375A	----			0.3465 - 0.0230	.4629	----	----	----	----	300	UNCH	
465	----	----		----/*0.2905A	----/*0.2905A	----			0.2975 - 0.0205	.4155	----	----	----	----	1	UNCH	
470	----	----		----/*0.2765A	----/*0.2765A	----			0.2830 - 0.0195	.4005	----	----	----	----	4	UNCH	
475	----	----		----/*0.2635A	----/*0.2635A	----			0.2690 - 0.0185	.3858	----	----	----	----	170	UNCH	
500	----	----		----/*0.2060A	----/*0.2060A	----			0.2085 - 0.0145	.3181	----	----	----	----	210	UNCH	
530	----	----		----/*0.1545A	----/*0.1545A	----			0.1550 - 0.0095	.2509	----	----	----	----	6	UNCH	
550	----	----		----/*0.1285A	----/*0.1285A	----			0.1275 - 0.0075	.2136	----	----	----	----	6	UNCH	
575	----	----		----/*0.1030A	----/*0.1030A	----			0.1005 - 0.0060	.1747	----	----	----	----	150	UNCH	
700	----	----							0.0350 - 0.0035	.0681	----	----	----	----	2	UNCH	
800	----	----							0.0175 - 0.0030	.0355	----	----	----	----	1	UNCH	
TOTAL																1239	
JAN24																	
350	----	----							0.8855 - 0.0385	.7849	----	----	----	----	35	UNCH	
500	----	----							0.2230 - 0.0215	.3266	----	----	----	----	65	UNCH	
TOTAL																100	
HX PUT	COMEX COPPER OPTIONS																
FEB23																	
400	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
408	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
410	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
413	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
415	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
416	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
417	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
418	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
420	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
423	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
424	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
425	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
426	----	----							0.0000 UNCH	----	----	----	----	----	0	UNCH	
428	----	----							0.0125 UNCH	----	----	----	----	----	0	UNCH	
429	----	----							0.0225 UNCH	----	----	----	----	----	0	UNCH	
430	----	----							0.0325 UNCH	----	----	----	----	----	0	UNCH	
431	----	----							0.0425 UNCH	----	----	----	----	----	0	UNCH	
435	----	----							0.0825 UNCH	----	----	----	----	----	0	UNCH	
436	----	----							0.0925 UNCH	----	----	----	----	----	0	UNCH	
438	----	----							0.1125 UNCH	----	----	----	----	----	0	UNCH	
439	----	----							0.1225 UNCH	----	----	----	----	----	0	UNCH	
443	----	----							0.1625 UNCH	----	----	----	----	----	0	UNCH	
445	----	----							0.1825 UNCH	----	----	----	----	----	0	UNCH	

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		
COMEX COPPER OPTIONS														
363	----	----	0.0045B/----	0.0045B/----	----	0.0045 + 0.0010	.0295	----	----	----	----	55	UNCH	
364	0.0045	0.0045	0.0050B/----	0.0050B/----	----	0.0045 + 0.0005	.0299	----	----	----	----	3	UNCH	
365	----	----	0.0050B/0.0040	0.0050B/0.0040	----	0.0050 + 0.0010	.0328	----	----	2	----	222	+	
367	----	----	0.0060B/----	0.0060B/----	----	0.0055 + 0.0010	.0361	----	----	----	----	3	UNCH	
368	----	----	0.0060B/----	0.0060B/----	----	0.0055 + 0.0010	.0367	----	----	----	----	110	UNCH	
369	----	----	0.0065B/----	0.0065B/----	----	0.0060 + 0.0015	.0396	----	----	----	----	6	UNCH	
370	----	----	0.0070B/----	0.0070B/----	----	0.0060 + 0.0010	.0402	----	----	----	----	1031	UNCH	
371	----	----	0.0075B/----	0.0075B/----	----	0.0065 + 0.0015	.0432	----	----	----	----	20	UNCH	
372	0.0070	0.0070	0.0080B/0.0070	0.0080B/0.0070	----	0.0070 + 0.0015	.0463	----	5	----	----	25	+	
373	----	----	0.0085B/----	0.0085B/----	----	0.0075 + 0.0020	.0493	----	----	----	----	11	UNCH	
374	0.0070	0.0070	0.0090B/0.0070	0.0090B/0.0070	----	0.0080 + 0.0020	.0524	----	5	----	----	24	+	
