

PG64

BULLETIN # 9@

METALS OPTION PRODUCTS

Fri, Jan 13, 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									
ECGC OOF		01/12	01/13											
ECHG OOF		01/12	01/13											
ECSI OOF		01/12	01/13											
GMW MON	01/30			02/13										
GWW WED	01/25			02/08										
HMW MON	01/30			02/13										
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	01/25			02/01										
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		10/26	11/27
HXE CALL	01/27			02/03										
HXE PUT	01/27			02/03										
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	01/13													
OG2 PUT	01/13													
OG3 CALL	01/20													
OG3 PUT	01/20													
OG4 CALL	01/27													
OG4 PUT	01/27													
PAO CALL				01/18				05/17						
PAO PUT				01/18										
PO CALL				01/18	02/15	03/15			06/21		08/16	09/20		
PO PUT				01/18	02/15	03/15			06/21					
SMW MON	01/30			02/13										
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	01/13													
SO2 PUT	01/13													
SO3 CALL	01/20													
SO3 PUT	01/20													
SO4 CALL	01/27													
SO4 PUT	01/27													
SWW WED	01/25			02/08										

GOLD OPTIONS ON FUTURES

GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG4 PUT	GOLD OPTIONS													
JAN23														
1690	----	----	----	----	----	----		0.10 UNCH	.0000	----	----	----	----	1 UNCH
1710	----	----	----	----	----	----		0.10 UNCH	.0001	----	----	----	----	1 UNCH
1720	----	----	----	----	----	----		0.10 UNCH	.0002	----	----	----	----	16 UNCH
1725	----	----	----	----	----	----		0.10 UNCH	.0003	----	----	----	----	1 UNCH
1730	----	----	----	----	----	----		0.10 UNCH	.0005	----	----	----	----	1 UNCH
1740	----	----	----	----	----	----		0.10 - 0.10	.0009	----	----	----	----	2 UNCH
1745	----	----	----	----	----	----		0.10 - 0.10	.0012	----	----	----	----	1 UNCH
1750	----	----	----	----	----	----		0.10 - 0.10	.0016	----	----	----	----	15 UNCH
1760	----	----	----	----	----	----		0.10 - 0.20	.0026	----	----	----	----	1 UNCH
1765	----	----	----	----	----	----		0.10 - 0.20	.0034	----	----	----	----	1 UNCH
1790	----	----	----	----	----	----		0.20 - 0.40	.0071	----	----	----	----	6 UNCH
1800	----	----	----	----	----	----		0.30 - 0.40	.0106	----	----	----	----	12 UNCH
1810	----	----	----	----	----	----		0.40 - 0.60	.0144	----	----	30	----	31 + 30
1815	----	----	----	----	----	----		0.50 - 0.60	.0178	----	----	----	----	17 UNCH
1820	----	----	----	----	----	----		0.50 - 0.80	.0184	----	----	----	----	24 UNCH
1825	0.90	0.90	0.90/*0.60A	0.90/*0.60A	0.90/*0.60A	0.90/*0.60A		0.60 - 0.90	.0220	----	----	2	----	4 UNCH
1830	----	----	----	----	----	----		0.70 - 1.00	.0257	----	----	----	----	25 UNCH
1835	2.00	2.00	2.00/*0.80A	2.00/*0.80A	2.00/*0.80A	2.00/*0.80A		0.80 - 1.20	.0296	----	----	1	----	34 + 1
1840	1.30	1.30	1.30/*1.00A	1.30/*1.00A	1.30/*1.00A	1.30/*1.00A		0.90 - 1.40	.0336	----	----	46	----	51 + 42
1845	1.50	1.50	1.50/*1.10A	1.50/*1.10A	1.50/*1.10A	1.50/*1.10A		1.10 - 1.60	.0406	----	----	5	----	7 UNCH
1850	----	----	----	----	----	----		1.30 - 1.90	.0478	----	----	----	----	11 UNCH
1855	2.10	2.10	2.10/*1.50A	2.10/*1.50A	2.10/*1.50A	2.10/*1.50A		1.50 - 2.20	.0552	----	----	3	----	9 + 2
1860	----	----	----	----	----	----		1.80 - 2.50	.0655	----	----	----	----	5 UNCH
1865	4.40	4.40	4.40/*2.10A	4.40/*2.10A	4.40/*2.10A	4.40/*2.10A		2.10 - 2.90	.0760	----	----	7	----	10 + 1
1870	----	----	----	----	----	----		2.50 - 3.40	.0893	----	----	3	----	15 - 1
1875	6.30	6.30	6.30/*2.90A	6.30/*2.90A	6.30/*2.90A	6.30/*2.90A		2.90 - 3.90	.1031	----	----	8	----	84 + 3
1880	4.80	4.80	4.80/*3.40A	4.80/*3.40A	4.80/*3.40A	4.80/*3.40A		3.50 - 4.40	.1215	----	----	56	----	50 + 27
1885	----	----	----	----	----	----		4.10 - 5.10	.1404	----	----	----	----	2 UNCH
1890	4.80	4.80	4.80/*4.70A	4.80/*4.70A	4.80/*4.70A	4.80/*4.70A		4.90 - 5.70	.1635	----	----	8	----	6 + 3
1895	7.60	7.60	12.30B/*5.50A	12.30B/*5.50A	12.30B/*5.50A	12.30B/*5.50A		5.80 - 6.40	.1887	----	----	21	----	20 UNCH
1900	10.00	10.00	14.20B/*6.40A	14.20B/*6.40A	14.20B/*6.40A	14.20B/*6.40A		6.80 - 7.20	.2158	----	----	46	----	100 - 2
1905	9.70	9.70	16.50B/*7.50A	16.50B/*7.50A	16.50B/*7.50A	16.50B/*7.50A		7.90 - 8.10	.2449	----	----	8	----	6 - 7
1910	11.90	11.90	18.90B/*8.70A	18.90B/*8.70A	18.90B/*8.70A	18.90B/*8.70A		9.30 - 8.90	.2782	----	----	11	----	16 + 5
1915	13.00	13.00	21.50B/*10.10A	21.50B/*10.10A	21.50B/*10.10A	21.50B/*10.10A		10.80 - 9.80	.3127	----	----	7	----	8 + 3
1920	14.70	14.70	23.90B/*11.70A	23.90B/*11.70A	23.90B/*11.70A	23.90B/*11.70A		12.50 - 10.70	.3493	----	----	24	----	28 + 20
1930	19.20	19.20	29.70B/*15.40A	29.70B/*15.40A	29.70B/*15.40A	29.70B/*15.40A		16.60 NEW	.4270	----	----	3	----	3 + 3
1935	22.30	22.30	32.80B/*17.60A	32.80B/*17.60A	32.80B/*17.60A	32.80B/*17.60A		18.90 NEW	.4667	----	----	7	----	7 + 7
1950	25.70	25.70	43.90B/*25.50A	43.90B/*25.50A	43.90B/*25.50A	43.90B/*25.50A		27.20 NEW	.5843	----	----	3	----	3 + 3
TOTAL												299		634+ 144

	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG4 CALL	GOLD OPTIONS														
JAN23															
1795	----	----	----	#146.60B/119.60	#146.60B/119.60A	----	----	----	143.70 + 22.70	.9896	----	----	----	----	147 UNCH
1800	----	----	----	#141.90B/114.20	#141.90B/114.20A	----	----	----	138.70 + 22.60	.9893	----	----	----	----	55 UNCH
1815	----	----	----	#126.70B/100.00	#126.70B/100.00A	----	----	----	123.80 + 22.30	.9821	----	----	----	----	1 UNCH
1820	----	----	----	#121.80B/95.10A	#121.80B/95.10A	----	----	----	118.90 + 22.20	.9814	----	----	----	----	3 UNCH
1825	----	----	----	#117.10B/89.90A	#117.10B/89.90A	----	----	----	114.00 + 22.10	.9778	----	----	----	----	1 UNCH
1840	----	----	----	#102.20B/75.80A	#102.20B/75.80A	----	----	----	99.30 + 21.60	.9661	----	----	----	----	4 UNCH
1845	95.10	95.10	95.10	#97.40B/71.10A	#97.40B/71.10A	----	----	----	94.50 + 21.40	.9591	----	----	1	----	11 - 1
1870	----	----	----	#73.90B/49.20A	#73.90B/49.20A	----	----	----	70.90 + 19.60	.9103	----	----	----	----	6 UNCH
1880	42.30	42.30	42.30	#64.80B/41.40A	#64.80B/41.40A	----	----	----	61.90 + 18.50	.8781	----	----	3	----	13 + 3
1885	----	----	----	#60.40B/37.60A	#60.40B/37.60A	----	----	----	57.60 + 18.00	.8592	----	----	----	----	15 UNCH
1890	----	----	----	#56.10B/34.20A	#56.10B/34.20A	----	----	----	53.30 + 17.20	.8361	----	----	----	----	123 UNCH
1895	----	----	----	#51.90B/30.80A	#51.90B/30.80A	----	----	----	49.20 + 16.50	.8109	----	----	----	----	2 UNCH
1900	----	----	----	#47.80B/27.60A	#47.80B/27.60A	----	----	----	45.20 + 15.70	.7838	----	----	----	----	82 UNCH
1905	----	----	----	#43.90B/24.20A	#43.90B/24.20A	----	----	----	41.40 + 14.90	.7546	----	----	19	----	30 UNCH
1910	----	----	----	#40.10B/21.50A	#40.10B/21.50A	----	----	----	37.70 + 14.00	.7214	----	----	43	----	39 + 30
1915	----	----	----	#36.50B/19.10A	#36.50B/19.10A	----	----	----	34.30 + 13.20	.6868	----	----	----	----	1 UNCH
1920	----	----	----	#33.10B/16.90A	#33.10B/16.90A	----	----	----	31.00 + 12.30	.6503	----	----	----	----	40 UNCH
1925	24.50	24.50	24.50	#29.90B/15.00A	#29.90B/15.00A	----	----	----	27.90 + 11.40	.6121	----	----	5	----	87 - 5
1930	26.10	26.10	26.10	#26.90B/13.20A	#26.90B/13.20A	----	----	----	25.10 + 10.50	.5726	----	----	10	----	50 + 9
1935	18.20	18.20	18.20	#24.10B/11.60A	#24.10B/11.60A	----	----	----	22.40 + 9.60	.5329	----	----	24	----	48 + 24
1940	16.40	16.40	16.40	#21.50B/10.20A	#21.50B/10.20A	----	----	----	20.00 + 8.80	.4930	----	----	8	----	32 + 8
1945	14.90	14.90	14.90	#19.20B/8.90A	#19.20B/8.90A	----	----	----	17.70 + 7.90	.4536	----	----	29	----	38 + 28
1950	10.30	10.30	10.30	#17.00B/7.80A	#17.00B/7.80A	----	----	----	15.70 + 7.20	.4152	----	----	89	----	76 + 65
1955	11.30	11.30	11.30	#15.00B/6.80A	#15.00B/6.80A	----	----	----	13.90 + 6.50	.3784	----	----	27	----	37 + 25
1960	10.20	10.20	10.20	#13.20B/5.90A	#13.20B/5.90A	----	----	----	12.20 + 5.70	.3427	----	----	10	----	16 + 10
1965	----	----	----	#11.70B/5.10A	#11.70B/5.10A	----	----	----	10.70 + 5.10	.3090	----	----	----	----	13 UNCH
1970	----	----	----	#10.20B/4.50A	#10.20B/4.50A	----	----	----	9.40 + 4.50	.2778	----	----	15	----	109 + 9
1975	6.00	6.00	6.00	#9.00B/3.90A	#9.00B/3.90A	----	----	----	8.30 + 4.10	.2496	----	----	7	----	5 +

	BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 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	
OG4 CALL	GOLD			OPTIONS												
JAN23																
1980	----	----		#7.90B/3.40A	#7.90B/3.40A	----		7.20	NEW	.2219	----	----	2	----	1 +	
1985	----	----		#6.90B/3.00A	#6.90B/3.00A	----		6.30	+ 3.10	.1975	----	----	----	----	1 UNCH	
1990	4.60	4.60		#6.00B/2.60A	#6.00B/2.60A	----		5.50	NEW	.1753	----	----	14	----	14 +	
1995	4.10	4.10		#5.30B/2.30A	#5.30B/2.30A	----		4.80	NEW	.1552	----	----	7	----	7 +	
2000	2.70	2.70		#4.60B/2.00A	#4.60B/2.00A	----		4.20	+ 2.10	.1373	----	----	36	----	34 +	
2005	3.10	3.10		#4.00B/1.80A	#4.00B/1.80A	----		3.70	NEW	.1219	----	----	25	----	25 +	
2010	2.20	2.20		#3.50B/1.60A	#3.50B/1.60A	----		3.30	+ 1.60	.1089	----	----	18	----	20 +	
2025	----	----		#2.40B/----	#2.40B/----	----		2.20	+ 1.10	.0742	----	----	----	----	5 UNCH	
2030	1.30	1.30		#2.10B/1.00A	#2.10B/1.00A	----		2.00	+ 1.00	.0670	----	----	1	----	3 +	
2040	1.00	1.00		#1.60B/0.80A	#1.60B/0.80A	----		1.60	+ 0.80	.0534	----	----	1	----	16 UNCH	
2050	----	----		#1.30B/----	#1.30B/----	----		1.30	+ 0.60	.0430	----	----	----	----	1 UNCH	
2065	1.00	1.00		#1.00/*1.00	#1.00/*1.00	----		0.90	NEW	.0298	----	----	2	----	2 +	
2100	----	----		----	----	----		0.50	NEW	.0156	----	----	10	----	10 +	
TOTAL													406		1223+	
	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	
OG3 PUT	GOLD			OPTIONS												
JAN23																
1620	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	2 UNCH	
1630	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	3 UNCH	
1635	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	16 UNCH	
1660	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	34 UNCH	
1670	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	25 UNCH	
1675	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	3 UNCH	
1680	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	14 UNCH	
1685	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	2 UNCH	
1690	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	18 UNCH	
1695	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	1 UNCH	
1700	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	13 UNCH	
1705	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	3 UNCH	
1710	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	2 UNCH	
1715	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	2 UNCH	
1720	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	5 UNCH	
1725	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	13 UNCH	
1730	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	16 UNCH	
1735	----	----		----	----	----		0.10	UNCH	----	----	----	----	----	39 UNCH	
1740	----	----		----	----	----		0.10	UNCH	.0000	----	----	----	----	12 UNCH	
1745	0.10	0.10		0.10/0.10	0.10/0.10	----		0.10	UNCH	.0000	----	----	18	----	28 -	
1750	----	----		----	----	----		0.10	UNCH	.0000	----	----	----	----	65 UNCH	
1755	----	----		----	----	----		0.10	UNCH	.0000	----	----	----	----	3 UNCH	
1760	0.10	0.10		0.10/*0.10	0.10/*0.10	----		0.10	UNCH	.0000	----	----	31	----	181 +	
1770	----	----		----	----	----		0.10	UNCH	.0001	----	----	----	----	32 UNCH	
1775	----	----		----	----	----		0.10	UNCH	.0002	----	----	----	----	312 UNCH	
1780	0.20	0.20		0.20/*0.10A	0.20/*0.10A	----		0.10	UNCH	.0003	----	----	1	----	26 UNCH	
1785	0.20	0.20		0.20/*0.10	0.20/*0.10	----		0.10	- 0.10	.0005	----	----	6	----	42 -	
1790	----	----		----	----	----		0.10	- 0.10	.0008	----	----	----	----	15 UNCH	
1795	----	----		----	----	----		0.10	- 0.20	.0012	----	----	----	----	17 UNCH	
1800	0.20	0.20		0.20/*0.20	0.20/*0.20	----		0.10	- 0.20	.0019	----	----	28	----	216 +	
1805	----	----		----	----	----		0.10	- 0.30	.0027	----	----	----	----	56 UNCH	
1810	----	----		----	----	----		0.10	- 0.30	.0040	----	----	1	----	23 -	
1815	0.20	0.20		0.20/*0.20	0.20/*0.20	----		0.20	- 0.30	.0077	----	----	17	----	98 +	
1820	0.50	0.50		0.50/*0.20A	0.50/*0.20A	----		0.20	- 0.50	.0081	----	----	61	----	65 +	
1825	0.30	0.30		0.30/*0.20	0.30/*0.20	----		0.20	- 0.60	.0085	----	----	136	----	357 +	
1830	0.20	0.20		0.20/*0.20	0.20/*0.20	----		0.30	- 0.70	.0126	----	----	147	----	185 +	
1835	0.50	0.50		0.50/*0.20	0.50/*0.20	----		0.30	- 0.90	.0133	----	----	70	----	293 +	
1840	1.20	1.20		1.20/*0.30	1.20/*0.30	----		0.40	- 1.10	.0178	----	----	260	----	349 +	
1845	1.20	1.20		1.20/*0.40A	1.20/*0.40A	----		0.50	- 1.30	.0226	----	----	60	----	342 +	
1850	1.00	1.00		1.10/*0.50	1.10/*0.50	----		0.70	- 1.60	.0313	----	----	94	----	249 +	
1855	2.00	2.00		2.00/*0.60	2.00/*0.60	----		0.80	- 2.00	.0368	----	----	144	----	223 -	
1860	3.00	3.00		3.00/*0.90	3.00/*0.90	----		1.00	- 2.40	.0463	----	----	29	----	54 +	
1865	3.80	3.80		3.80/*1.00	3.80/*1.00	----		1.30	- 2.90	.0599	----	----	40	----	50 +	
1870	4.80	4.80		4.80/*1.30	4.80/*1.30	----		1.60	- 3.50	.0742	----	----	30	----	56 -	
1875	4.90	4.90		5.90B/*1.80	5.90B/*1.80	----		2.00	- 4.20	.0926	----	----	172	----	265 +	
1880	7.10	7.10		7.50B/*2.10	7.50B/*2.10	----		2.50	- 5.10	.1150	----	----	95	----	186 +	
1885	6.20	6.20		9.30B/*2.80	9.30B/*2.80	----		3.10	- 6.10	.1416	----	----	93	----	76 +	
1890	10.00	10.00		11.40B/*3.40	11.40B/*3.40	----		3.90	- 7.20	.1746	----	----	62	----	97 -	
1895	13.40	13.40		14.00/*4.40A	14.00/*4.40A	----		4.90	- 8.40	.2135	----	----	148	----	136 +	
1900	14.10	14.10		16.20B/*5.40	16.20B/*5.40	----		6.10	- 9.70	.2577	----	----	361	----	313 +	
1905	16.00	16.00		18.90B/*6.70A	18.90B/*6.70A	----		7.60	- 11.00	.3077	----	----	201	----	172 +	
1910	17.00	17.00		21.70B/*8.30A	21.70B/*8.30A	----		9.30	- 12.30	.3611	----	----	63	----	60 +	
1915	16.30	16.30		25.10B/*10.00	25.10B/*10.00	----		11.30	- 13.60	.4178	----	----	58	----	51 +	
1920	14.30	14.30		28.90B/*11.90	28.90B/*11.90	----		13.60	- 14.80	.4763	----	----	115	----	55 +	
1925	15.50	15.50		32.80B/*14.60A	32.80B/*14.60A	----		16.20	NEW	.5350	----	----	1	----	1 +	
1930	----	----		36.90B/*17.30A	36.90B/*17.30A	----		19.10	NEW	.5924	----	----	4	----	2 +	
TOTAL													2546		4974+	
	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	
OG3 CALL	GOLD			OPTIONS												
JAN23																
1770	----	----		#154.60B/127.60	#154.60B/127.60A	----		151.70	+ 22.90	1.0000	----	----	----	----	11 UNCH	
1775	----	----		#150.00B/122.10	#150.00B/122.10A	----		146.70	+ 22.90	1.0000	----	----	----	----		