375	0.0070	0.0070	0.0100B/0.0070	0.0100B/0.0070	----	0.0085 + 0.0020	.0554	----	8	----	----	496	-	
376	----	----	0.0105B/----	0.0105B/----	----	0.0090 + 0.0025	.0586	----	----	----	----	12	UNCH	
377	0.0085	0.0085	0.0110B/0.0085	0.0110B/0.0085	----	0.0095 + 0.0025	.0617	----	5	----	----	403	+	
378	----	----	0.0120B/----	0.0120B/----	----	0.0100 + 0.0025	.0649	----	----	----	----	60	UNCH	
379	----	----	0.0125B/----	0.0125B/----	----	0.0110 + 0.0030	.0703	----	----	----	----	160	UNCH	
380	0.0090	0.0090	0.0140B/*0.0085	0.0140B/*0.0085	----	0.0115 + 0.0030	.0736	----	17	----	----	1079	+	
381	----	----	0.0150B/----	0.0150B/----	----	0.0125 + 0.0035	.0790	----	----	----	----	122	UNCH	
382	----	----	0.0155B/----	0.0155B/----	----	0.0130 + 0.0035	.0824	----	----	----	----	9	UNCH	
383	0.0140	0.0140	0.0165B/0.0140	0.0165B/0.0140	----	0.0140 + 0.0035	.0878	----	23	----	----	25	-	
384	0.0140	0.0140	0.0180B/0.0140	0.0180B/0.0140	----	0.0150 + 0.0040	.0932	----	4	----	----	38	+	
385	0.0145	0.0145	0.0195/0.0145	0.0195/0.0145	----	0.0160 + 0.0045	.0987	----	69	----	----	174	+	
386	0.0145	0.0145	0.0205B/0.0145	0.0205B/0.0145	----	0.0170 + 0.0045	.1043	----	13	----	----	97	+	
387	0.0155	0.0155	0.0220B/*0.0130	0.0220B/*0.0130	----	0.0180 + 0.0045	.1098	----	15	----	----	28	+	
388	0.0165	0.0165	0.0235B/*0.0140	0.0235B/*0.0140	----	0.0190 + 0.0045	.1155	----	12	----	----	36	+	
389	0.0175	0.0175	0.0250B/*0.0150	0.0250B/*0.0150	----	0.0205 + 0.0050	.1229	----	35	----	----	50	+	
390	0.0190	0.0190	0.0270B/0.0160A	0.0270B/0.0160A	----	0.0215 + 0.0050	.1286	----	32	----	----	449	+	
391	0.0200	0.0200	0.0285B/*0.0170	0.0285B/*0.0170	----	0.0230 + 0.0055	.1361	----	19	----	----	68	+	
392	0.0215	0.0215	0.0305B/*0.0180	0.0305B/*0.0180	----	0.0250 + 0.0060	.1451	----	24	----	----	56	+	
393	0.0230	0.0230	0.0325B/0.0195A	0.0325B/0.0195A	----	0.0265 + 0.0065	.1526	----	42	----	----	76	+	
394	0.0245	0.0245	0.0345B/*0.0205	0.0345B/*0.0205	----	0.0280 + 0.0065	.1602	----	60	----	----	203	+	
395	0.0260	0.0260	0.0365B/*0.0220	0.0365B/*0.0220	----	0.0300 + 0.0070	.1692	----	170	100	----	252	+	
396	0.0270	0.0270	0.0390B/0.0235A	0.0390B/0.0235A	----	0.0320 + 0.0075	.1782	----	20	----	----	64	+	
397	0.0290	0.0290	0.0415B/0.0250A	0.0415B/0.0250A	----	0.0340 + 0.0080	.1872	----	7	----	----	69	+	
398	----	----	0.0440B/0.0265A	0.0440B/0.0265A	----	0.0360 + 0.0085	.1963	----	----	----	----	12	UNCH	
399	----	----	0.0465B/*0.0280	0.0465B/*0.0280	----	0.0380 + 0.0085	.2054	----	----	----	----	26	UNCH	
400	0.0465	0.0465	0.0495B/0.0300A	0.0495B/0.0300A	----	0.0400 + 0.0090	.2146	----	130	----	----	657	-	
401	----	----	0.0525B/0.0320A	0.0525B/0.0320A	----	0.0425 + 0.0095	.2250	----	----	----	----	13	UNCH	
402	----	----	0.0555B/0.0335A	0.0555B/0.0335A	----	0.0450 + 0.0100	.2354	----	----	----	----	12	UNCH	
403	----	----	0.0585B/0.0355A	0.0585B/0.0355A	----	0.0475 + 0.0105	.2458	----	----	----	----	15	UNCH	
404	----	----	0.0615B/0.0375A	0.0615B/0.0375A	----	0.0500 + 0.0105	.2563	----	----	----	----	14	UNCH	
405	----	----	0.0650B/0.0400A	0.0650B/0.0400A	----	0.0530 + 0.0115	.2678	----	----	200	----	251	+	
406	----	----	0.0685B/0.0420A	0.0685B/0.0420A	----	0.0560 + 0.0120	.2792	----	----	----	----	5	UNCH	
408	0.0500	0.0500	0.0760B/0.0470A	0.0760B/0.0470A	----	0.0620 + 0.0130	.3022	----	1	----	----	310	+	
409	----	----	0.0800B/0.0495A	0.0800B/0.0495A	----	0.0655 + 0.0135	.3145	----	----	----	----	10	UNCH	
410	0.0670	0.0670	0.0840B/0.0520A	0.0840B/0.0520A	----	0.0690 + 0.0145	.3268	----	169	----	----	341	+	
412	----	----	0.0925B/0.0580A	0.0925B/0.0580A	----	0.0765 + 0.0155	.3519	----	----	----	----	25	UNCH	
415	0.0890	0.0890	0.1070B/0.0675A	0.1070B/0.0675A	----	0.0885 + 0.0175	.3903	----	13	----	----	49	+	