	BULLETIN # 9@			METALS OPTION PRODUCTS							Fri, Jan 13, 2023			PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY 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	
OG3 CALL JAN23	GOLD OPTIONS													
2045	----	----		0.20B/----	0.20B/----	----	0.20 + 0.10	.0073	----	----	20	----	23 +	
2050	0.30	0.30		#0.30/*0.30	#0.30/*0.30	----	0.20 + 0.10	.0071	----	----	220	----	201 +	
2055	----	----		0.20B/----	0.20B/----	----	0.20 + 0.10	.0068	----	----	----	----	14 UNCH	
2060	0.20	0.20		0.20/*0.20	0.20/*0.20	----	0.20 + 0.10	.0066	----	----	10	----	25 +	
2065	----	----		0.20B/----	0.20B/----	----	0.20 NEW	.0064	----	----	10	----	10 +	
2075	0.20	0.20		#0.20/*0.20	#0.20/*0.20	----	0.20 NEW	.0061	----	----	5	----	5 +	
2080	0.30	0.30		#0.30/*0.20	#0.30/*0.20	----	0.20 NEW	.0059	----	----	10	----	5 +	
TOTAL											3415		6416+ 1064	
	GLOBEX OPEN	OPEN OPEN	OUTCRY 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	
OG2 PUT JAN23	GOLD OPTIONS													
1600	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 79	
1620	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 7	
1630	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 18	
1640	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 11	
1650	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 43	
1660	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 11	
1665	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 6	
1670	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 2	
1675	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 29	
1685	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 2	
1695	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 84	
1700	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 26	
1705	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 25	
1710	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 23	
1715	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 32	
1720	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 12	
1725	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 67	
1730	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 24	
1735	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 62	
1740	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 86	
1745	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 27	
1750	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 505	
1755	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 32	
1760	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 165	
1765	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 168	
1770	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 64	
1775	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 1510	
1780	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 132	
1785	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 132	
1790	0.10	0.10		0.10/0.10	0.10/0.10	----	0.00 - 0.10	----	----	----	20	----	0 - 219	
1795	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 321	
1800	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 1447	
1805	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 179	
1810	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 251	
1815	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 216	
1820	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 1338	
1825	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 332	
1830	----	----		----	----	----	0.00 - 0.10	----	----	----	----	----	0 - 308	
1835	----	----		----	----	----	0.00 - 0.10	----	----	----	1	----	0 - 152	
1840	0.10	0.10		0.10/0.10	0.10/0.10	----	0.00 - 0.10	----	----	----	7	----	0 - 294	
1845	----	----		----	----	----	0.00 - 0.10	----	----	----	1	----	0 - 228	
1850	0.10	0.10		0.10/0.10	0.10/0.10	----	0.00 - 0.10	----	----	----	20	----	0 - 2506	
1855	----	----		----/*0.10A	----/*0.10A	----	0.00 - 0.20	----	----	----	5	----	0 - 459	
1860	----	----		----/*0.10A	----/*0.10A	----	0.00 - 0.30	----	----	----	8	----	0 - 626	
1865	0.10	0.10		0.10/*0.10	0.10/*0.10	----	0.00 - 0.40	----	----	----	17	----	0 - 287	
1870	0.20	0.20		0.20/*0.10A	0.20/*0.10A	----	0.00 - 0.50	----	----	----	4	----	0 - 427	
1875	0.70	0.70		0.70/*0.10	0.70/*0.10	----	0.00 - 0.80	----	----	----	36	----	0 - 514	
1880	1.00	1.00		1.00/*0.10	1.00/*0.10	----	0.00 - 1.30	----	----	----	31	----	0 - 150	
1885	1.30	1.30		1.40/*0.10	1.40/*0.10	----	0.00 - 2.20	----	----	----	173	----	0 - 632	
1890	2.00	2.00		2.70/*0.10	2.70/*0.10	----	0.00 - 3.40	----	----	----	165	----	0 - 398	
1895	3.20	3.20		4.80B/*0.10	4.80B/*0.10	----	0.00 - 5.30	----	----	----	388	----	0 - 641	
1900	5.70	5.70		7.10/*0.10	7.10/*0.10	----	0.00 - 7.70	----	----	----	494	----	0 - 145	
1905	5.00	5.00		9.70B/*0.10	9.70B/*0.10	----	0.00 - 10.60	----	----	----	340	----	0 - 54	
1910	11.80	11.80		13.90B/*0.10A	13.90B/*0.10A	----	0.00 - 14.10	----	----	----	999	----	0 - 3	
1915	6.50	6.50		18.40B/*0.10A	18.40B/*0.10A	----	0.00 - 18.00	----	----	----	615	----	0 - 41	
1920	10.30	10.30		23.10B/*0.10A	23.10B/*0.10A	----	0.00 - 22.30	----	----	----	126	----	0 - 1	
1925	28.10	28.10		28.10/*3.00A	28.10/*3.00A	----	3.30 - 23.50	----	50	----	8	----	0 - 50	
1930	----	----		32.90B/*7.90A	32.90B/*7.90A	----	8.30 - 23.30	----	2	----	2	----	0 - 2	
1950	40.00	40.00		53.10B/*28.00A	53.10B/*28.00A	----	28.30 - 23.00	----	1	----	1	----	0 - 1	
TOTAL											3461		0 - 15606	
	GLOBEX OPEN	OPEN OPEN	OUTCRY 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	
OG2 CALL JAN23	GOLD OPTIONS													
1730	----	----		#192.00B/167.10	#192.00B/167.10A	----	191.70 + 22.80	----	1	----	----	----	0 - 1	
1750	----	----		#172.00B/147.10	#172.00B/147.10A	----	171.70 + 22.80	----	1	----	----	----	0 - 7	
1770	----	----		#152.00B/127.10	#152.00B/127.10A	----	151.70 + 22.80	----	7	----	6	----	0 - 7	
1775	----	----		#147.00B/122.10	#147.00B/122.10A	----	146.70 + 22.80	----	50	----	----	----	0 - 50	
1780	----	----		#142.00B/117.10	#142.00B/117.10A	----	141.70 + 22.80	----	71	----	----	----	0 - 71	
1785	----	----		#137.00B/112.10	#137.00B/112.10A	----	136.70 + 22.80	----	1	----	----	----	0 - 1	
1795	----	----		#127.00B/102.10	#127.00B/102.10A	----	126.70 + 22.80	----	3	----	----	----	0 - 3	
1800	----	----		#122.00B/97.10A	#122.00B/97.10A	----	121.70 + 22.80	----	22	----	----	----	0 - 22	
1805	----	----		#117.00B/92.10A	#117.00B/92.10A	----	116.70 + 22.80	----	34	----	----	----	0 - 34	
1810	----	----		#112.00B/87.10A	#112.00B/87.10A	----	111.70 + 22.80	----	30	----	----	----	0 - 30	
1815	----	----		#107.00B/82.10A	#107.00B/82.10A	----	106.70 + 22.80	----	45	----	----	----	0 - 45	
1820	----	----		#102.00B/										

	BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
OG1 PUT FEB23	GOLD OPTIONS															
1705	----	----	----	----/*0.20A	----/*0.20A	----	----	0.20 - 0.10	.0051	----	----	----	----	2	UNCH	
1710	----	----	----	----	----	----	----	0.20 - 0.10	.0052	----	----	----	----	2	UNCH	
1715	----	----	----	----	----	----	----	0.30 UNCH	.0075	----	----	----	----	14	UNCH	
1720	----	----	----	----/0.30A	----/0.30A	----	----	0.30 - 0.10	.0076	----	----	----	----	12	UNCH	
1725	----	----	----	----/*0.30A	----/*0.30A	----	----	0.30 NEW	.0078	----	----	1	----	1 +	1	
1730	----	----	----	----/*0.30A	----/*0.30A	----	----	0.30 - 0.10	.0080	----	----	----	----	6	UNCH	
1740	0.30	0.30	----	#0.30/*0.20	#0.30/*0.20	----	----	0.30 NEW	.0083	----	----	7	----	7 +	7	
1745	0.40	0.40	----	#0.40/*0.30	#0.40/*0.30	----	----	0.30 NEW	.0085	----	----	11	----	11 +	11	
1750	----	----	----	----/*0.30A	----/*0.30A	----	----	0.30 - 0.40	.0087	----	----	----	----	22	UNCH	
1755	0.30	0.30	----	0.30/*0.30	0.30/*0.30	----	----	0.40 - 0.30	.0113	----	----	5	----	24	UNCH	
1760	----	----	----	----/*0.40A	----/*0.40A	----	----	0.40 - 0.40	.0115	----	----	----	----	21	UNCH	
1765	0.40	0.40	----	0.40/*0.40	0.40/*0.40	----	----	0.40 - 0.50	.0118	----	----	5	----	43 +	5	
1775	----	----	----	----/*0.60A	----/*0.60A	----	----	0.50 - 0.60	.0149	----	----	----	----	5	UNCH	
1795	----	----	----	----/*0.80A	----/*0.80A	----	----	0.80 - 0.90	.0239	----	----	----	----	1	UNCH	
1800	1.20	1.20	----	1.20/*0.90A	1.20/*0.90A	----	----	0.90 - 1.00	.0269	----	----	9	----	7 -	5	
1805	2.00	2.00	----	2.00/*1.10A	2.00/*1.10A	----	----	1.00 - 1.10	.0300	----	----	2	----	8 +	2	
1810	----	----	----	----/*1.20A	----/*1.20A	----	----	1.20 - 1.20	.0353	----	----	----	----	1	UNCH	
1815	----	----	----	----/*1.40A	----/*1.40A	----	----	1.30 - 1.40	.0386	----	----	1	----	20	UNCH	
1825	----	----	----	----/*1.70A	----/*1.70A	----	----	1.70 - 1.70	.0499	----	----	----	----	1	UNCH	
1830	2.00	2.00	----	2.00/*1.90A	2.00/*1.90A	----	----	2.00 - 1.80	.0577	----	----	3	----	5 +	1	
1840	----	----	----	----/*2.50A	----/*2.50A	----	----	2.50 - 2.30	.0718	----	----	----	----	7	UNCH	
1850	3.20	3.20	----	3.20/*3.20	3.20/*3.20	----	----	3.20 - 2.80	.0905	----	----	6	----	7 +	5	
1855	4.50	4.50	----	4.50/*3.60	4.50/*3.60	----	----	3.70 - 3.10	.1029	----	----	3	----	3 +	1	
1870	----	----	----	----/*5.30A	----/*5.30A	----	----	5.50 - 4.30	.1458	----	----	----	----	1	UNCH	
1875	9.30	9.30	----	9.30/*5.80	9.30/*5.80	----	----	6.20 - 4.80	.1622	----	----	152	----	119 -	9	
1880	8.30	8.30	----	12.50B/*6.80A	12.50B/*6.80A	----	----	7.10 - 5.30	.1815	----	----	8	----	35 +	8	
1885	9.40	9.40	----	14.10B/*7.70A	14.10B/*7.70A	----	----	8.10 NEW	.2022	----	----	7	----	7 +	7	
1890	----	----	----	15.90B/*8.70A	15.90B/*8.70A	----	----	9.10 - 6.50	.2231	----	----	2	----	201	UNCH	
1895	12.30	12.30	----	17.90B/*9.80A	17.90B/*9.80A	----	----	10.30 NEW	.2464	----	----	152	----	115 +	115	
1900	14.10	14.10	----	20.00B/*11.10A	20.00B/*11.10A	----	----	11.70 NEW	.2717	----	----	91	----	87 +	87	
1905	15.60	15.60	----	22.30B/*12.50A	22.30B/*12.50A	----	----	13.20 - 8.40	.2979	----	----	24	----	35 +	23	
1910	----	----	----	24.80B/*14.00A	24.80B/*14.00A	----	----	14.80 - 9.10	.3249	----	----	3	----	10 +	2	
1915	16.20	16.20	----	27.40B/*15.60A	27.40B/*15.60A	----	----	16.60 - 9.80	.3532	----	----	3	----	11 +	3	
1920	----	----	----	29.90B/*17.40A	29.90B/*17.40A	----	----	18.50 NEW	.3820	----	----	1	----	1 +	1	
1925	----	----	----	32.80B/*19.40A	32.80B/*19.40A	----	----	20.60 - 11.20	.4117	----	----	50	----	52 +	50	
1930	22.30	22.30	----	35.50B/*21.50A	35.50B/*21.50A	----	----	22.80 - 12.00	.4416	----	----	1	----	3 +	1	
1935	29.80	29.80	----	38.60B/*23.80A	38.60B/*23.80A	----	----	25.20 NEW	.4718	----	----	1	----	1 +	1	
1945	----	----	----	45.20B/*28.90A	45.20B/*28.90A	----	----	30.50 - 14.00	.5319	----	----	----	----	3	UNCH	
TOTAL												548		911+	317	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
OG1 CALL FEB23	GOLD OPTIONS															
1790	----	----	----	#152.00B/125.30	#152.00B/125.30A	----	----	149.00 NEW	.9788	----	----	6	----	6 +	6	
1810	----	----	----	#132.30B/106.10	#132.30B/106.10A	----	----	129.50 + 21.80	.9643	----	----	----	----	55	UNCH	
1815	----	----	----	#127.50B/101.40	#127.50B/101.40A	----	----	124.60 NEW	.9610	----	----	63	----	63 +	63	
1865	60.50	60.50	----	#81.00B/57.40A	#81.00B/57.40A	----	----	78.10 + 19.00	.8697	----	----	2	----	2	UNCH	
1875	----	----	----	#72.40B/49.90A	#72.40B/49.90A	----	----	69.60 + 18.20	.8373	----	----	----	----	40	UNCH	
1890	----	----	----	#60.10B/39.70A	#60.10B/39.70A	----	----	57.50 + 16.40	.7763	----	----	----	----	1	UNCH	
1905	40.80	40.80	----	#48.80B/30.00A	#48.80B/30.00A	----	----	46.60 + 14.50	.7015	----	----	2	----	3 -	2	
1910	40.00	40.00	----	#45.30B/27.50A	#45.30B/27.50A	----	----	43.20 + 13.80	.6745	----	----	6	----	16	UNCH	
1915	----	----	----	#42.00B/25.10A	#42.00B/25.10A	----	----	40.00 + 13.10	.6462	----	----	1	----	7	UNCH	
1920	----	----	----	#38.80B/22.90A	#38.80B/22.90A	----	----	37.00 + 12.50	.6174	----	----	----	----	3	UNCH	
1925	----	----	----	#35.80B/20.80A	#35.80B/20.80A	----	----	34.10 + 11.80	.5877	----	----	4	----	6 +	2	
1930	24.50	24.50	----	#33.00B/18.90A	#33.00B/18.90A	----	----	31.30 + 11.00	.5578	----	----	1	----	3 +	1	
1935	23.90	23.90	----	#30.40B/17.10A	#30.40B/17.10A	----	----	28.70 + 10.30	.5276	----	----	1	----	33	UNCH	
1940	----	----	----	#27.80B/15.50A	#27.80B/15.50A	----	----	26.30 + 9.70	.4975	----	----	3	----	15	UNCH	
1945	25.30	25.30	----	#25.50B/14.00A	#25.50B/14.00A	----	----	24.00 + 9.00	.4675	----	----	7	----	26 +	7	
1950	14.10	14.10	----	#23.30B/12.60A	#23.30B/12.60A	----	----	21.90 + 8.30	.4381	----	----	10	----	201 -	4	
1955	21.40	21.40	----	#21.40/11.40A	#21.40/11.40A	----	----	19.90 + 7.70	.4092	----	----	7	----	17 +	7	
1960	11.80	11.80	----	#19.30B/10.30A	#19.30B/10.30A	----	----	18.10 + 7.10	.3812	----	----	4	----	16 +	1	
1965	----	----	----	#17.50B/9.30A	#17.50B/9.30A	----	----	16.40 + 6.50	.3540	----	----	----	----	6	UNCH	
1975	----	----	----	#14.40B/7.50A	#14.40B/7.50A	----	----	13.50 + 5.60	.3035	----	----	1	----	0 -	1	
1980	----	----	----	#13.00B/6.80A	#13.00B/6.80A	----	----	12.20 + 5.10	.2799	----	----	1	----	16 +	1	
1985	----	----	----	#11.80B/6.10A	#11.80B/6.10A	----	----	11.00 + 4.60	.2574	----	----	8	----	8	UNCH	
1990	----	----	----	#10.60B/5.50A	#10.60B/5.50A	----	----	10.00 + 4.30	.2371	----	----	----	----	1	UNCH	
1995	----	----	----	#9.60B/5.00A	#9.60B/5.00A	----	----	9.00 + 3.90	.2172	----	----	1	----	25	UNCH	
2000	8.00	8.00	----	#8.70B/4.50A	#8.70B/4.50A	----	----	8.10 + 3.50	.1987	----	----	11	----	30 +	10	
2010	7.00	7.00	----	#7.10B/7.00	#7.10B/7.00	----	----	6.60 + 2.90	.1661	----	----	1	----	9 +	1	
2025	----	----	----	#5.20B/----	#5.20B/----	----	----	4.90 + 2.20	.1268	----	----	----	----	5	UNCH	
2030	----	----	----	#4.70B/----	#4.70B/----	----	----	4.50 + 2.00	.1167	----	----	----	----	24	UNCH	
2045	2.00	2.00	----	#3.50B/1.90A	#3.50B/1.90A	----	----	3.30 + 1.50	.0877	----	----	2	----	55 +	2	
2070	2.20	2.20	----	#2.20/2.20	#2.20/2.20	----										