416	0.0770	0.0770	0.1120B/0.0710A	0.1120B/0.0710A	----	0.0930	NEW .4034	----	103	----	----	103	+	
417	----	----	0.1170B/0.0745A	0.1170B/0.0745A	----	0.0970 + 0.0185	.4163	----	----	----	----	21	UNCH	
418	----	----	0.1220B/0.0785A	0.1220B/0.0785A	----	0.1020 + 0.0195	.4296	----	----	----	----	16	UNCH	
419	----	----	0.1275B/0.0820A	0.1275B/0.0820A	----	0.1065 + 0.0200	.4427	----	10	----	----	54	+	
420	----	----	0.1330B/0.0860A	0.1330B/0.0860A	----	0.1115 + 0.0205	.4560	----	12	100	----	600	+	
421	0.1215	0.1215	0.1385B/0.0905A	0.1385B/0.0905A	----	0.1165 + 0.0210	.4692	----	29	----	----	37	+	
422	----	----	0.1440B/0.0950A	0.1440B/0.0950A	----	0.1215 + 0.0215	.4823	----	----	----	----	44	UNCH	
423	----	----	0.1500B/0.0995A	0.1500B/0.0995A	----	0.1265 + 0.0220	.4955	----	----	----	----	10	UNCH	
424	----	----	0.1560B/0.1040A	0.1560B/0.1040A	----	0.1320 + 0.0225	.5087	----	----	----	----	22	UNCH	
425	----	----	0.1625B/0.1090A	0.1625B/0.1090A	----	0.1375 + 0.0230	.5216	----	35	----	----	396	UNCH	
426	----	----	0.1690B/0.1135A	0.1690B/0.1135A	----	0.1435 + 0.0240	.5346	----	----	----	----	10	UNCH	
427	0.1670	0.1670	0.1755B/0.1190A	0.1755B/0.1190A	----	0.1490 + 0.0245	.5473	----	8	----	----	13	+	
428	----	----	0.1820B/0.1240A	0.1820B/0.1240A	----	0.1550 + 0.0250	.5604	----	----	----	----	1	UNCH	
430	----	----	0.1955B/0.1345A	0.1955B/0.1345A	----	0.1670 + 0.0260	.5854	----	2	----	----	32	-	
431	0.1410	0.1410	0.2025B/0.1400A	0.2025B/0.1400A	----	0.1735 + 0.0270	.5980	----	10	----	----	11	+	
433	----	----	0.2170B/0.1520A	0.2170B/0.1520A	----	0.1865 + 0.0280	.6223	----	----	----	----	1	UNCH	
435	----	----	0.2320B/0.1635A	0.2320B/0.1635A	----	0.1995 + 0.0290	.6458	----	6	----	----	6	UNCH	
437	----	----	0.2470B/0.1765A	0.2470B/0.1765A	----	0.2135 + 0.0300	.6685	----	1	----	----	1	UNCH	
440	----	----	0.2700B/0.1960A	0.2700B/0.1960A	----	0.2350 + 0.0310	.7014	----	----	----	----	10	UNCH	
444	0.3005	0.3005	#0.3020B/0.2235	#0.3020B/0.2235	----	0.2655	NEW .7412	----	1	----	----	1	+	
455	----	----	0.3750B/0.3070A	0.3750B/0.3070A	----	0.3545 + 0.0370	.8344	----	----	----	----	4	UNCH	
470	0.4960	0.4960	0.5310B/0.4375A	0.5310B/0.4375A	----	0.4885	NEW .9173	----	1	----	----	1	+	
500	----	----	----	----	----	0.7780 + 0.0435	.9844	----	400	1083	23376	+	932	
TOTAL														
APR23														
200	----	----	----	----	----	0.0005	UNCH	----	----	----	----	1	UNCH	
225	----	----	----	----	----	0.0005	UNCH	----	----	----	----	35	UNCH	
230	----	----	----	----	----	0.0005	UNCH	----	----	----	----	3	UNCH	
250	----	----	----	----	----	0.0005	UNCH	----	----	----	----	27	UNCH	
260	----	----	----	----	----	0.0005	UNCH	----	----	----	----	1	UNCH	
265	----	----	----	----	----	0.0005	UNCH	----	----	----	----	3	UNCH	
270	----	----	----	----	----	0.0005	UNCH	----	----	----	----	15	UNCH	
275	----	----	----	----	----	0.0010	UNCH	----	----	----	----	4	UNCH	
280	----	----	----	----	----	0.0010	UNCH	----	----	----	----	12	UNCH	
285	----	----	----	----	----	0.0010	UNCH	----	----	----	----	35	UNCH	
290	----	----	----	----	----	0.0015	UNCH	----	----	----	----	18	UNCH	
295	----	----	----	----	----	0.0015	UNCH	----	----	----	----	33	UNCH	
300	----	----	----	----	----	0.0020	UNCH	----	----	----	----	359	UNCH	
305	----	----	----	----	----	0.0025	UNCH	----	----	----	----	6	UNCH	
310	----	----	----	----	----	0.0030 + 0.0005	.0121	----	----	----	----	5	UNCH	
315	----	----	----	----	----	0.0030	UNCH	----	----	----	----	201	UNCH	
320	----	----	----	----	----	0.0040	UNCH	----	----	----	----	33	UNCH	
325	0.0055	0.0055	0.0055/0.0055	0.0055/0.0055	----	0.0045	UNCH	----	1	----	----	1287	UNCH	
330	----	----	----	----	----	0.0055 + 0.0005	.0232	----	----	----	----	15	UNCH	