	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 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 FEB23	COMEX GOLD OPTIONS												
1555	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	39	UNCH
1560	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	----	----	----	1	----	36	UNCH
1565	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	54	UNCH
1570	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	216	UNCH
1575	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	139	UNCH
1580	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	181	UNCH
1585	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	52	UNCH
1590	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	149	UNCH
1595	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	108	UNCH
1600	----	----	----	----	----	0.10 UNCH	----	----	----	31	----	1940	- 25
1605	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	75	UNCH
1610	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	----	----	----	1	----	303	UNCH
1615	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	144	UNCH
1620	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	531	UNCH
1625	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	774	UNCH
1630	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	217	UNCH
1635	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	408	UNCH
1640	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	170	UNCH
1645	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	67	UNCH
1650	----	----	----	----	----	0.10 UNCH	.0000	----	----	7	----	3663	- 2
1655	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	224	UNCH
1660	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	662	UNCH
1665	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	171	UNCH
1670	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0000	----	----	1	----	2203	UNCH
1675	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0000	----	----	619	----	3453	- 95
1680	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	661	UNCH
1685	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	314	UNCH
1690	----	----	----	----	----	0.10 UNCH	.0001	----	----	----	----	580	UNCH
1695	----	----	----	----	----	0.10 UNCH	.0001	----	----	----	----	158	UNCH
1700	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0002	----	----	3	----	2787	UNCH
1705	----	----	----	----	----	0.10 UNCH	.0002	----	----	----	----	204	UNCH
1710	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0003	----	----	52	----	1005	+ 6
1715	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0005	----	----	10	----	284	+ 10
1720	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0006	----	----	20	----	641	- 1
1725	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0009	----	----	10	----	2344	+ 8
1730	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0012	----	----	6	----	537	+ 4
1735	----	----	----	----	----	0.10 UNCH	.0015	----	----	75	----	900	+ 25
1740	0.10	0.10	0.10/0.10	0.10/0.10	----	0.10 UNCH	.0020	----	----	7	----	1172	- 1
1745	----	----	----	----	----	0.10 - 0.10	.0026	----	----	2	----	542	UNCH
1750	0.20	0.20	0.20/0.20	0.20/0.20	----	0.10 - 0.10	.0034	----	----	54	----	3832	+ 21
1755	0.10	0.10	0.20/*0.10	0.20/*0.10	----	0.20 - 0.10	.0063	----	----	4	----	671	- 1
1760	----	----	----/0.20A	----/0.20A	----	0.20 - 0.10	.0065	----	----	2	----	536	- 1
1765	----	----	----/*0.20A	----/*0.20A	----	0.20 - 0.10	.0067	----	----	5	----	592	UNCH
1770	0.30	0.30	0.30/*0.20	0.30/*0.20	----	0.30 - 0.10	.0097	----	----	102	----	751	+ 16
1775	0.30	0.30	0.30/*0.20	0.30/*0.20	----	0.30 - 0.10	.0100	----	----	16	----	2110	- 15
1780	0.30	0.30	0.30/*0.20A	0.30/*0.20A	----	0.30 - 0.20	.0103	----	----	24	----	946	UNCH
1785	0.50	0.50	0.50/*0.30	0.50/*0.30	----	0.30 - 0.30	.0106	----	----	6	----	489	UNCH
1790	----	----	----/*0.30A	----/*0.30A	----	0.30 - 0.40	.0109	----	----	37	----	1133	UNCH
1795	0.50	0.50	0.50/*0.30A	0.50/*0.30A	----	0.40 - 0.40	.0143	----	----	6	----	133	- 1
1800	0.70	0.70	0.80/*0.30	0.80/*0.30	----	0.40 - 0.50	.0148	----	----	203	----	2492	+ 97
1805	0.50	0.50	0.50/*0.40A	0.50/*0.40A	----	0.50 - 0.60	.0184	----	----	4	----	178	UNCH
1810	1.10	1.10	1.10/*0.40	1.10/*0.40	----	0.50 - 0.70	.0191	----	----	4	----	486	- 1
1815	1.30	1.30	1.30/*0.60A	1.30/*0.60A	----	0.60 - 0.90	.0228	----	----	44	----	363	- 37
1820	1.50	1.50	1.60/*0.60A	1.60/*0.60A	----	0.70 - 1.00	.0268	----	----	19	----	1721	+ 11
1825	1.90	1.90	1.90/*0.80A	1.90/*0.80A	----	0.80 - 1.20	.0309	----	----	73	----	1525	- 13
1830	2.30	2.30	2.30/*0.90A	2.30/*0.90A	----	0.90 - 1.50	.0352	----	----	70	----	615	- 32
1835	2.40	2.40	2.40/*1.00A	2.40/*1.00A	----	1.10 - 1.70	.0426	----	----	446	----	918	+ 372
1840	3.00	3.00	3.00/*1.10	3.00/*1.10	----	1.30 - 2.00	.0502	----	----	384	----	573	+ 13
1845	2.50	2.50	3.30/*1.40	3.30/*1.40	----	1.50 - 2.40	.0582	----	----	30	----	143	+ 1
1850	4.00	4.00	4.00/*1.70	4.00/*1.70	----	1.80 - 2.70	.0693	----	----	1330	100	2456	+ 546
1855	3.00	3.00	3.00/*2.00	3.00/*2.00	----	2.10 - 3.20	.0807	----	----	34	----	139	+ 7
1860	5.70	5.70	5.70/*2.30	5.70/*2.30	----	2.60 - 3.60	.0975	----	----	457	----	909	+ 12
1865	5.90	5.90	6.90/*2.80	6.90/*2.80	----	3.10 - 4.20	.1147	----	----	253	----	468	- 120
1870	6.60	6.60	7.40/*3.50	7.40/*3.50	----	3.70 - 4.90	.1346	----	----	192	----	433	+ 77
1875	9.20	9.20	10.00B/*4.10A	10.00B/*4.10A	----	4.40 - 5.60	.1571	----	----	521	----	567	+ 229
1880	10.50	10.50	11.80B/*4.90	11.80B/*4.90	----	5.30 - 6.30	.1838	----	----	105	----	406	+ 15
1885	13.90	13.90	13.90/*5.80A	13.90/*5.80A	----	6.30 - 7.10	.2126	----	----	176	----	85	+ 8
1890	11.80	11.80	16.10B/*6.80A	16.10B/*6.80A	----	7.40 - 8.10	.2436	----	----	83	150	304	+ 146
1895	18.00	18.00	18.40B/*8.00A	18.40B/*8.00A	----	8.80 - 9.00	.2790	----	----	67	----	71	+ 27
1900	19.50	19.50	21.10B/*9.40	21.10B/*9.40	----	10.30 - 9.90	.3157	----	----	567	----	865	+ 232
1905	18.20	18.20	23.70B/*11.00A	23.70B/*11.00A	----	12.00 - 11.00	.3547	----	----	58	----	360	+ 47
1910	19.80	19.80	26.50B/*12.80A	26.50B/*12.80A	----	14.00 - 11.90	.3960	----	----	237	----	407	+ 144
1915	23.50	23.50	29.40B/*14.80A	29.40B/*14.80A	----	16.10 - 12.90	.4378	----	----	280	----	272	+ 259
1920	23.90	23.90	32.90B/*17.00A	32.90B/*17.00A	----	18.50 - 13.80	.4804	----	----	109	----	107	+ 99
1925	27.80	27.80	36.50B/*19.50A	36.50B/*19.50A	----	21.10 - 14.70	.5230	----	----	8	----	122	+ 3
1930	----	----	40.30B/*22.20A	40.30B/*22.20A	----	23.90 - 15.60	.5650	----	----	1	----	7	+ 1
1935	42.40	42.40	44.30B/*25.10A	44.30B/*25.10A	----	26.90 - 16.50	.6054	----	----	2	----	21	+ 2
1940	43.30	43.30	48.40B/*28.20A	48.40B/*28.20A	----	30.20 - 17.10	.6448	----	----	1	----	8	UNCH
1945	----	----	52.60B/*31.50A										



	BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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														
MAR23															
1515	----	----	----	----	----	0.20	UNCH	.0032	----	----	----	----	210	UNCH	
1520	----	----	----	----	----	0.20	UNCH	.0032	----	----	----	----	116	UNCH	
1525	----	----	----	----	----	0.20	UNCH	.0032	----	----	----	----	217	UNCH	
1530	----	----	----	----	----	0.20	UNCH	.0033	----	----	----	----	39	UNCH	
1535	----	----	----	----	----	0.20	UNCH	.0033	----	----	----	----	64	UNCH	
1540	----	----	----	----	----	0.20	UNCH	.0034	----	----	----	----	35	UNCH	
1545	----	----	----	----	----	0.20	UNCH	.0034	----	----	----	----	11	UNCH	
1550	----	----	----	----	----	0.20	UNCH	.0034	----	----	----	----	220	UNCH	
1555	----	----	----	----	----	0.20	UNCH	.0035	----	----	----	----	36	UNCH	
1560	----	----	----	----	----	0.20	UNCH	.0035	----	----	7	----	285	- 4	
1565	----	----	----	----	----	0.20	UNCH	.0036	----	----	----	----	71	UNCH	
1570	----	----	----	----	----	0.20	UNCH	.0036	----	----	1	----	465	UNCH	
1575	0.20	0.20	0.20/*0.20	0.20/*0.20	0.20	0.20	UNCH	.0037	----	----	5	----	585	UNCH	
1580	0.20	0.20	0.20/*0.20	0.20/*0.20	0.20	0.20	UNCH	.0037	----	----	33	----	231	+ 1	
1585	----	----	----	----	----	0.20	UNCH	.0038	----	----	1	----	63	- 1	
1590	----	----	----	----	----	0.20	UNCH	.0038	----	----	----	----	207	UNCH	
1595	----	----	----	----	----	0.20	UNCH	.0039	----	----	----	----	171	UNCH	
1600	0.20	0.20	0.20/*0.20	0.20/*0.20	0.20	0.20	- 0.10	.0039	----	----	43	----	6420	UNCH	
1605	----	----	----	----	----	0.30	UNCH	.0056	----	----	----	----	97	UNCH	
1610	0.20	0.20	0.20/*0.20	0.20/*0.20	0.20	0.30	UNCH	.0057	----	----	2	----	60	UNCH	
1615	----	----	----	----	----	0.30	UNCH	.0058	----	----	----	----	103	UNCH	
1620	0.20	0.20	0.20/*0.20	0.20/*0.20	0.20	0.30	UNCH	.0058	----	----	43	----	151	+ 40	
1625	0.30	0.30	0.30/*0.30	0.30/*0.30	0.30	0.30	UNCH	.0059	----	----	40	----	277	+ 38	
1630	----	----	----/*0.30A	----/*0.30A	0.30	0.30	- 0.10	.0060	----	----	----	----	587	UNCH	
1635	----	----	----/*0.30A	----/*0.30A	0.30	0.30	- 0.10	.0061	----	----	----	----	478	UNCH	
1640	0.30	0.30	0.30/*0.30	0.30/*0.30	0.30	0.30	- 0.10	.0062	----	----	3	----	236	+ 2	
1645	0.20	0.20	0.20/*0.20	0.20/*0.20	0.40	0.40	UNCH	.0080	----	----	39	----	151	+ 37	
1650	0.50	0.50	0.50/*0.30	0.50/*0.30	0.40	0.40	- 0.10	.0081	----	----	31	----	3399	- 1	
1655	0.50	0.50	0.50/*0.30	0.50/*0.30	0.40	0.40	- 0.10	.0082	----	----	82	----	142	+ 63	
1660	0.40	0.40	0.40/*0.40	0.40/*0.40	0.40	0.40	- 0.10	.0083	----	----	3	----	59	UNCH	
1665	0.40	0.40	0.40/*0.40	0.40/*0.40	0.40	0.40	- 0.20	.0085	----	----	18	----	188	UNCH	
1670	----	----	----/*0.50A	----/*0.50A	0.50	0.50	- 0.10	.0103	----	----	9	----	116	- 3	
1675	0.50	0.50	0.50/*0.50	0.50/*0.50	0.50	0.50	- 0.20	.0105	----	----	24	----	315	- 2	
1680	0.80	0.80	0.80/*0.50A	0.80/*0.50A	0.50	0.50	- 0.20	.0107	----	----	2	----	1519	UNCH	
1685	----	----	----/*0.50A	----/*0.50A	0.60	0.60	- 0.20	.0125	----	----	52	----	135	+ 47	
1690	0.90	0.90	0.90/*0.60A	0.90/*0.60A	0.60	0.60	- 0.30	.0128	----	----	13	----	540	+ 11	
1695	0.70	0.70	0.70/*0.60	0.70/*0.60	0.70	0.70	- 0.20	.0146	----	----	6	----	112	- 6	
1700	0.90	0.90	0.90/*0.70	0.90/*0.70	0.70	0.70	- 0.30	.0149	----	----	118	----	2930	- 11	
1705	0.70	0.70	0.70/*0.70	0.70/*0.70	0.70	0.70	- 0.40	.0152	----	----	16	----	43	+ 3	
1710	0.80	0.80	0.80/*0.80	0.80/*0.80	0.80	0.80	- 0.40	.0172	----	----	5	----	92	+ 1	
1715	----	----	----/*0.80A	----/*0.80A	0.90	0.90	- 0.40	.0191	----	----	36	----	97	+ 24	
1720	1.40	1.40	1.40/*0.90	1.40/*0.90	0.90	0.90	- 0.50	.0195	----	----	4	----	145	+ 1	
1725	1.30	1.30	1.30/*1.00	1.30/*1.00	1.00	1.00	- 0.50	.0215	----	----	20	----	4766	- 1	
1730	1.50	1.50	1.50/*1.00	1.50/*1.00	1.10	1.10	- 0.60	.0236	----	----	14	----	49	- 2	
1735	----	----	----/*1.10A	----/*1.10A	1.20	1.20	- 0.60	.0257	----	----	2	----	69	- 1	
1740	1.80	1.80	1.80/*1.10	1.80/*1.10	1.30	1.30	- 0.70	.0278	----	----	19	----	270	UNCH	
1745	1.60	1.60	1.60/*1.30A	1.60/*1.30A	1.40	1.40	- 0.70	.0300	----	----	3	----	421	+ 3	
1750	2.00	2.00	2.10/*1.40	2.10/*1.40	1.50	1.50	- 0.80	.0322	----	----	290	----	1707	- 52	
1755	1.50	1.50	1.50/*1.50	1.50/*1.50	1.60	1.60	- 0.90	.0344	----	----	4	----	236	UNCH	
1760	1.60	1.60	1.60/*1.60	1.60/*1.60	1.70	1.70	- 1.00	.0368	----	----	4	----	218	- 3	
1765	2.60	2.60	2.80B/*1.80A	2.80B/*1.80A	1.90	1.90	- 1.00	.0407	----	----	12	----	47	- 7	
1770	2.50	2.50	2.50/*2.00A	2.50/*2.00A	2.10	2.10	- 1.10	.0446	----	----	18	----	464	+ 15	
1775	3.00	3.00	3.10/*2.20A	3.10/*2.20A	2.20	2.20	- 1.30	.0472	----	----	48	----	1213	- 20	
1780	3.40	3.40	3.40/*2.40A	3.40/*2.40A	2.40	2.40	- 1.40	.0513	----	----	4	----	100	+ 3	
1785	3.00	3.00	3.00/*2.60A	3.00/*2.60A	2.70	2.70	- 1.40	.0569	----	----	4	----	213	UNCH	
1790	3.90	3.90	4.20/*2.80A	4.20/*2.80A	2.90	2.90	- 1.60	.0611	----	----	45	----	102	+ 25	
1795	4.50	4.50	4.50/*3.10A	4.50/*3.10A	3.20	3.20	- 1.70	.0669	----	----	4	----	84	- 2	
1800	5.00	5.00	5.20/*3.30	5.20/*3.30	3.50	3.50	- 1.80	.0727	----	----	2488	400	4624	+ 1585	
1805	4.70	4.70	4.70/*3.70	4.70/*3.70	3.80	3.80	- 2.00	.0786	----	----	8	----	50	+ 5	
1810	5.80	5.80	5.80/*4.00A	5.80/*4.00A	4.20	4.20	- 2.10	.0859	----	----	630	----	1024	+ 572	
1815	6.10	6.10	6.10/*4.40	6.10/*4.40	4.60	4.60	- 2.30	.0934	----	----	9	----	283	- 3	
1820	7.20	7.20	7.30/*4.80	7.30/*4.80	5.00	5.00	- 2.50	.1009	----	----	208	----	487	- 54	
1825	6.50	6.50	6.50/*5.30	6.50/*5.30	5.50	5.50	- 2.70	.1098	----	----	35	----	290	- 1	
1830	8.00	8.00	8.00/*5.80A	8.00/*5.80A	6.00	6.00	- 3.00	.1188	----	----	33	----	256	- 7	
1835	9.70	9.70	9.70/*6.40	9.70/*6.40	6.60	6.60	- 3.20	.1290	----	----	162	----	144	- 42	
1840	10.10	10.10	10.10/*7.00	10.10/*7.00	7.30	7.30	- 3.40	.1404	----	----	74	----	307	+ 27	
1845	7.90	7.90	11.80B/*7.60A	11.80B/*7.60A	7.90	7.90	- 3.80	.1509	----	----	16	----	66	+ 2	
1850	12.20	12.20	13.00/*8.30	13.00/*8.30	8.70	8.70	- 4.10	.1636	----	----	2185	----	2543	+ 1285	
1855	13.30	13.30	14.10B/*9.10	14.10B/*9.10	9.50	9.50	- 4.50	.1763	----	----	38	----	237	+ 27	
1860	14.60	14.60	15.40B/*10.00	15.40B/*10.00	10.50	10.50	- 4.70	.1910	----	----	78	----	169	+ 31	
1865	16.10	16.10	16.80B/*11.00A	16.80B/*11.00A	11.40	11.40	- 5.20	.2050	----	----	36	----	60	+ 20	
1870	18.40	18.40	18.40/*12.00A	18.40/*12.00A											

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															
APR23	----	----	----	----	----	----	----	----	0.10 - 0.10	.0009	----	----	----	----	70	UNCH
1410	----	----	----	----	----	----	----	----	0.10 - 0.10	.0011	----	----	----	----	3	UNCH
1420	----	----	----	----	----	----	----	----	0.10 - 0.10	.0013	----	----	----	----	304	UNCH
1425	----	----	----	----	----	----	----	----	0.10 - 0.10	.0014	----	----	----	----	19	UNCH
1430	----	----	----	----	----	----	----	----	0.20 - 0.10	.0026	----	----	----	----	51	UNCH
1440	----	----	----	----	----	----	----	----	0.20 - 0.10	.0027	----	----	----	----	90	UNCH
1450	----	----	----	----	----	----	----	----	0.20 - 0.10	.0028	----	----	----	----	131	UNCH
1460	----	----	----	----	----	----	----	----	0.20 - 0.10	.0028	----	----	----	----	5	UNCH
1465	----	----	----	----	----	----	----	----	0.20 - 0.10	.0028	----	----	----	----	102	UNCH
1470	----	----	----	----	----	----	----	----	0.20 - 0.10	.0028	----	----	----	----	7	UNCH
1475	----	----	----	----	----	----	----	----	0.20 - 0.10	.0029	----	----	7	----	562	+
1480	----	----	----	----	----	----	----	----	0.30 - 0.10	.0041	----	----	----	----	33	UNCH
1485	----	----	----	----	----	----	----	----	0.30 - 0.10	.0042	----	----	5	----	87	UNCH
1490	----	----	----	----	----	----	----	----	0.30 - 0.10	.0043	----	----	40	----	1590	-
1500	0.30	0.30	0.30	0.30/0.30	0.30/0.30	0.30/0.30	0.30	0.30	0.30 - 0.10	.0043	----	----	11	----	42	+
1505	0.30	0.30	0.30	0.30/*0.30	0.30/*0.30	0.30/*0.30	0.30	0.30	0.30 - 0.10	.0044	----	----	----	----	24	UNCH
1510	0.30	0.30	0.30	0.30/*0.30	0.30/*0.30	0.30/*0.30	0.30	0.30	0.30 - 0.10	.0044	----	----	----	----	141	UNCH
1515	----	----	----	----	----	----	----	----	0.40 - 0.10	.0056	----	----	6	----	18	+
1520	0.40	0.40	0.40	0.40/*0.30	0.40/*0.30	0.40/*0.30	0.40	0.40	0.40 - 0.10	.0057	----	----	110	----	152	+
1525	0.40	0.40	0.40	0.40/*0.30	0.40/*0.30	0.40/*0.30	0.40	0.40	0.40 - 0.10	.0058	----	----	40	----	47	+
1530	0.40	0.40	0.40	0.40/*0.40A	0.40/*0.40A	0.40/*0.40A	0.40	0.40	0.40 - 0.10	.0058	----	----	----	----	61	UNCH
1535	----	----	----	----	----	----	----	----	0.40 - 0.10	.0059	----	----	35	----	105	+
1540	0.50	0.50	0.50	0.50/*0.30	0.50/*0.30	0.50/*0.30	0.50	0.50	0.50 - 0.10	.0072	----	----	----	----	17	UNCH
1545	----	----	----	----	----	----	----	----	0.50 - 0.10	.0073	----	----	4	----	665	UNCH
1550	----	----	----	----	----	----	----	----	0.50 - 0.10	.0074	----	----	100	----	114	+
1555	0.40	0.40	0.40	0.40/*0.40	0.40/*0.40	0.40/*0.40	0.60	0.60	0.50 - 0.20	.0075	----	----	3	----	19	-
1560	0.60	0.60	0.60	0.60/*0.50A	0.60/*0.50A	0.60/*0.50A	0.60	0.60	0.60 - 0.10	.0087	----	----	----	----	11	UNCH
1565	----	----	----	----	----	----	----	----	0.60 - 0.10	.0089	----	----	----	----	49	UNCH
1570	----	----	----	----	----	----	----	----	0.60 - 0.10	.0090	----	----	4	----	435	UNCH
1575	----	----	----	----	----	----	----	----	0.70 - 0.20	.0091	----	----	1	----	42	UNCH
1580	0.70	0.70	0.70	0.70/*0.60A	0.70/*0.60A	0.70/*0.60A	0.70	0.70	0.70 - 0.20	.0104	----	----	----	----	31	UNCH
1585	----	----	----	----	----	----	----	----	0.70 - 0.20	.0106	----	----	----	----	101	UNCH
1590	----	----	----	----	----	----	----	----	0.80 - 0.20	.0119	----	----	1	----	50	-
1595	----	----	----	----	----	----	----	----	0.80 - 0.30	.0120	----	----	47	----	1663	-
1600	1.00	1.00	1.00	1.00/*0.70	1.00/*0.70	1.00/*0.70	0.80	0.80	0.80 - 0.30	.0122	----	----	1	----	32	+
1605	0.80	0.80	0.80	0.80/*0.80	0.80/*0.80	0.80/*0.80	0.90	0.90	0.90 - 0.30	.0136	----	----	4	----	74	-
1610	1.00	1.00	1.00	0.80/*0.80	0.80/*0.80	0.80/*0.80	0.90	0.90	0.90 - 0.40	.0138	----	----	3	----	13	+
1615	0.80	0.80	0.80	1.10/*0.90	1.10/*0.90	1.10/*0.90	1.00	1.00	1.00 - 0.30	.0152	----	----	7	----	109	+
1620	1.10	1.10	1.10	1.30/*1.00	1.30/*1.00	1.30/*1.00	1.10	1.10	1.10 - 0.30	.0165	----	----	8	----	445	UNCH
1625	1.30	1.30	1.30	1.30/*1.10A	1.30/*1.10A	1.30/*1.10A	1.10	1.10	1.10 - 0.40	.0168	----	----	36	----	161	-
1630	1.30	1.30	1.30	----	----	----	1.20	1.20	1.20 - 0.40	.0182	----	----	----	----	25	UNCH
1635	----	----	----	----	----	----	1.30	1.30	1.30 - 0.40	.0196	----	----	1	----	35	UNCH
1640	1.50	1.50	1.50	1.50/*1.20A	1.50/*1.20A	1.50/*1.20A	1.30	1.30	1.30 - 0.50	.0199	----	----	3	----	46	+
1645	----	----	----	----	----	----	1.40	1.40	1.40 - 0.50	.0214	----	----	7	----	1571	+
1650	1.60	1.60	1.60	1.60/*1.30A	1.60/*1.30A	1.60/*1.30A	1.50	1.50	1.50 - 0.50	.0229	----	----	3	----	26	+
1655	----	----	----	----	----	----	1.60	1.60	1.60 - 0.50	.0244	----	----	6	----	549	+
1660	----	----	----	----	----	----	1.70	1.70	1.70 - 0.60	.0259	----	----	3	----	44	+
1665	1.60	1.60	1.60	1.60/*1.60	1.60/*1.60	1.60/*1.60	1.80	1.80	1.80 - 0.60	.0274	----	----	1	----	43	+
1670	----	----	----	----	----	----	1.90	1.90	1.90 - 0.60	.0290	----	----	7	----	232	+
1675	2.00	2.00	2.00	2.00/*1.80A	2.00/*1.80A	2.00/*1.80A	2.00	2.00	2.00 - 0.70	.0306	----	----	7	----	115	+
1680	2.20	2.20	2.20	2.20/*1.90A	2.20/*1.90A	2.20/*1.90A	2.10	2.10	2.10 - 0.80	.0322	----	----	7	----	77	+
1685	2.60	2.60	2.60	2.60/*2.10A	2.60/*2.10A	2.60/*2.10A	2.30	2.30	2.30 - 0.70	.0349	----	----	89	----	103	-
1690	2.50	2.50	2.50	----	----	----	2.40	2.40	2.40 - 0.80	.0366	----	----	1	----	87	UNCH
1695	----	----	----	----	----	----	2.60	2.60	2.60 - 0.80	.0394	----	1179	----	----	1959	+
1700	3.20	3.20	3.20	3.50/*2.50	3.50/*2.50	3.50/*2.50	2.70	2.70	2.70 - 0.90	.0411	----	10	----	----	211	-
1705	3.50	3.50	3.50	3.60/*2.60	3.60/*2.60	3.60/*2.60	2.90	2.90	2.90 - 1.00	.0440	----	3	----	----	1025	UNCH
1710	3.60	3.60	3.60	3.50/*3.00A	3.50/*3.00A	3.50/*3.00A	3.10	3.10	3.10 - 1.00	.0469	----	2	----	----	265	+
1715	3.50	3.50	3.50	----	----	----	3.30	3.30	3.30 - 1.10	.0498	----	1	----	----	56	+
1720	----	----	----	3.70/*3.20A	3.70/*3.20A	3.70/*3.20A	3.50	3.50	3.50 - 1.20	.0528	----	10	----	----	314	+
1725	3.70	3.70	3.70	3.70/*3.40A	3.70/*3.40A	3.70/*3.40A	3.70	3.70	3.70 - 1.30	.0558	----	2	----	----	178	+
1730	4.10	4.10	4.10	3.70/*3.70A	3.70/*3.70A	3.70/*3.70A	4.00	4.00	4.00 - 1.30	.0599	----	14	----	----	53	+
1735	----	----	----	5.10/*4.20	5.10/*4.20	5.10/*4.20	4.30	4.30	4.30 - 1.30	.0640	----	14	----	----	183	+
1740	5.10	5.10	5.10	5.10/*4.50A	5.10/*4.50A	5.10/*4.50A	4.50	4.50	4.50 - 1.50	.0672	----	2	----	----	54	+
1745	5.10	5.10	5.10	5.70/*4.70	5.70/*4.70	5.70/*4.70	4.90	4.90	4.90 - 1.50	.0723	----	125	----	----	1577	+
1750	5.70	5.70	5.70	----	----	----	5.20	5.20	5.20 - 1.60	.0766	----	1	----	----	51	+
1755	----	----	----	6.30/*5.10A	6.30/*5.10A	6.30/*5.10A	5.50	5.50	5.50 - 1.80	.0809	----	4	----	----	61	UNCH

BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 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														
APR23	----	----	212.30B/*187.40	212.30B/*187.40A	----	189.80	- 20.40	.8714	----	----	----	2	UNCH		
2120	----	----	216.90B/*192.00	216.90B/*192.00A	----	194.40	- 20.50	.8765	----	----	----	8	UNCH		
2125	----	----	221.20B/*196.60	221.20B/*196.60A	----	199.00	- 20.50	.8815	----	----	----	4	UNCH		
2130	----	----	226.00B/*201.10	226.00B/*201.10A	----	203.60	- 20.70	.8864	----	----	----	1	UNCH		
2135	----	----	230.60B/*205.80	230.60B/*205.80A	----	208.20	- 20.80	.8905	----	----	----	1	UNCH		
2140	----	----	240.60B/*215.00	240.60B/*215.00A	----	217.50	- 21.00	.8994	----	----	----	24	UNCH		
2150	----	----	259.20B/*234.30	259.20B/*234.30A	----	236.40	- 21.20	.9140	----	----	----	6	UNCH		
2170	----	----	264.60B/*238.50	264.60B/*238.50A	----	241.10	- 21.30	.9177	----	----	----	4	UNCH		
2175	----	----	288.80B/*262.30	288.80B/*262.30A	----	265.00	- 21.60	.9316	----	----	----	83	UNCH		
2200	----	----	313.10B/*286.40	313.10B/*286.40A	----	289.10	- 21.80	.9429	----	----	----	6	UNCH		
2225	----	----	337.70B/310.70A	337.70B/310.70A	----	313.40	- 22.00	.9526	----	----	----	18	UNCH		
2250	----	----	362.30B/*335.10	362.30B/*335.10A	----	337.90	- 22.20	.9599	----	----	----	2	UNCH		
2275	----	----	387.00B/359.70A	387.00B/359.70A	----	362.40	- 22.40	.9669	----	----	----	23	UNCH		
2300	----	----	436.60B/409.10A	436.60B/409.10A	----	411.90	- 22.60	.9760	----	----	----	1	UNCH		
2400	----	----	486.40B/458.70A	486.40B/458.70A	----	461.60	- 22.90	.9835	----	----	----	37	UNCH		
3000	----	----	1,085.00B/*1,05	1085.00B/*1059.30A	----	1061.50	- 23.00	1.0000	----	----	----	6	UNCH		
TOTAL										6001	1,710	33716+	5066		
MAY23						0.10	UNCH	----	----	----	----	3	UNCH		
1050	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	50	UNCH		
1200	----	----	----	----	----	0.10	- 0.10	.0007	----	----	----	27	UNCH		
1300	----	----	----	----	----	0.10	- 0.10	.0012	----	----	----	38	UNCH		
1325	----	----	----	----	----	0.20	- 0.10	.0022	----	----	----	155	UNCH		
1350	----	----	----	----	----	0.20	- 0.10	.0023	----	----	----	50	UNCH		
1375	----	----	----	----	----	0.20	- 0.10	.0023	----	----	----	2	UNCH		
1380	----	----	----	----	----	0.20	- 0.10	.0024	----	----	----	16	UNCH		
1390	----	----	----	----	----	0.30	UNCH	.0034	----	----	----	150	UNCH		
1400	----	----	----	----	----	0.30	- 0.10	.0035	----	----	----	131	UNCH		
1410	----	----	----	----	----	0.30	- 0.10	.0036	----	----	----	140	UNCH		
1420	----	----	----	----	----	0.30	- 0.10	.0036	----	----	----	127	UNCH		
1425	----	----	----	----	----	0.30	- 0.10	.0036	----	----	----	1	UNCH		
1430	0.40	0.40	0.40/0.40	0.40/0.40	----	0.40	- 0.10	.0048	----	1	----	6	UNCH		
1470	----	----	----	----	----	0.50	UNCH	.0060	----	----	----	1	UNCH		
1475	0.50	0.50	0.50/*0.50	0.50/*0.50	----	0.50	- 0.10	.0061	----	5	----	27	UNCH		
1480	----	----	----/*0.50A	----/*0.50A	----	0.50	- 0.10	.0061	----	----	----	2	UNCH		
1490	----	----	----	----	----	0.60	UNCH	.0073	----	----	----	7	UNCH		
1500	----	----	----/0.60A	----/0.60A	----	0.60	- 0.10	.0074	----	----	----	127	UNCH		
1505	0.60	0.60	0.60/*0.60	0.60/*0.60	----	0.60	NEW	.0075	----	3	----	3	+		
1510	----	----	----	----	----	0.70	UNCH	.0086	----	----	----	54	UNCH		
1515	----	----	----/*0.70A	----/*0.70A	----	0.70	- 0.10	.0087	----	----	----	1	UNCH		
1520	----	----	----/*0.70A	----/*0.70A	----	0.70	- 0.10	.0088	----	----	----	27	UNCH		
1525	----	----	----/*0.80A	----/*0.80A	----	0.70	- 0.20	.0089	----	----	----	15	UNCH		
1530	----	----	----/*0.80A	----/*0.80A	----	0.80	- 0.10	.0100	----	----	----	10	UNCH		
1540	----	----	----/*0.90A	----/*0.90A	----	0.80	- 0.20	.0102	----	----	----	13	UNCH		
1545	----	----	----/*0.90A	----/*0.90A	----	0.90	- 0.10	.0113	----	----	----	3	UNCH		
1550	----	----	----/*0.90A	----/*0.90A	----	0.90	- 0.20	.0114	----	----	----	73	UNCH		
1555	----	----	----/*1.00A	----/*1.00A	----	1.00	- 0.20	.0126	----	----	----	25	UNCH		
1560	----	----	----/*1.00A	----/*1.00A	----	1.00	- 0.20	.0127	----	----	----	31	UNCH		
1565	----	----	----/*1.10A	----/*1.10A	----	1.10	- 0.20	.0139	----	----	----	2	UNCH		
1570	----	----	----/*1.10A	----/*1.10A	----	1.10	- 0.20	.0140	----	----	----	65	UNCH		
1575	----	----	----/*1.20A	----/*1.20A	----	1.20	- 0.20	.0152	----	----	----	7	UNCH		
1580	----	----	----/*1.20A	----/*1.20A	----	1.20	- 0.30	.0154	----	----	----	46	UNCH		
1585	----	----	----/*1.30A	----/*1.30A	----	1.30	- 0.30	.0165	----	----	----	10	UNCH		
1590	1.30	1.30	1.30/*1.30	1.30/*1.30	----	1.30	- 0.30	.0167	----	1	----	36	+		
1595	----	----	----/*1.40A	----/*1.40A	----	1.40	- 0.30	.0179	----	----	----	2	UNCH		
1600	1.50	1.50	1.50/*1.50	1.50/*1.50	----	1.50	- 0.30	.0191	----	3	----	29	-		
1605	----	----	----/*1.60A	----/*1.60A	----	1.50	- 0.40	.0194	----	----	----	2	UNCH		
1610	----	----	----/*1.70A	----/*1.70A	----	1.60	- 0.40	.0206	----	----	----	61	UNCH		
1615	----	----	----/*1.70A	----/*1.70A	----	1.70	- 0.40	.0218	----	----	----	1	UNCH		
1620	----	----	----/*1.80A	----/*1.80A	----	1.80	- 0.40	.0231	----	----	----	22	UNCH		
1625	----	----	----/*1.90A	----/*1.90A	----	1.90	- 0.40	.0243	----	2	----	132	+		
1630	----	----	----/*2.00A	----/*2.00A	----	2.00	- 0.50	.0256	----	16	----	71	+		
1635	----	----	----/*2.10A	----/*2.10A	----	2.10	- 0.50	.0269	----	----	----	2	UNCH		
1640	----	----	----/*2.20A	----/*2.20A	----	2.20	- 0.50	.0282	----	----	----	6	UNCH		
1645	2.50	2.50	2.50/*2.30A	2.50/*2.30A	----	2.30	- 0.60	.0295	----	8	----	11	+		
1650	2.40	2.40	2.40/*2.40	2.40/*2.40	----	2.50	- 0.60	.0318	----	2	----	690	-		
1655	----	----	----/*2.60A	----/*2.60A	----	2.60	- 0.60	.0331	----	26	----	39	-		
1660	3.00	3.00	3.00/*2.70A	3.00/*2.70A	----	2.70	- 0.70	.0345	----	7	----	21	+		
1665	----	----	----/*2.90A	----/*2.90A	----	2.90	- 0.70	.0368	----	12	----	48	-		
1670	3.50	3.50	3.90/*3.00A	3.90/*3.00A	----	3.00	- 0.80	.0383	----	7	----	10	+		
1675	----	----	----/*3.20A	----/*3.20A	----	3.20	- 0.80	.0406	----	1	----	199	-		
1680	----	----	----/*3.30A	----/*3.30A	----	3.40	- 0.80	.0430	----	3	----	39	+		
1685	----	----	----/*3.50A	----/*3.50A	----	3.60	- 0.90	.0454	----	----	----	12	UNCH		
1690	----	----	----/*3.70A	----/*3.70A	----	3.80	- 0.90	.0478	----	13	----	35	+		
1695	----	----	----/*4.00A	----/*4.00A	----	4.00	- 1.00	.0502	----	3	----	3	UNCH		
1700	4.40	4.40	4.40/*4.20A	4.40/*4.20A	----	4.20	- 1.10	.0527	----	30	----	699	-		
1705	----	----	----/*4.40A	----/*4.40A	----	4.40	- 1.20	.0552	----	----	----	31	UNCH		
1710	----	----	----/*4.70A	----/*4.70A	----	4.70	- 1.20	.0586	----	2	----	5	+		
1715	----	----	----/*4.90A	----/*4.90A	----	5.00	- 1.30	.0620	----	----	----	19	UNCH		
1720	5.90	5.90	5.90/*5.00	5.90/*5.00	----	5.20	- 1.40	.0646	----	8	----	10	+		
1725	5.90	5.90	6.20/*5.40	6.20/*5.40	----	5.50	- 1.50	.0681	----	127	----	179	+		
1730	5.70	5.70	5.70/*5.70	5.70/*5.70	----	5.90	- 1.50								



	BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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														
MAY23															
2020	----	----	119.30B/*101.20	119.30B/*101.20A	----	103.00	- 14.90	.6356	----	----	----	----	7	UNCH	
2025	----	----	123.10B/*104.60	123.10B/*104.60A	----	106.50	- 15.10	.6461	----	----	----	----	6	UNCH	
2030	----	----	126.90B/*108.20	126.90B/*108.20A	----	110.00	- 15.40	.6564	----	----	----	----	5	UNCH	
2035	----	----	130.80B/*111.70	130.80B/*111.70A	----	113.70	- 15.60	.6667	----	----	----	----	5	UNCH	
2040	----	----	134.70B/*115.40	134.70B/*115.40A	----	117.30	- 15.90	.6766	----	----	----	----	11	UNCH	
2045	----	----	138.70B/*119.00	138.70B/*119.00A	----	121.10	- 16.00	.6862	----	----	----	----	8	UNCH	
2050	----	----	142.70B/*122.80	142.70B/*122.80A	----	124.80	- 16.30	.6956	----	----	----	----	13	UNCH	
2055	----	----	146.80B/*126.50	146.80B/*126.50A	----	128.60	- 16.60	.7046	----	----	----	----	14	UNCH	
2060	----	----	150.90B/*130.40	150.90B/*130.40A	----	132.50	- 16.70	.7136	----	----	----	----	11	UNCH	
2065	----	----	155.00B/*134.20	155.00B/*134.20A	----	136.40	- 16.90	.7225	----	----	----	----	10	UNCH	
2070	----	----	159.20B/*138.10	159.20B/*138.10A	----	140.30	- 17.20	.7309	----	----	----	----	5	UNCH	
2075	----	----	163.40B/*142.10	163.40B/*142.10A	----	144.30	- 17.30	.7392	----	----	----	----	2	UNCH	
2080	----	----	167.60B/*146.10	167.60B/*146.10A	----	148.30	- 17.50	.7471	----	----	----	----	3	UNCH	
2085	----	----	171.90B/*150.10	171.90B/*150.10A	----	152.40	- 17.70	.7549	----	----	----	----	1	UNCH	
2090	----	----	176.20B/*154.20	176.20B/*154.20A	----	156.50	- 17.80	.7626	----	----	----	----	3	UNCH	
2095	----	----	180.50B/*158.30	180.50B/*158.30A	----	160.60	- 18.00	.7698	----	----	----	----	2	UNCH	
2100	----	----	184.90B/*162.40	184.90B/*162.40A	----	164.80	- 18.20	.7770	----	----	----	----	7	UNCH	
2105	----	----	189.20B/*166.60	189.20B/*166.60A	----	168.90	- 18.40	.7840	----	----	----	----	3	UNCH	
2110	----	----	193.60B/*170.80	193.60B/*170.80A	----	173.20	- 18.50	.7906	----	----	----	----	2	UNCH	
2115	----	----	198.10B/*175.00	198.10B/*175.00A	----	177.40	- 18.70	.7970	----	----	----	----	4	UNCH	
2125	----	----	207.00B/*183.50	207.00B/*183.50A	----	186.00	- 19.00	.8098	----	----	----	----	2	UNCH	
2130	----	----	211.50B/*187.90	211.50B/*187.90A	----	190.30	- 19.10	.8156	----	----	----	----	2	UNCH	
2145	----	----	225.10B/*201.00	225.10B/*201.00A	----	203.50	- 19.50	.8326	----	----	----	----	1	UNCH	
2150	----	----	229.60B/*205.40	229.60B/*205.40A	----	207.90	- 19.60	.8376	----	----	----	----	3	UNCH	
2175	----	----	252.70B/*227.80	252.70B/*227.80A	----	230.40	- 20.10	.8614	----	----	----	----	2	UNCH	
2190	----	----	266.70B/*241.50	266.70B/*241.50A	----	244.10	- 20.40	.8737	----	----	----	----	1	UNCH	
2200	----	----	276.10B/*250.70	276.10B/*250.70A	----	253.30	- 20.60	.8811	----	----	----	----	5	UNCH	
2225	----	----	299.90B/*274.00	299.90B/*274.00A	----	276.50	- 21.00	.8979	----	----	----	----	5	UNCH	
2250	----	----	323.80B/*297.50	323.80B/*297.50A	----	300.10	- 21.40	.9128	----	----	----	----	8	UNCH	
2275	----	----	348.00B/*321.40	348.00B/*321.40A	----	324.00	- 21.60	.9249	----	----	----	----	1	UNCH	
2300	----	----	372.20B/*345.40	372.20B/*345.40A	----	348.00	- 21.80	.9342	----	----	----	----	15	UNCH	
2350	----	----	421.20B/*394.00	421.20B/*394.00A	----	396.60	- 22.20	.9503	----	----	----	----	4	UNCH	
TOTAL											617		7658 +	227	
JUN23															
900	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	10	UNCH	
1000	----	----	----	----	----	0.10	UNCH	----	----	----	----	----	14	UNCH	
1025	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	----	2	UNCH	
1075	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	----	12	UNCH	
1080	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	----	40	UNCH	
1100	----	----	----	----	----	0.10	UNCH	.0000	----	----	----	----	1	UNCH	
1175	----	----	----	----	----	0.10	UNCH	.0002	----	----	----	----	100	UNCH	
1200	----	----	----	----	----	0.10	UNCH	.0004	----	----	----	----	101	UNCH	
1210	----	----	----	----	----	0.10	UNCH	.0005	----	----	----	----	5	UNCH	
1225	----	----	----	----	----	0.10	UNCH	.0007	----	----	----	----	49	UNCH	
1230	----	----	----	----	----	0.10	- 0.10	.0008	----	----	----	----	4	UNCH	
1235	----	----	----	----	----	0.10	- 0.10	.0009	----	----	----	----	1	UNCH	
1250	----	----	----	----	----	0.20	UNCH	.0019	----	----	----	----	5	UNCH	
1275	----	----	----	----	----	0.20	UNCH	.0020	----	----	----	----	41	UNCH	
1300	----	----	----	----	----	0.20	- 0.10	.0021	----	----	----	----	58	UNCH	
1325	----	----	----	----	----	0.30	UNCH	.0030	----	----	----	----	77	UNCH	
1350	----	----	----	----	----	0.40	UNCH	.0040	----	----	----	----	440	UNCH	
1360	----	----	----	----	----	0.40	- 0.10	.0041	----	----	----	----	4	UNCH	
1375	----	----	----	----	----	0.40	- 0.10	.0042	----	----	----	----	40	UNCH	
1385	----	----	----/*0.50A	----/*0.50A	----	0.50	- 0.10	.0052	----	----	----	----	1	UNCH	
1390	----	----	----	----	----	0.50	- 0.10	.0052	----	----	----	----	3	UNCH	
1400	----	----	----	----	----	0.50	- 0.10	.0053	----	----	----	----	273	UNCH	
1425	----	----	----/*0.70A	----/*0.70A	----	0.60	- 0.20	.0065	----	----	----	----	59	UNCH	
1435	----	----	----	----	----	0.70	- 0.10	.0075	----	----	----	----	1	UNCH	
1440	----	----	----/*0.80A	----/*0.80A	----	0.70	- 0.20	.0075	----	----	----	----	4	UNCH	
1450	----	----	----	----	----	0.80	- 0.10	.0085	----	----	----	----	1195	UNCH	
1455	----	----	----/*0.80A	----/*0.80A	----	0.80	- 0.20	.0086	----	----	----	----	1	UNCH	
1460	----	----	----/*0.90A	----/*0.90A	----	0.90	- 0.10	.0096	----	----	----	----	1	UNCH	
1470	----	----	----/*1.00A	----/*1.00A	----	0.90	- 0.20	.0098	----	----	1	----	0 -	1	
1475	----	----	----/*1.00A	----/*1.00A	----	1.00	- 0.10	.0107	----	----	----	----	45	UNCH	
1485	----	----	----/*1.10A	----/*1.10A	----	1.10	- 0.10	.0118	----	----	----	----	3	UNCH	
1495	----	----	----/*1.20A	----/*1.20A	----	1.10	- 0.20	.0120	----	----	----	----	196	UNCH	
1500	1.20	1.20	1.20/*1.20	1.20/*1.20	----	1.20	- 0.20	.0130	----	1	----	----	511 -	1	
1505	----	----	----/*1.30A	----/*1.30A	----	1.30	- 0.10	.0140	----	----	----	----	14	UNCH	
1510	----	----	----/*1.40A	----/*1.40A	----	1.30	- 0.20	.0141	----	----	----	----	20	UNCH	
1515	1.40	1.40	1.40/*1.40	1.40/*1.40	----	1.40	- 0.10	.0151	----	40	----	----	47 +	40	
1520	----	----	----/*1.50A	----/*1.50A	----	1.40	- 0.20	.0153	----	----	----	----	2	UNCH	
1525	----	----	----/*1.50A	----/*1.50A	----	1.50	- 0.20	.0162	----	----	----	----	30	UNCH	
1535	----	----	----/*1.70A	----/*1.70A	----	1.60	- 0.20	.0174	----	----	----	----	4	UNCH	
1540	1.90	1.90	1.90/*1.70A	1.90/*1.70A	----	1.70	- 0.20	.0185	----	10	----	----	220 +	10	
1550	----	----	----/*1.90A	----/*1.90A	----	1.90	- 0.20	.0205	----	----	----	----	979	UNCH	
1560	----	----	----/*2.00A	----/*2.00A	----	2.00	- 0.30	.0218	----	----	----	----	46	UNCH	
1570	----	----	----/*2.20A	----/*2.20A	----	2.20	- 0.30	.0239	----	1	----	----	2 -	1	
1575	----	----	----/*2												

BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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													
JUN23														
1880	44.00	44.00	47.40B/*39.50A	47.40B/*39.50A	----	40.30 - 6.90	.3186	----	----	10	----	18 -	1	
1890	----	----	51.60B/*43.10A	51.60B/*43.10A	----	43.90 - 7.40	.3391	----	----	----	----	25	UNCH	
1895	----	----	53.70B/*45.00A	53.70B/*45.00A	----	45.80 - 7.70	.3495	----	----	----	----	6	UNCH	
1900	53.80	53.80	55.90B/*46.90A	55.90B/*46.90A	----	47.80 - 7.90	.3601	----	----	4	----	446 +	4	
1910	----	----	60.80B/*51.00A	60.80B/*51.00A	----	51.90 - 8.50	.3813	----	----	----	----	65	UNCH	
1915	----	----	63.20B/*53.10A	63.20B/*53.10A	----	54.10 - 8.70	.3921	----	----	----	----	111	UNCH	
1920	----	----	65.70B/*55.30A	65.70B/*55.30A	----	56.30 - 9.00	.4029	----	----	----	----	15	UNCH	
1925	63.10	63.10	68.20B/*57.60A	68.20B/*57.60A	----	58.60 - 9.20	.4138	----	29	----	----	49 +	26	
1930	68.30	68.30	70.90B/*59.90A	70.90B/*59.90A	----	60.90 - 9.50	.4246	----	6	26	----	23 +	6	
1935	----	----	73.60B/*62.30A	73.60B/*62.30A	----	63.40 - 9.70	.4355	----	----	----	----	15	UNCH	
1940	71.80	71.80	76.40B/*64.70A	76.40B/*64.70A	----	65.80 - 10.00	.4464	----	15	50	----	65 +	64	
1945	73.10	73.10	79.20B/*67.20A	79.20B/*67.20A	----	68.40 - NEW	.4572	----	1	----	----	1 +	1	
1950	72.00	72.00	82.10B/*69.70A	82.10B/*69.70A	----	71.00 - 10.50	.4681	----	68	----	----	69 +	63	
1955	72.30	72.30	85.10B/*72.30	85.10B/*72.30	----	73.70 - 10.70	.4789	----	5	----	----	5 +	2	
1960	----	----	88.20B/*75.10A	88.20B/*75.10A	----	76.40 - 11.00	.4896	----	2	----	----	6	UNCH	
1965	----	----	91.20B/*77.90A	91.20B/*77.90A	----	79.20 - 11.30	.5003	----	----	----	----	4	UNCH	
1970	----	----	94.40B/*80.70A	94.40B/*80.70A	----	82.10 - 11.50	.5109	----	----	----	----	3	UNCH	
1975	----	----	97.60B/*83.50A	97.60B/*83.50A	----	85.00 - 11.80	.5213	----	----	----	----	3	UNCH	
1980	----	----	100.90B/*86.40A	100.90B/*86.40A	----	87.90 - 12.10	.5317	----	----	----	----	4	UNCH	
1985	----	----	104.20B/*89.40A	104.20B/*89.40A	----	91.00 - 12.30	.5420	----	----	----	----	8	UNCH	
1990	----	----	107.60B/*92.50A	107.60B/*92.50A	----	94.00 - 12.70	.5521	----	----	----	----	12	UNCH	
1995	----	----	111.00B/*95.60A	111.00B/*95.60A	----	97.20 - 12.80	.5621	----	----	----	----	11	UNCH	
2000	----	----	114.50B/*98.80A	114.50B/*98.80A	----	100.40 - 13.10	.5721	----	----	----	----	96	UNCH	
2005	----	----	118.00B/*102.00	118.00B/*102.00A	----	103.60 - 13.30	.5818	----	----	----	----	5	UNCH	
2010	----	----	121.50B/*105.20	121.50B/*105.20A	----	106.90 - 13.60	.5915	----	----	----	----	10	UNCH	
2015	----	----	125.20B/*108.50	125.20B/*108.50A	----	110.20 - 13.80	.6010	----	----	----	----	5	UNCH	
2020	----	----	128.80B/*111.90	128.80B/*111.90A	----	113.60 - 14.00	.6102	----	----	----	----	8	UNCH	
2025	----	----	132.50B/*115.20	132.50B/*115.20A	----	117.00 - 14.30	.6194	----	----	----	----	11	UNCH	
2030	----	----	136.20B/*118.70	136.20B/*118.70A	----	120.50 - 14.40	.6285	----	----	----	----	17	UNCH	
2035	----	----	140.00B/*122.20	140.00B/*122.20A	----	124.00 - 14.70	.6373	----	----	----	----	9	UNCH	
2040	----	----	143.80B/*125.70	143.80B/*125.70A	----	127.50 - 14.90	.6461	----	----	----	----	11	UNCH	
2045	----	----	147.70B/*129.30	147.70B/*129.30A	----	131.10 - 15.20	.6548	----	2	----	----	6	UNCH	
2050	----	----	151.60B/*132.90	151.60B/*132.90A	----	134.80 - 15.30	.6632	----	----	----	----	381	UNCH	
2055	----	----	155.50B/*136.60	155.50B/*136.60A	----	138.50 - 15.50	.6713	----	----	----	----	11	UNCH	
2060	----	----	159.50B/*140.30	159.50B/*140.30A	----	142.20 - 15.70	.6794	----	----	----	----	8	UNCH	
2065	----	----	163.50B/*144.00	163.50B/*144.00A	----	146.00 - 15.90	.6873	----	----	----	----	7	UNCH	
2070	----	----	167.50B/*147.80	167.50B/*147.80A	----	149.80 - 16.10	.6950	----	----	----	----	8	UNCH	
2075	----	----	171.60B/*151.70	171.60B/*151.70A	----	153.60 - 16.40	.7025	----	----	----	----	16	UNCH	
2080	----	----	175.70B/*155.50	175.70B/*155.50A	----	157.50 - 16.50	.7101	----	----	----	----	8	UNCH	
2090	----	----	184.00B/*163.40	184.00B/*163.40A	----	165.40 - 16.90	.7243	----	----	----	----	10	UNCH	
2095	186.40	186.40	188.20B/*167.30	188.20B/*167.30A	----	169.40 - 17.00	.7310	----	1	----	----	8 +	1	
2100	----	----	192.40B/*171.30	192.40B/*171.30A	----	173.40 - 17.20	.7380	----	----	----	----	6	UNCH	
2105	----	----	196.70B/*175.40	196.70B/*175.40A	----	177.50 - 17.30	.7446	----	----	----	----	9	UNCH	
2110	----	----	200.90B/*179.40	200.90B/*179.40A	----	181.60 - 17.50	.7507	----	----	----	----	5	UNCH	
2115	----	----	205.20B/*183.50	205.20B/*183.50A	----	185.70 - 17.60	.7568	----	----	----	----	3	UNCH	
2120	----	----	209.50B/*187.70	209.50B/*187.70A	----	189.80 - 17.80	.7633	----	----	----	----	2	UNCH	
2125	212.00	212.00	213.90B/*191.80	213.90B/*191.80A	----	194.00 - 18.00	.7689	----	1	----	----	14 +	1	
2130	217.70	217.70	218.30B/*196.00	218.30B/*196.00A	----	198.20 - 18.10	.7749	----	1	----	----	11 +	1	
2135	----	----	222.60B/*200.20	222.60B/*200.20A	----	202.40 - 18.30	.7804	----	----	----	----	14	UNCH	
2140	227.10	227.10	227.10/*204.50A	227.10/*204.50A	----	206.70 - 18.30	.7858	----	2	----	----	12 +	2	
2145	230.20	230.20	231.50B/*208.70	231.50B/*208.70A	----	210.90 - 18.50	.7913	----	2	----	----	8 +	2	
2150	233.30	233.30	235.90B/*213.00	235.90B/*213.00A	----	215.20 - 18.60	.7962	----	1	----	----	17 +	1	
2155	230.90	230.90	240.40B/*217.30	240.40B/*217.30A	----	219.60 - 18.70	.8016	----	2	----	----	8 +	2	
2160	239.00	239.00	244.80B/*221.60	244.80B/*221.60A	----	223.90 - 18.80	.8064	----	1	----	----	5 +	1	
2165	240.60	240.60	249.30B/*226.00	249.30B/*226.00A	----	228.30 - 18.90	.8113	----	1	----	----	5 +	1	
2170	242.00	242.00	253.80B/*230.30	253.80B/*230.30A	----	232.60 - 19.10	.8160	----	1	----	----	3 +	1	
2175	240.30	240.30	258.30B/*234.70	258.30B/*234.70A	----	237.00 - 19.20	.8203	----	1	----	----	3 +	1	
2180	247.50	247.50	262.90B/*239.10	262.90B/*239.10A	----	241.40 - 19.30	.8250	----	3	----	----	7 +	3	
2190	----	----	272.00B/*248.00	272.00B/*248.00A	----	250.30 - 19.50	.8334	----	----	----	----	2	UNCH	
2195	----	----	276.60B/*252.40	276.60B/*252.40A	----	254.80 - 19.50	.8376	----	----	----	----	5	UNCH	
2200	----	----	281.20B/*256.90	281.20B/*256.90A	----	259.30 - 19.60	.8417	----	----	----	----	8	UNCH	
2205	----	----	285.80B/*261.40	285.80B/*261.40A	----	263.80 - 19.70	.8452	----	----	----	----	2	UNCH	
2210	----	----	290.40B/*265.90	290.40B/*265.90A	----	268.30 - 19.80	.8493	----	----	----	----	11	UNCH	
2215	----	----	295.00B/*270.40	295.00B/*270.40A	----	272.80 - 19.90	.8528	----	----	----	----	8	UNCH	
2220	----	----	299.70B/*275.00	299.70B/*275.00A	----	277.40 - 19.90	.8563	----	----	----	----	5	UNCH	
2225	----	----	304.30B/*279.50	304.30B/*279.50A	----	281.90 - 20.10	.8597	----	----	----	----	9	UNCH	
2230	----	----	309.00B/*284.10	309.00B/*284.10A	----	286.50 - 20.10	.8632	----	----	----	----	4	UNCH	
2235	----	----	313.70B/*288.70	313.70B/*288.70A	----	291.10 - 20.20	.8666	----	----	----	----	8	UNCH	
2240	----	----	318.40B/*293.30	31										