335	0.0070	0.0070	0.0070/*0.0065A	0.0070/*0.0065A	----	0.0065 + 0.0005	.0276	----	1	----	----	121	+	
340	----	----	0.0080B/----	0.0080B/----	----	0.0080 + 0.0005	.0338	----	----	----	----	33	UNCH	
345	----	----	0.0105B/----	0.0105B/----	----	0.0100 + 0.0010	.0417	----	1	----	----	27	+	
350	----	----	0.0130B/----	0.0130B/----	----	0.0125 + 0.0015	.0514	----	2	----	----	1246	+	
355	----	----	0.0165B/*0.0130	0.0165B/*0.0130	----	0.0155 + 0.0020	.0627	----	----	----	----	27	UNCH	
356	----	----	0.0175B/----	0.0175B/----	----	0.0160 + 0.0020	.0648	----	----	----	----	10	UNCH	
358	----	----	0.0190B/*0.0150	0.0190B/*0.0150	----	0.0175 + 0.0020	.0703	----	----	----	----	1	UNCH	
360	0.0180	0.0180	0.0210/*0.0160A	0.0210/*0.0160A	----	0.0190 + 0.0020	.0758	----	20	----	----	85	UNCH	
363	----	----	0.0240B/*0.0185	0.0240B/*0.0185	----	0.0215 + 0.0025	.0849	----	----	----	----	10	UNCH	
364	----	----	0.0250B/*0.0190	0.0250B/*0.0190	----	0.0225 + 0.0025	.0883							



2023 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>

CME Group, Inc.

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

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FINAL

BULLETIN # 18@				METALS OPTION PRODUCTS										Fri, Jan 27, 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																
430	----	----	----	0.2535B/0.1985A	0.2535B/0.1985A	----	----		0.2295 + 0.0250	.5343	----	----	----	----		14
431	----	----	----	0.2595B/0.2040A	0.2595B/0.2040A	----	----		0.2350 + 0.0250	.5425	----	----	----	----		12
432	----	----	----	0.2660B/0.2090A	0.2660B/0.2090A	----	----		0.2410 + 0.0255	.5506	----	----	----	----		12
435	----	----	----	0.2855B/0.2260A	0.2855B/0.2260A	----	----		0.2590 + 0.0260	.5747	----	----	----	----		2
436	----	----	----	0.2920B/0.2315A	0.2920B/0.2315A	----	----		0.2655 + 0.0265	.5829	----	----	----	----		1
439	----	----	----	0.3120B/0.2495A	0.3120B/0.2495A	----	----		0.2845 + 0.0275	.6062	----	----	----	----		10
440	----	----	----	0.3190B/0.2570A	0.3190B/0.2570A	----	----		0.2910 + 0.0275	.6140	----	----	----	----		2
445	----	----	----	0.3545B/0.2890A	0.3545B/0.2890A	----	----		0.3245 + 0.0290	.6514	----	----	----	----		3
TOTAL													479			5488 +
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 + 0.0005	.0033	----	----	----	----		25
260	----	----	----	----	----	----	----		0.0010 UNCH	.0035	----	----	----	----		2
270	----	----	----	----	----	----	----		0.0015 UNCH	.0052	----	----	----	----		210
275	----	----	----	----	----	----	----		0.0020 + 0.0005	.0068	----	----	----	----		156
280	----	----	----	----	----	----	----		0.0025 + 0.0005	.0085	----	----	----	----		2
285	----	----	----	----	----	----	----		0.0030 + 0.0005	.0102	----	----	----	----		400
290	----	----	----	----	----	----	----		0.0035 + 0.0005	.0119	----	----	----	----		46
300	0.0040	0.0040		0.0045/*0.0040	0.0045/*0.0040				0.0050 + 0.0010	.0170	----	----	2	----		132
310	----	----	----	----	----	----	----		0.0065 + 0.0005	.0224	----	----	----	----		2
315	----	----	----	0.0075B/----	0.0075B/----	----	----		0.0080 + 0.0010	.0273	----	----	----	----		10
320	----	----	----	0.0090B/----	0.0090B/----	----	----		0.0095 + 0.0010	.0322	----	----	----	----		9
325	----	----	----	0.0110B/*0.0100	0.0110B/*0.0100	----	----		0.0110 + 0.0005	.0374	----	----	----	----		200
330	----	----	----	0.0135B/*0.0120	0.0135B/*0.0120	----	----		0.0135 + 0.0010	.0450	----	----	----	----		39
335	----	----	----	0.0165B/*0.0140	0.0165B/*0.0140	----	----		0.0160 + 0.0015	.0529	----	----	----	----		5
340	----	----	----	0.0200B/*0.0170	0.0200B/*0.0170	----	----		0.0190 + 0.0015	.0621	----	----	----	----		155
345	----	----	----	0.0245B/*0.0200	0.0245B/*0.0200	----	----		0.0225 + 0.0020	.0726	----	----	----	----		200
350	0.0275	0.0275		0.0295B/*0.0240	0.0295B/*0.0240	----	----		0.0270 + 0.0025	.0855	----	----	4	----		14 +
355	----	----	----	0.0355B/*0.0285	0.0355B/*0.0285	----	----		0.0320 + 0.0030	.0995	----	----	----	----		19
360	----	----	----	0.0425B/----	0.0425B/----	----	----		0.0385 + 0.0045	.1165	----	----	----	----		123
365	----	----	----	0.0505B/0.0400A	0.0505B/0.0400A	----	----		0.0455 + 0.0050	.1346	----	----	----	----		15
370	0.0590	0.0590		0.0600B/0.0470A	0.0600B/0.0470A	----	----		0.0540 + 0.0065	.1554	----	----	11	----		15 +
375	0.0570	0.0570		0.0705B/0.0555A	0.0705B/0.0555A	----	----		0.0635 + 0.0075	.1777	----	----	40	----		51 +
380	0.0690	0.0690		0.0830B/0.0645A	0.0830B/0.0645A	----	----		0.0750 + 0.0090	.2029	----	----	11	----		399 +
385	----	----	----	0.0960B/0.0755A	0.0960B/0.0755A	----	----		0.0875 + 0.0105	.2293	----	----	----	----		12
390	0.0930	0.0930		0.1110B/0.0875A	0.1110B/0.0875A	----	----		0.1015 + 0.0120	.2574	----	----	11	----		105 +
395	----	----	----	0.1280B/0.1010A	0.1280B/0.1010A	----	----		0.1170 NEW	.2870	----	----	2	----		2 +
400	----	----	----	0.1470B/0.1165A	0.1470B/0.1165A	----	----		0.1340 + 0.0150	.3178	----	----	30	----		168 +
405	----	----	----	0.1680B/0.1335A	0.1680B/0.1335A	----	----		0.1530 + 0.0165	.3500	----	----	2	----		20
410	----	----	----	0.1905B/0.1525A	0.1905B/0.1525A	----	----		0.1740 + 0.0180	.3831	----	----	----	----		10
415	----	----	----	0.2145B/0.1725A	0.2145B/0.1725A	----	----		0.1965 + 0.0195	.4166	----	----	----	----		52
420	0.1985	0.1985		0.2405B/0.1950A	0.2405B/0.1950A	----	----		0.2210 + 0.0210	.4505	----	----	7	----		17
425	----	----	----	0.2685B/0.2190A	0.2685B/0.2190A	----	----		0.2470 + 0.0225	.4843	----	----	----	----		168
430	----	----	----	0.2980B/0.2445A	0.2980B/0.2445A	----	----		0.2745 + 0.0240	.5176	----	----	----	----		21
435	----	----	----	0.3290B/0.2720A	0.3290B/0.2720A	----	----		0.3040 + 0.0250	.5505	----	----	----	----		2
440	----	----	----	0.3615B/0.3010A	0.3615B/0.3010A	----	----		0.3350 + 0.0265	.5824	----	----	----	----		1
445	----	----	----	0.3955B/0.3340A	0.3955B/0.3340A	----	----		0.3675 + 0.0275	.6133	----	----	----	----		15
TOTAL													120			3342 +
JUN23																
125	----	----	----	----	----	----	----		0.0005 UNCH	.0000	----	----	----	----		50
150	----	----	----	----	----	----	----		0.0005 UNCH	.0001	----	----	----	----		50
250	----	----	----	----	----	----	----		0.0030 UNCH	.0080	----	----	----	----		1
255	----	----	----	----	----	----	----		0.0035 + 0.0005	.0094	----	----	----	----		1
280	----	----	----	----	----	----	----		0.0060 + 0.0005	.0169	----	----	----	----		10
290	----	----	----	----	----	----	----		0.0075 + 0.0005	.0215	----	----	----	----		10
295	0.0080	0.0080		0.0080/*0.0080	0.0080/*0.0080				0.0085 UNCH	.0245	----	----	2	----		4 +
300	----	----	----	----	----	----	----		0.0100 + 0.0005	.0286	----	----	----	----		27
310	----	----	----	0.0140B/----	0.0140B/----	----	----		0.0135 + 0.0005	.0382	----	----	----	----		11
315	----	----	----	0.0165B/----	0.0165B/----	----	----		0.0160 + 0.0010	.0447	----	----	----	----		21
320	----	----	----	0.0200B/----	0.0200B/----	----	----		0.0185 + 0.0010	.0513	----	----	----	----		10
325	----	----	----	0.0235B/----	0.0235B/----	----	----		0.0220 + 0.0015	.0599	----	----	----	----		18
330	----	----	----	0.0275B/----	0.0275B/----	----	----		0.0260 + 0.0020	.0695	----	----	----	----		11
335	----	----	----	0.0325B/----	0.0325B/----	----	----		0.0300 + 0.0020	.0793	----	----	----	----		1
340	----	----	----	0.0380B/----	0.0380B/----	----	----		0.0350 + 0.0025	.0909	----	----	----	----		16
345	----	----	----	0.0445B/----	0.0445B/----	----	----		0.0410 + 0.0035	.1042	----	----	----	----		120
350	----	----	----	0.0515B/0.0430A	0.0515B/0.0430A	----	----		0.0475 + 0.0040	.1184	----	----	----	----		3
355	----	----	----	0.0595B/												

PG64	BULLETIN # 18@										METALS OPTION PRODUCTS										Fri, Jan 27, 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																									
TOTAL																									
SEP23																									
275	----			----				0.0185 + 0.0010	.0371	----	----	----	----		10			UNCH							
315	----			0.0485B/----	0.0485B/----			0.0480 + 0.0035	.0895	----	----	----	----		4			UNCH							
350	----			0.1105B/----	0.1105B/----			0.1070 + 0.0075	.1760	----	----	----	----		300			UNCH							
385	----			0.2150B/----	0.2150B/----			0.2065 + 0.0125	.2966	----	----	----	----		20			UNCH							
395	----			0.2550B/----	0.2550B/----			0.2445 + 0.0140	.3362	----	----	----	----		2			UNCH							
400	----			0.2765B/----	0.2765B/----			0.2655 + 0.0155	.3566	----	----	----	----		1			UNCH							
405	----			0.2995B/----	0.2995B/----			0.2870 + 0.0160	.3772	----	----	----	----		1			UNCH							
415	0.3350	0.3350		0.3485B/0.3350	0.3485B/0.3350			0.3345 + 0.0185	.4191	----	----	1	----		2	+		1							
420				0.3750B/----	0.3750B/----			0.3595 + 0.0190	.4401	----	----	----	----		5			UNCH							
425	0.3895	0.3895		0.4025B/0.3895	0.4025B/0.3895			0.3860 + 0.0200	.4611	----	----	1	----		34	+		1							
435	----			0.4605B/----	0.4605B/----			0.4420 + 0.0220	.5024	----	----	----	----		7			UNCH							
TOTAL												2	----		386	+		2							
OCT23																									
320	----			0.0680B/----	0.0680B/----			0.0685 + 0.0045	.1130	----	----	----	----		1			UNCH							
TOTAL															1										
NOV23																									
415	----			0.3950B/----	0.3950B/----			0.3845 + 0.0175	.4179	----	----	----	----		40			UNCH							
TOTAL															40										
DEC23																									
350	----			#0.1645B/----	#0.1645B/----			0.1640 + 0.0090	.2081	----	----	----	----		150			UNCH							
370	----			#0.2250B/----	#0.2250B/----			0.2230 + 0.0105	.2662	----	----	----	----		4			UNCH							
825	----			----	----			4.0155 + 0.0415	.9694	----	----	----	----		2			UNCH							
TOTAL															156										
FEB24																									
360	----			----	----			0.2220 + 0.0030	.2472	----	----	----	----		4			UNCH							
TOTAL															4										
HXE CALL																									
JAN23																									
385	----			----	----			0.3725 - 0.0455	----	20	----	----	----		0	-		20							
390	----			----	----			0.3225 - 0.0455	----	5	----	----	----		0	-		5							
395	----			----	----			0.2725 - 0.0455	----	6	----	----	----		0	-		6							
410	----			----	----			0.1225 - 0.0455	----	10	----	----	----		0	-		10							
420	0.0045	0.0045		0.0795B/*0.0025	0.0795B/*0.0025			0.0225 NEW	----	4	----	4	----		0			UNCH							
425	----			0.0420B/*0.0005	0.0420B/*0.0005			0.0000 - 0.0345	----	----	----	----	----		0	-		14							
430	0.0035	0.0035		0.0140B/*0.0010	0.0140B/*0.0010			0.0000 - 0.0120	----	----	----	15	----		0	-		14							
435	----			----/*0.0005A	----/*0.0005A			0.0000 - 0.0030	----	----	----	----	----		0	-		12							
440	0.0005	0.0005		0.0005/*0.0005	0.0005/*0.0005			0.0000 - 0.0005	----	----	----	5	----		0	-		11							
445	----			----	----			0.0000 - 0.0005	----	----	----	----	----		0	-		4							
460	----			----	----			0.0000 - 0.0005	----	----	----	----	----		0	-		1							
TOTAL												24	----		0	-		97							
FEB23																									
380	----			0.4745B/*0.3815	0.4745B/*0.3815			0.4260 - 0.0440	.9663	----	----	----	----		3			UNCH							
410	----			----/0.1090A	----/0.1090A			0.1425 - 0.0395	.8004	----	----	----	----		1			UNCH							
415	----			0.1525B/0.0785A	0.1525B/0.0785A			0.1060 - 0.0360	.6936	----	----	----	----		10			UNCH							
420	----			0.1160B/*0.0545	0.1160B/*0.0545			0.0755 - 0.0315	.5668	----	----	----	----		11			UNCH							
430	----			0.0605B/*0.0230	0.0605B/*0.0230			0.0340 - 0.0205	.3134	----	----	----	----		11			UNCH							
430	----			0.1050B/*0.0610	0.1050B/*0.0610			0.0775 - 0.0200	.4009	----	----	----	----		6			UNCH							
435	0.0265	0.0265		0.0410B/*0.0145	0.0410B/*0.0145			0.0220 NEW	.2153	----	----	1	----		1	+		1							
435	----			0.0635B/*0.0305	0.0635B/*0.0305			0.0420 - 0.0160	.2924	----	----	----	----		7			UNCH							
440	0.0175	0.0175		0.0270B/*0.0095	0.0270B/*0.0095			0.0135 - 0.0105	.1391	----	----	2	----		10			UNCH							
440	0.0375	0.0375		0.0470B/*0.0220	0.0470B/*0.0220			0.0300 - 0.0130	.2230	----	----	1	----		2	+		1							
445	----			0.0170B/*0.0060	0.0170B/*0.0060			0.0080 - 0.0075	.0854	----	----	----	----		1			UNCH							
450	----			0.0245B/*0.0110	0.0245B/*0.0110			0.0145 - 0.0080	.1198	----	----	----	----		1			UNCH							
455	0.0025	0.0025		0.0025/*0.0025	0.0025/*0.0025			0.0025 - 0.0040	.0275	----	----	1	----		1			UNCH							
TOTAL												5	----		65	+		2							
HXE PUT																									
JAN23																									
380	----			----	----			0.0000 - 0.0005	----	----	----	----	----		0	-		9							
390	----			----	----			0.0000 - 0.0005	----	----	----	----	----		0	-		2							
395	----			----	----			0.0000 - 0.0005	----	----	----	----	----		0	-		1							
400	0.0005	0.0005		0.0005/*0.0005	0.0005/*0.0005			0.0000 - 0.0005	----	----	----	1	----		0	-		2							
405	0.0005	0.0005		0.0005/*0.0005	0.0005/*0.0005			0.0000 - 0.0005	----	----	----	5	----		0	-		5							
410	----			----	----			0.0000 - 0.0005	----	----	----	----	----		0	-		9							
420	0.0040	0.0040		0.0255B/*0.0010	0.0255B/*0.0010			0.0000 - 0.0050	----	----	----	6	----		0	-		37							
425	0.0080	0.0080		0.0715B/*0.0055	0.0715B/*0.0055			0.0275 + 0.0105	----	40	----	9	----		0	-		40							
430	----			0.0635B/*0.0290	0.0635B/*0.0290			0.0775 + 0.0330	----	1	----	----	----		0	-		1							
435	----			----	----			0.1275 + 0.0420	----	1	----	----	----		0	-		1							
TOTAL												21	----		0	-		107							
FEB23																									

PG64	BULLETIN # 18@										METALS OPTION PRODUCTS					Fri, Jan 27, 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						
PAO CALL	NYMEX PALLADIUM OPTIONS																		
TOTAL													1	0					
JUN23																			
1850	----	----	----	----	----	73.40	- 23.10	.3274	----	----	----	----	1	UNCH					
1950	----	----	----	----	----	56.30	- 18.70	.2608	----	----	----	----	125	UNCH					
2100	----	----	----	----	----	39.80	- 14.20	.1898	----	----	----	----	250	UNCH					
2250	----	----	----	----	----	29.60	- 10.80	.1425	----	----	----	----	125	UNCH					
TOTAL													501	0					
PAO PUT	NYMEX PALLADIUM OPTIONS																		
JUN23																			
1650	----	----	----	----	----	170.30	+ 23.50	.4816	----	----	----	----	2	UNCH					
TOTAL													2	0					
SEP23																			
1795	----	----	----	----	----	298.30	+ 33.10	.5607	----	----	----	----	1	UNCH					
TOTAL													1	0					
PO CALL	PLATINUM OPTIONS																		
MAR23																			
1050	----	----	----/*12.20A	----/*12.20A	----	12.70	- 2.60	.3113	----	----	----	----	1	UNCH					
1070	6.90	6.90	6.90/*6.70	6.90/*6.70	----	7.80	- 1.70	.2123	----	----	2	----	3 +	2					
1090	----	----	----/*5.20A	----/*5.20A	----	4.60	- 1.00	.1367	----	----	----	----	2	UNCH					
1100	----	----	----	----	----	3.50	- 0.80	.1079	----	----	----	----	50	UNCH					
1150	----	----	----	----	----	0.70	- 0.40	.0255	----	----	----	----	100	UNCH					
1200	1.00	1.00	1.00/*1.00	1.00/*1.00	----	0.10	- 0.20	.0034	----	----	1	----	7	UNCH					
TOTAL											3	----	163 +	2					
APR23																			
1000	49.00	49.00	49.00/47.70A	49.00/47.70A	----	48.60	- 3.90	.5873	----	----	2	----	209	UNCH					
1050	----	----	----/26.10A	----/26.10A	----	26.50	- 2.10	.3891	----	----	----	----	43	UNCH					
1075	----	----	----/*19.00A	----/*19.00A	----	19.00	- 1.60	.3022	----	----	----	----	4	UNCH					
1100	----	----	----/*13.90A	----/*13.90A	----	13.40	- 1.30	.2284	----	----	----	----	504	UNCH					
1300	----	----	----	----	----	0.50	- 0.30	.0117	----	----	----	----	23	UNCH					
1450	----	----	----	----	----	0.10	UNCH	.0022	----	----	----	----	210	UNCH					
TOTAL											2	----	993	0					
JUL23																			
1040	60.60	60.60	60.60/60.60	60.60/60.60	----	62.00	- 3.50	.4954	----	----	1	----	2	UNCH					
1100	----	----	----	----	----	41.70	- 2.70	.3704	----	----	----	----	11	UNCH					
TOTAL											1	----	13	0					
OCT23																			
1400	----	----	----	----	----	15.90	- 1.60	.1338	----	----	----	----	225	UNCH					
TOTAL													225	0					
PO PUT	PLATINUM OPTIONS																		
MAR23																			
925	----	----	----	----	----	2.00	- 1.30	.0627	----	----	----	----	1	UNCH					
950	----	----	----	----	----	4.70	- 1.40	.1320	----	----	----	----	1	UNCH					
990	----	----	#15.10B/----	#15.10B/----	----	14.10	- 0.50	.3210	----	----	----	----	1	UNCH					
1000	----	----	18.90B/----	18.90B/----	----	17.80	UNCH	.3812	----	----	----	----	2	UNCH					
1040	----	----	#40.70B/----	#40.70B/----	----	39.00	+ 2.90	.6323	----	----	----	----	50	UNCH					
1050	----	----	47.80B/----	47.80B/----	----	45.80	+ 3.50	.6885	----	----	----	----	2	UNCH					
1070	----	----	#63.70B/----	#63.70B/----	----	60.90	+ 4.50	.7876	----	----	----	----	9	UNCH					
1100	----	----	90.10B/----	90.10B/----	----	86.50	+ 5.30	.8920	----	----	----	----	1	UNCH					
TOTAL													67	0					
APR23																			
700	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	----	200	UNCH					
750	----	----	----	----	----	0.10	UNCH	.0009	----	----	----	----	1	UNCH					
800	----	----	----	----	----	0.30	- 0.20	.0073	----	----	----	----	200	UNCH					
925	----	----	----	----	----	9.00	+ 0.10	.1554	----	----	----	----	22	UNCH					
1025	----	----	#44.50B/----	#44.50B/----	----	44.40	+ 3.20	.5138	----	----	----	----	750	UNCH					
1050	----	----	59.90B/----	59.90B/----	----	59.50	+ 4.00	.6107	----	----	----	----	300	UNCH					
1300	----	----	----	----	----	283.20	+ 6.00	.9882	----	----	----	----	11	UNCH					
TOTAL													1484	0					
JUL23																			
900	----	----	----	----	----	22.10	+ 0.70	.2025	----	----	----	----	1	UNCH					
950	----	----	----	----	----	36.90	+ 1.20	.3007	----	----	----	----	11	UNCH					
1060	----	----	----	----	----	90.50	+ 3.00	.5482	----	----	----	----	22	UNCH					
1100	----	----	118.00B/----	118.00B/----	----	117.30	+ 3.40	.6292	----	----	----	----	22	UNCH					
TOTAL													56	0					
JAN24																			
980	----	----	----	----	----	68.10	+ 1.60	.3623	----	----	----	----	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	2050	0	100
OG	2100	0	1200
OG	3000	0	1000
TOTALS		0	2300
APR23 CALL			
OG	2070	0	300
TOTALS		0	300
OG PUT COMEX GOLD OPTIONS			
MAR23 PUT			
OG	1600	0	127
TOTALS		0	127
APR23 PUT			
OG	1775	0	200
OG	1800	0	250
OG	1850	0	200
TOTALS		0	650
MAY23 PUT			
OG	1800	0	500
TOTALS		0	500
JUN23 PUT			
OG	1650	0	125
OG	1800	0	308
OG	1970	0	154
TOTALS		0	587
AUG23 PUT			
OG	1650	0	50
OG	1875	0	75
OG	1985	0	50
TOTALS		0	175
SO CALL COMEX SILVER OPTIONS			
APR23 CALL			
SO	2600	0	50
TOTALS		0	50
MAY23 CALL			
SO	2675	0	100
TOTALS		0	100
DEC23 CALL			
SO	3000	0	125
TOTALS		0	125
HX CALL COMEX COPPER OPTIONS			
MAR23 CALL			
HX	450	0	641
HX	475	0	641
TOTALS		0	1282
HX PUT COMEX COPPER OPTIONS			
MAR23 PUT			
HX	395	0	100
HX	405	0	200
HX	420	0	100
TOTALS		0	400