GLOBEX OPEN		OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
OG PUT	COMEX GOLD OPTIONS															
JUL23																
1950	----	----	----	82.70B/*71.50A	82.70B/*71.50A	----	----	----	72.40 - 10.00	.4346	----	----	----	----	264	UNCH
1975	89.00	89.00	----	97.10B/*84.40A	97.10B/*84.40A	----	----	----	85.40 - 11.30	.4821	----	----	2	----	5	UNCH
1985	----	----	----	103.30B/*90.10A	103.30B/*90.10A	----	----	----	91.00 - 11.80	.5008	----	----	----	----	2	UNCH
1990	----	----	----	106.40B/*92.90A	106.40B/*92.90A	----	----	----	93.90 - 12.00	.5101	----	----	----	----	1	UNCH
1995	----	----	----	109.60B/*95.80A	109.60B/*95.80A	----	----	----	96.80 - 12.20	.5192	----	----	----	----	1	UNCH
2000	----	----	----	112.90B/*98.60A	112.90B/*98.60A	----	----	----	99.80 - 12.50	.5283	----	----	----	----	11	UNCH
2005	----	----	----	116.20B/*101.70	116.20B/*101.70A	----	----	----	102.80 - 12.70	.5373	----	----	----	----	1	UNCH
2010	----	----	----	119.50B/*104.90	119.50B/*104.90A	----	----	----	105.90 - 12.90	.5462	----	----	----	----	2	UNCH
2015	----	----	----	122.90B/*108.00	122.90B/*108.00A	----	----	----	109.00 - 13.20	.5550	----	----	----	----	1	UNCH
2020	----	----	----	126.40B/*111.10	126.40B/*111.10A	----	----	----	112.20 - 13.40	.5637	----	----	----	----	2	UNCH
2025	----	----	----	129.80B/*114.30	129.80B/*114.30A	----	----	----	115.40 - 13.60	.5723	----	----	----	----	4	UNCH
2030	----	----	----	133.40B/*117.50	133.40B/*117.50A	----	----	----	118.70 - 13.80	.5809	----	----	----	----	5	UNCH
2045	----	----	----	144.20B/*127.50	144.20B/*127.50A	----	----	----	128.70 - 14.50	.6056	----	----	----	----	2	UNCH
2050	----	----	----	147.90B/*131.00	147.90B/*131.00A	----	----	----	132.20 - 14.60	.6136	----	11	----	15 +	10	UNCH
2060	----	----	----	155.30B/*137.90	155.30B/*137.90A	----	----	----	139.10 - 15.10	.6292	----	----	----	3	UNCH	
2065	----	----	----	159.10B/*141.40	159.10B/*141.40A	----	----	----	142.70 - 15.30	.6369	----	----	----	2	UNCH	
2070	----	----	----	162.90B/*145.00	162.90B/*145.00A	----	----	----	146.30 - 15.50	.6443	----	----	----	4	UNCH	
2075	----	----	----	166.80B/*148.60	166.80B/*148.60A	----	----	----	149.90 - 15.70	.6517	----	----	----	5	UNCH	
2080	----	----	----	170.70B/*152.30	170.70B/*152.30A	----	----	----	153.60 - 15.90	.6591	----	----	----	3	UNCH	
2085	----	----	----	174.60B/*156.00	174.60B/*156.00A	----	----	----	157.30 - 16.10	.6662	----	----	----	4	UNCH	
2090	----	----	----	178.60B/*159.70	178.60B/*159.70A	----	----	----	161.10 - 16.20	.6732	----	----	----	5	UNCH	
2095	----	----	----	182.60B/*163.40	182.60B/*163.40A	----	----	----	164.80 - 16.40	.6799	----	----	----	4	UNCH	
2100	----	----	----	186.60B/*167.20	186.60B/*167.20A	----	----	----	168.60 - 16.60	.6869	----	----	----	3	UNCH	
2105	----	----	----	190.60B/*171.10	190.60B/*171.10A	----	----	----	172.50 - 16.70	.6933	----	----	----	10	UNCH	
2110	----	----	----	194.70B/*174.90	194.70B/*174.90A	----	----	----	176.40 - 16.90	.6999	----	----	----	10	UNCH	
2115	----	----	----	198.80B/*178.80	198.80B/*178.80A	----	----	----	180.30 - 17.00	.7061	----	----	----	8	UNCH	
2120	----	----	----	202.90B/*182.70	202.90B/*182.70A	----	----	----	184.20 - 17.20	.7124	----	----	----	3	UNCH	
2125	----	----	----	207.10B/*186.70	207.10B/*186.70A	----	----	----	188.20 - 17.30	.7186	----	----	----	3	UNCH	
2135	----	----	----	215.40B/*194.60	215.40B/*194.60A	----	----	----	196.20 - 17.70	.7305	----	----	----	3	UNCH	
2145	----	----	----	223.90B/*202.70	223.90B/*202.70A	----	----	----	204.30 - 18.00	.7417	----	----	----	1	UNCH	
2150	----	----	----	228.10B/*206.80	228.10B/*206.80A	----	----	----	208.40 - 18.10	.7471	----	----	----	7	UNCH	
2155	216.10	216.10	----	232.40B/*210.90	232.40B/*210.90A	----	----	----	212.50 - NEW	.7527	----	2	----	2 +	2	UNCH
2160	220.30	220.30	----	236.70B/*215.10	236.70B/*215.10A	----	----	----	216.70 - 18.40	.7577	----	1	----	3 +	1	UNCH
2165	224.30	224.30	----	241.00B/*219.20	241.00B/*219.20A	----	----	----	220.80 - 18.60	.7629	----	4	----	6 +	4	UNCH
2170	----	----	----	245.40B/*223.40	245.40B/*223.40A	----	----	----	225.00 - 18.70	.7681	----	----	----	2	UNCH	
2175	----	----	----	249.80B/*227.60	249.80B/*227.60A	----	----	----	229.30 - 18.70	.7730	----	----	----	21	UNCH	
2200	----	----	----	271.80B/*249.00	271.80B/*249.00A	----	----	----	250.70 - 19.30	.7958	----	----	----	11	UNCH	
2210	----	----	----	280.70B/*257.60	280.70B/*257.60A	----	----	----	259.40 - 19.50	.8043	----	----	----	11	UNCH	
2215	----	----	----	285.20B/*262.00	285.20B/*262.00A	----	----	----	263.70 - 19.70	.8081	----	----	----	1	UNCH	
2225	----	----	----	294.20B/*270.80	294.20B/*270.80A	----	----	----	272.60 - 19.70	.8160	----	----	----	18	UNCH	
2230	----	----	----	298.80B/*275.20	298.80B/*275.20A	----	----	----	277.00 - 19.90	.8201	----	----	----	2	UNCH	
2235	----	----	----	303.30B/*279.60	303.30B/*279.60A	----	----	----	281.40 - 20.00	.8237	----	----	----	2	UNCH	
2240	----	----	----	307.90B/*284.10	307.90B/*284.10A	----	----	----	285.90 - 20.00	.8274	----	----	----	2	UNCH	
2245	----	----	----	312.40B/*288.50	312.40B/*288.50A	----	----	----	290.40 - 20.10	.8306	----	----	----	3	UNCH	
2250	----	----	----	317.00B/*293.00	317.00B/*293.00A	----	----	----	294.90 - 20.10	.8342	----	----	----	7	UNCH	
2255	----	----	----	321.60B/*297.50	321.60B/*297.50A	----	----	----	299.40 - 20.20	.8373	----	----	----	2	UNCH	
2265	----	----	----	330.80B/*306.50	330.80B/*306.50A	----	----	----	308.40 - 20.30	.8439	----	----	----	1	UNCH	
2270	----	----	----	335.40B/*311.10	335.40B/*311.10A	----	----	----	312.90 - 20.40	.8470	----	----	----	1	UNCH	
2280	----	----	----	344.70B/*320.20	344.70B/*320.20A	----	----	----	322.10 - 20.50	.8530	----	----	----	6	UNCH	
2300	----	----	----	363.40B/*338.50	363.40B/*338.50A	----	----	----	340.40 - 20.80	.8644	----	----	----	3	UNCH	
2320	----	----	----	382.20B/*357.00	382.20B/*357.00A	----	----	----	358.90 - 21.00	.8745	----	----	----	2	UNCH	
2325	----	----	----	386.90B/*361.60	386.90B/*361.60A	----	----	----	363.60 - 21.00	.8774	----	----	----	1	UNCH	
2330	----	----	----	391.60B/*366.30	391.60B/*366.30A	----	----	----	368.20 - 21.10	.8798	----	----	----	3	UNCH	
2350	----	----	----	410.60B/*385.00	410.60B/*385.00A	----	----	----	386.90 - 21.30	.8886	----	----	----	9	UNCH	
2375	----	----	----	434.50B/*408.60	434.50B/*408.60A	----	----	----	410.50 - 21.60	.8988	----	----	----	6	UNCH	
2400	----	----	----	458.50B/*432.30	458.50B/*432.30A	----	----	----	434.20 - 21.80	.9083	----	----	----	16	UNCH	
2550	----	----	----	604.70B/*577.50	604.70B/*577.50A	----	----	----	579.50 - 22.80	.9468	----	----	----	15	UNCH	
2700	----	----	----	753.20B/*725.30	753.20B/*725.30A	----	----	----	727.80 - 23.60	.9684	----	----	----	1	UNCH	
TOTAL													158		7302 +	104
AUG23																
1200	----	----	----	----	----	----	----	----	0.40 UNCH	.0031	----	----	----	----	10	UNCH
1275	----	----	----	----	----	----	----	----	0.60 UNCH	.0049	----	----	----	----	30	UNCH
1325	----	----	----	----	----	----	----	----	0.80 UNCH	.0067	----	----	----	----	50	UNCH
1350	----	----	----	----	----	----	----	----	0.90 - 0.10	.0077	----	----	----	----	40	UNCH
1375	----	----	----	----	----	----	----	----	1.10 - 0.10	.0094	----	----	----	----	9	UNCH
1410	----	----	----	----	----	----	----	----	1.40 - 0.10	.0121	----	----	----	----	1	UNCH
1425	----	----	----	----	----	----	----	----	1.60 - 0.10	.0138	----	----	----	----	30</	

BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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															
AUG23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2300	----	----	----	367.10B/*343.00	367.10B/*343.00A	----	----	----	344.80 - 20.10	.8410	----	----	----	----	3	UNCH
2310	----	----	----	376.40B/*352.10	376.40B/*352.10A	----	----	----	353.90 - 20.20	.8465	----	----	----	----	2	UNCH
2370	----	----	----	432.60B/*407.50	432.60B/*407.50A	----	----	----	409.20 - 20.90	.8755	----	----	----	----	2	UNCH
2375	----	----	----	437.30B/*412.10	437.30B/*412.10A	----	----	----	413.90 - 21.00	.8777	----	----	----	----	2	UNCH
2380	----	----	----	442.10B/*416.80	442.10B/*416.80A	----	----	----	418.60 - 21.00	.8798	----	----	----	----	1	UNCH
2400	----	----	----	461.10B/*435.60	461.10B/*435.60A	----	----	----	437.30 - 21.20	.8876	----	----	----	----	6	UNCH
2450	----	----	----	509.00B/*483.00	509.00B/*483.00A	----	----	----	484.70 - 21.70	.9045	----	----	----	----	1	UNCH
2500	----	----	----	557.30B/*530.90	557.30B/*530.90A	----	----	----	532.70 - 22.00	.9186	----	----	3	----	16 +	3
TOTAL													17		4239 +	1
SEP23	----	----	----	----	----	----	----	----	0.50 UNCH	.0037	----	----	----	----	2	UNCH
1200	----	----	----	----	----	----	----	----	0.70 UNCH	.0053	----	----	----	----	1	UNCH
1250	----	----	----	----	----	----	----	----	1.00 UNCH	.0076	----	----	45	----	45 +	45
1300	0.90	0.90		0.90/*0.90	0.90/*0.90	----	----	----	1.30 UNCH	.0101	----	----	----	----	10	UNCH
1350	----	----	----	----	----	----	----	----	1.60 UNCH	.0123	----	----	----	----	21	UNCH
1375	----	----	----	----	----	----	----	----	1.80 - 0.10	.0141	----	----	----	----	3800	UNCH
1400	----	----	----	----	----	----	----	----	2.40 - 0.20	.0187	----	----	----	----	1	UNCH
1440	----	----	----	----	----	----	----	----	2.60 - 0.20	.0202	----	----	----	----	61	UNCH
1450	----	----	----	----	----	----	----	----	3.20 - 0.30	.0248	----	----	----	----	1	UNCH
1480	----	----	----	----	----	----	----	----	3.70 - 0.30	.0286	----	----	----	----	500	UNCH
1500	----	----	----	----	----	----	----	----	4.40 - 0.40	.0339	----	----	----	----	15	UNCH
1525	----	----	----	----	----	----	----	----	5.30 - 0.50	.0405	----	----	----	----	1986	UNCH
1550	----	----	----	----	----	----	----	----	5.70 - 0.50	.0434	----	----	----	----	2	UNCH
1560	----	----	----	----	----	----	----	----	6.30 - 0.60	.0479	----	----	----	----	25	UNCH
1575	----	----	----	----	----	----	----	----	7.00 - 0.70	.0529	----	----	----	----	1	UNCH
1590	----	----	----	----	----	----	----	----	7.50 - 0.80	.0565	----	----	----	----	509	UNCH
1600	----	----	----	----	----	----	----	----	9.00 - 0.90	.0670	----	----	----	----	25	UNCH
1625	----	----	----	----	----	----	----	----	10.70 - 1.10	.0788	----	----	----	----	680	UNCH
1650	----	----	----	----	----	----	----	----	11.50 - 1.20	.0842	----	----	----	----	74	UNCH
1660	----	----	----	----	----	----	----	----	12.80 - 1.40	.0928	----	----	----	----	83	UNCH
1675	----	----	----	----	----	----	----	----	15.30 - 1.70	.1090	----	----	1	----	16 -	1
1700	16.70	16.70		16.70/*15.20A	16.70/*15.20A	----	----	----	15.90 - 1.70	.1127	----	----	----	----	10	UNCH
1705	----	----	----	----	----	----	----	----	19.60 - 2.30	.1358	----	----	----	----	1	UNCH
1735	----	----	----	----	----	----	----	----	21.80 - 2.60	.1489	----	----	----	----	845	UNCH
1750	----	----	----	----	----	----	----	----	30.90 - 3.70	.1997	----	----	----	----	100	UNCH
1800	----	----	----	----	----	----	----	----	42.10 - 4.90	.2554	----	----	5	----	24	UNCH
1845	45.00	45.00		47.20B/*41.70A	47.20B/*41.70A	----	----	----	43.50 - 5.10	.2620	----	----	----	----	156 +	5
1850	----	----	----	48.80B/*43.10A	48.80B/*43.10A	----	----	----	45.00 - 5.30	.2689	----	----	----	----	20	UNCH
1855	----	----	----	50.50B/*44.60A	50.50B/*44.60A	----	----	----	49.70 - 5.90	.2898	----	----	----	----	1	UNCH
1870	----	----	----	55.70B/*49.20A	55.70B/*49.20A	----	----	----	54.90 - 6.40	.3117	----	----	----	----	1	UNCH
1885	----	----	----	61.40B/*54.20A	61.40B/*54.20A	----	----	----	56.60 - 6.70	.3189	----	----	----	----	26	UNCH
1890	----	----	----	63.40B/*56.00A	63.40B/*56.00A	----	----	----	60.40 - 7.10	.3340	----	----	----	----	12	UNCH
1900	----	----	----	----	----	----	----	----	62.30 - 7.40	.3415	----	----	----	----	1	UNCH
1905	----	----	----	----	----	----	----	----	66.40 - 7.70	.3569	----	----	----	----	1	UNCH
1915	----	----	----	----	----	----	----	----	68.50 - 7.90	.3646	----	----	----	----	4	UNCH
1920	----	----	----	----	----	----	----	----	70.60 - 8.20	.3724	----	----	----	----	1	UNCH
1925	----	----	----	81.20B/*71.90A	81.20B/*71.90A	----	----	----	72.80 - 8.30	.3801	----	----	----	----	1	UNCH
1930	----	----	----	----	----	----	----	----	75.10 - 8.50	.3880	----	----	----	----	700	UNCH
1935	----	----	----	----	----	----	----	----	77.40 - 8.70	.3958	----	----	----	----	3	UNCH
1940	----	----	----	88.70B/*78.60A	88.70B/*78.60A	----	----	----	79.70 - 8.90	.4037	----	----	----	----	2	UNCH
1945	----	----	----	93.90B/*83.40A	93.90B/*83.40A	----	----	----	84.50 - 9.30	.4193	----	----	----	----	2	UNCH
1955	----	----	----	96.60B/*85.80A	96.60B/*85.80A	----	----	----	87.00 - 9.50	.4272	----	----	----	----	1	UNCH
1960	----	----	----	152.70B/*137.50	152.70B/*137.50A	----	----	----	139.10 - 12.90	.5622	----	----	----	----	78	UNCH
2050	----	----	----	170.50B/*154.10	170.50B/*154.10A	----	----	----	155.80 - 13.90	.5959	----	----	----	----	1	UNCH
2075	----	----	----	189.00B/*171.80	189.00B/*171.80A	----	----	----	173.30 - 14.80	.6274	----	----	----	----	2	UNCH
2100	----	----	----	228.30B/*209.10	228.30B/*209.10A	----	----	----	210.80 - 16.20	.6839	----	----	----	----	13	UNCH
2150	----	----	----	248.70B/*228.70	248.70B/*228.70A	----	----	----	230.50 - 16.80	.7089	----	----	----	----	1	UNCH
2175	----	----	----	269.60B/*248.90	269.60B/*248.90A	----	----	----	250.80 - 17.40	.7318	----	----	----	----	7	UNCH
2200	----	----	----	291.00B/*269.60	291.00B/*269.60A	----	----	----	271.50 - 17.90	.7527	----	----	----	----	3	UNCH
2225	----	----	----	312.80B/*290.70	312.80B/*290.70A	----	----	----	292.70 - 18.40	.7721	----	----	----	----	1	UNCH
2250	----	----	----	326.00B/*303.60	326.00B/*303.60A	----	----	----	305.60 - 18.60	.7829	----	----	----	----	1	UNCH
2265	----	----	----	330.40B/*307.90	330.40B/*307.90A	----	----	----	309.90 - 18.70	.7863	----	----	----	----	2	UNCH
2270	----	----	----	334.90B/*312.30	334.90B/*312.30A	----	----	----	314.20 - 18.90	.7898	----	----	----	----	3	UNCH
2275	----	----	----	339.30B/*316.60	339.30B/*316.60A	----	----	----	318.60 - 18.90	.7932	----	----	----	----	1	UNCH
2280	----	----	----	348.30B/*325.40	348.30B/*325.40A	----	----	----	327.30 - 19.10	.7996	----	----	----	----	2	UNCH
2290	----	----	----	357.30B/*334.20	357.30B/*334.20A	----	----	----	336.10 - 19.30	.8056	----	----	----	----	2	UNCH
2300	----	----	----	366.30B/*343.00	366.30B/*343.00A	----	----	----	345.00 - 19.40	.8119	----	----	----	----	1	UNCH
2310	----	----	----	375.40B/*351.90	375.40B/*351.90A	----	----	----	353.90 - 19.50	.8175	----	----	----	----	5	UNCH
2320	----	----	----	380.00B/*356.40	380.00B/*356.40A	----	----	----	358.30 - 19.60	.8204	----	----	----	----	5	UNCH
2325	----	----	----	384.50B/*360.90	384.50B/*360.90A	----	----	----	362							



	BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
OG PUT DEC23	COMEX GOLD OPTIONS															
1000	----	----	----	----	----	----	----	0.40 - 0.10	.0023	----	----	----	----	5	UNCH	
1050	----	----	----	----	----	----	----	0.50 - 0.10	.0030	----	----	----	----	4	UNCH	
1100	----	----	----	----	----	----	----	0.70 - 0.10	.0042	----	----	----	----	2	UNCH	
1200	----	----	----	----	----	----	----	1.30 UNCH	.0080	----	----	----	----	2	UNCH	
1250	----	----	----	----	----	----	----	1.70 UNCH	.0105	----	----	----	----	152	UNCH	
1300	----	----	----	----	----	----	----	2.30 + 0.10	.0143	----	----	----	----	101	UNCH	
1325	----	----	----	----	----	----	----	2.60 UNCH	.0162	----	----	----	----	701	UNCH	
1350	----	----	----	----	----	----	----	3.00 UNCH	.0188	----	----	----	----	2	UNCH	
1400	4.30	4.30		4.30/*4.20	4.30/*4.20	----	----	4.10 - 0.10	.0255	----	----	82	----	84 -	1	
1450	----	----	----	----	----	----	----	5.60 - 0.20	.0344	----	----	----	----	157	UNCH	
1500	----	----	----	----/*7.80A	----/*7.80A	----	----	7.50 - 0.50	.0457	----	----	2	----	381	UNCH	
1510	----	----	----	----/*8.30A	----/*8.30A	----	----	7.90 - 0.60	.0481	----	----	----	----	2	UNCH	
1550	----	----	----	----/*10.50A	----/*10.50A	----	----	10.00 - 0.80	.0602	----	----	----	----	769	UNCH	
1575	----	----	----	----/*12.00A	----/*12.00A	----	----	11.60 - 0.90	.0692	----	----	----	----	1	UNCH	
1580	----	----	----	----/*12.40A	----/*12.40A	----	----	11.90 - 1.00	.0710	----	----	----	----	1	UNCH	
1600	15.00	15.00		15.00/*13.80A	15.00/*13.80A	----	----	13.40 - 1.10	.0793	----	----	1	----	653	UNCH	
1625	----	----	----	----/*15.90A	----/*15.90A	----	----	15.40 - 1.40	.0903	----	----	----	----	10	UNCH	
1650	18.90	18.90		18.90/*18.20A	18.90/*18.20A	----	----	17.90 - 1.60	.1035	----	----	10	----	200 -	10	
1675	----	----	----	----/*21.00A	----/*21.00A	----	----	20.70 NEW	.1179	----	----	1	----	1 +	1	
1700	----	----	----	----/*24.20A	----/*24.20A	----	----	23.90 - 2.30	.1340	----	----	1	----	1610	UNCH	
1725	----	----	----	----/*28.00A	----/*28.00A	----	----	27.70 - 2.70	.1523	----	----	----	----	26	UNCH	
1740	----	----	----	----/*30.50A	----/*30.50A	----	----	30.20 - 3.00	.1640	----	----	----	----	6	UNCH	
1750	----	----	----	----/*32.30A	----/*32.30A	----	----	32.00 - 3.20	.1722	----	----	60	----	390 +	30	
1775	----	----	----	----/*37.30A	----/*37.30A	----	----	37.00 - 3.70	.1943	----	----	----	----	49	UNCH	
1800	----	----	----	----/*43.00A	----/*43.00A	----	----	42.70 - 4.40	.2184	----	----	----	----	79	UNCH	
1825	----	----	----	----/*49.50A	----/*49.50A	----	----	49.20 - 5.10	.2443	----	----	----	----	1	UNCH	
1835	51.00	51.00		51.00/*51.00	51.00/*51.00	----	----	52.10 - 5.40	.2553	----	----	1	----	2 +	1	
1840	----	----	----	----/*53.80A	----/*53.80A	----	----	53.60 NEW	.2609	----	----	1	----	1 +	1	
1850	----	----	----	----/*56.90A	----/*56.90A	----	----	56.60 - 5.90	.2720	----	----	1	----	381 +	1	
1860	----	----	----	----/*60.10A	----/*60.10A	----	----	59.90 - 6.10	.2837	----	----	----	----	75	UNCH	
1870	----	----	----	----/*63.40A	----/*63.40A	----	----	63.30 - 6.40	.2955	----	----	----	----	100	UNCH	
1875	----	----	----	----/*65.20A	----/*65.20A	----	----	65.00 - 6.70	.3014	----	----	----	----	320	UNCH	
1880	----	----	----	----/*67.00A	----/*67.00A	----	----	66.80 - 6.80	.3074	----	----	----	----	130	UNCH	
1900	----	----	----	----/*74.50A	----/*74.50A	----	----	74.40 - 7.50	.3320	----	----	10	----	87 +	10	
1905	----	----	----	----/*76.40A	----/*76.40A	----	----	76.40 - 7.70	.3382	----	----	----	----	10	UNCH	
1920	----	----	----	----/*82.70A	----/*82.70A	----	----	82.70 NEW	.3571	----	----	1	----	1 +	1	
1950	----	----	----	----/*96.10A	----/*96.10A	----	----	96.30 - 9.20	.3953	----	----	11	----	40 +	3	
1975	----	----	----	----/*108.30A	----/*108.30A	----	----	108.70 - 10.10	.4272	----	----	15	----	160	UNCH	
2000	----	----	----	----/*121.60A	----/*121.60A	----	----	121.90 NEW	.4590	----	----	10	----	10 +	10	
2050	----	----	----	----/*150.70A	----/*150.70A	----	----	151.20 - 12.70	.5199	----	----	----	----	84	UNCH	
2100	----	----	----	----/*183.30A	----/*183.30A	----	----	183.80 - 14.20	.5758	----	----	----	----	58	UNCH	
TOTAL												207		6848 +	47	
JUN24																
1880	----	----	----	----	----	----	----	83.40 - 7.50	.2911	----	----	----	----	75	UNCH	
1970	----	----	----	----	----	----	----	120.40 - 9.50	.3769	----	----	----	----	100	UNCH	
2000	----	----	----	----	----	----	----	135.20 - 10.20	.4064	----	----	----	----	130	UNCH	
TOTAL														305	0	
DEC24																
1700	----	----	----	----	----	----	----	51.80 - 4.20	.1653	----	----	----	----	100	UNCH	
TOTAL														100	0	
	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 FEB23	COMEX GOLD OPTIONS															
1200	----	----	----	#724.50B/697.50	#724.50B/697.50A	----	----	721.70 + 22.90	1.0000	----	----	----	----	1	UNCH	
1350	----	----	----	574.60B/547.50A	574.60B/547.50A	----	----	571.70 + 22.90	1.0000	----	----	----	----	5	UNCH	
1515	----	----	----	#409.80B/382.10	#409.80B/382.10A	----	----	406.70 + 22.90	1.0000	----	----	----	----	2	UNCH	
1550	----	----	----	374.80B/347.10A	374.80B/347.10A	----	----	371.70 + 22.90	1.0000	----	----	----	----	1	UNCH	
1600	----	----	----	324.80B/297.10A	324.80B/297.10A	----	----	321.70 + 22.90	1.0000	----	----	----	----	27	UNCH	
1610	----	----	----	314.80B/287.10A	314.80B/287.10A	----	----	311.70 + 22.90	1.0000	----	----	----	----	50	UNCH	
1615	----	----	----	309.80B/282.10A	309.80B/282.10A	----	----	306.70 + 22.90	1.0000	1	----	----	----	0 -	1	
1620	----	----	----	304.80B/277.10A	304.80B/277.10A	----	----	301.70 + 22.90	1.0000	----	----	----	----	2	UNCH	
1625	----	----	----	299.80B/272.10A	299.80B/272.10A	----	----	296.70 + 22.90	1.0000	3	----	----	----	9 -	3	
1630	----	----	----	294.80B/267.10A	294.80B/267.10A	----	----	291.70 + 22.90	1.0000	----	----	----	----	8	UNCH	
1635	----	----	----	289.80B/262.10A	289.80B/262.10A	----	----	286.70 + 22.90	1.0000	----	----	----	----	52	UNCH	
1640	----	----	----	284.80B/257.10A	284.80B/257.10A	----	----	281.70 + 22.90	1.0000	----	----	----	----	0	UNCH	
1645	----	----	----	279.80B/252.10A	279.80B/252.10A	----	----	276.70 + 22.90	1.0000	----	----	----	----	0	UNCH	
1650	----	----	----	274.80B/247.10A	274.80B/247.10A	----	----	271.70 + 22.90	1.0000	----	----	----	----	114	UNCH	
1655	----	----	----	269.80B/242.10A	269.80B/242.10A	----	----	266.70 + 22.90	1.0000	----	----	----	----	12	UNCH	
1660	----	----	----	264.80B/237.10A	264.80B/237.10A	----	----	261.70 + 22.90	1.0000	22	----	----	----	811 -	22	
1665	----	----	----	259.80B/232.10A	259.80B/232.10A	----	----	256.70 + 22.90	1.0000	----	----	----	----	2	UNCH	
1670	----	----	----	254.80B/227.10A	254.80B/227.10A	----	----	251.70 + 22.90	1.0000	----	----	----	----	548	UNCH	
1675	----	----	----	249.80B/222.10A	249.80B/222.10A	----	----	246.70 + 22.90	1.0000	----	----	----	----	969	UNCH	
1680	----	----	----	244.80B/217.10A	244.80B/217.10A	----	----	241.70 + 22.90	1.0000	----	----	----	----	186	UNCH	
1685	----	----	----	239.80B/212.10A	239.80B/212.10A	----	----	236.70 + 22.90	1.0000	----	----	----	----	199	UNCH	
1690	----	----	----	234.80B/207.10A	234.80B/207.10A	----	----	231.70 + 22.90	1.0000	----	----	----	----	130	UNCH	
1695	----	----	----	229.80B/202.10A												

	BULLETIN # 9@			METALS OPTION PRODUCTS								Fri, Jan 13, 2023			PG64	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY RANGE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
OG CALL	COMEX GOLD OPTIONS															
FEB23																
1975	2.20	2.20		4.90B/2.00A	4.90B/2.00A		4.30	+ 2.10	.1500	----	----	----	109	----	636 +	17
1980	2.30	2.30		4.30B/1.80A	4.30B/1.80A		3.70	+ 1.80	.1308	----	----	----	144	----	325 +	102
1985	2.80	2.80		3.70B/2.80	3.70B/2.80		3.20	+ 1.60	.1142	----	----	----	16	----	403 +	3
1990	1.70	1.70		3.20B/1.70	3.20B/1.70		2.80	+ 1.40	.1004	----	----	----	18	----	298 +	1
1995	2.10	2.10		2.70/1.20A	2.70/1.20A		2.50	+ 1.20	.0893	----	----	----	9	----	71 -	6
2000	1.20	1.20		2.50/1.10A	2.50/1.10A		2.20	+ 1.10	.0786	----	----	----	1704	----	3532 +	211
2005	1.00	1.00		2.10/1.00	2.10/1.00		1.90	+ 0.90	.0683	----	----	----	11	----	90 +	5
2010	1.50	1.50		1.80B/1.50	1.80B/1.50		1.70	+ 0.80	.0608	----	----	----	62	----	160 +	24
2015	----	----		1.60B/----	1.60B/----		1.50	+ 0.70	.0536	----	----	----	----	----	101	UNCH
2020	0.90	0.90		1.40B/0.90	1.40B/0.90		1.30	+ 0.60	.0466	----	----	----	18	----	297 +	9
2025	1.20	1.20		1.30/1.20	1.30/1.20		1.10	+ 0.50	.0398	----	----	----	215	----	1261 -	5
2030	1.10	1.10		1.20/1.10	1.20/1.10		1.00	+ 0.50	.0358	----	----	----	5	----	169 -	2
2035	0.60	0.60		1.00B/0.60	1.00B/0.60		0.90	+ 0.40	.0320	----	----	----	4	----	94 +	2
2040	0.70	0.70		0.90B/0.70	0.90B/0.70		0.80	+ 0.40	.0283	----	----	----	20	----	417 -	6
2045	----	----		0.80B/----	0.80B/----		0.70	+ 0.30	.0247	----	----	----	----	----	528	UNCH
2050	0.70	0.70		0.80/0.70	0.80/0.70		0.60	+ 0.30	.0212	----	----	----	449	----	1303 -	62
2055	0.50	0.50		0.70/0.50	0.70/0.50		0.60	+ 0.30	.0206	----	----	----	9	----	58 +	3
2060	0.50	0.50		0.60B/0.50	0.60B/0.50		0.50	+ 0.20	.0173	----	----	----	15	----	66 -	13
2065	0.50	0.50		0.60/0.50	0.60/0.50		0.50	+ 0.30	.0169	----	----	----	15	----	24 -	9
2070	0.50	0.50		0.50/0.50	0.50/0.50		0.40	+ 0.20	.0137	----	----	----	8	----	148 +	6
2075	0.40	0.40		0.50/0.40	0.50/0.40		0.40	+ 0.20	.0133	----	----	----	8	----	237 +	2
2080	----	----		0.40B/----	0.40B/----		0.30	+ 0.10	.0102	----	----	----	----	----	144	UNCH
2085	0.40	0.40		0.40/0.40	0.40/0.40		0.30	+ 0.10	.0100	----	----	----	10	----	45 -	10
2090	----	----		0.40B/----	0.40B/----		0.30	+ 0.20	.0098	----	----	----	----	----	46	UNCH
2095	----	----		0.30B/----	0.30B/----		0.20	+ 0.10	.0068	----	----	----	----	----	90	UNCH
2100	0.20	0.20		0.30/0.20	0.30/0.20		0.20	+ 0.10	.0066	----	----	----	646	----	1958 +	399
2105	0.30	0.30		0.30/0.30	0.30/0.30		0.20	+ 0.10	.0065	----	----	----	3	----	14 -	3
2110	0.30	0.30		0.30/0.20	0.30/0.20		0.20	+ 0.10	.0063	----	----	----	12	----	78 +	11
2115	----	----		0.20B/----	0.20B/----		0.20	+ 0.10	.0062	----	----	----	----	----	21	UNCH
2120	----	----		0.20B/----	0.20B/----		0.20	+ 0.10	.0061	----	----	----	----	----	505	UNCH
2125	----	----		0.20B/----	0.20B/----		0.10	UNCH	.0032	----	----	----	----	----	75	UNCH
2130	----	----		0.20B/----	0.20B/----		0.10	UNCH	.0027	----	----	----	----	----	19	UNCH
2135	----	----		0.20B/----	0.20B/----		0.10	UNCH	.0022	----	----	----	----	----	53	UNCH
2140	----	----		0.20B/----	0.20B/----		0.10	UNCH	.0018	----	----	----	----	----	27	UNCH
2145	----	----		0.20B/----	0.20B/----		0.10	UNCH	.0014	----	----	----	----	----	7	UNCH
2150	----	----		----	----		0.10	UNCH	.0011	----	----	----	14	----	573	UNCH
2155	----	----		----	----		0.10	UNCH	.0009	----	----	----	----	----	30	UNCH
2160	0.10	0.10		0.10/0.10	0.10/0.10		0.10	UNCH	.0007	----	----	----	10	----	38 +	10
2165	0.10	0.10		0.10/0.10	0.10/0.10		0.10	UNCH	.0006	----	----	----	10	----	88 +	10
2170	----	----		----	----		0.10	UNCH	.0005	----	----	----	75	----	147 +	74
2175	----	----		----	----		0.10	UNCH	.0004	----	----	----	----	----	166	UNCH
2180	----	----		----	----		0.10	UNCH	.0003	----	----	----	----	----	12	UNCH
2185	0.10	0.10		0.10/*0.10	0.10/*0.10		0.10	UNCH	.0002	----	----	----	10	----	37 +	10
2190	0.10	0.10		0.10/*0.10	0.10/*0.10		0.10	UNCH	.0002	----	----	----	10	----	85	UNCH
2195	0.10	0.10		0.10/*0.10	0.10/*0.10		0.10	UNCH	.0001	----	----	----	3	----	7 +	3
2200	0.10	0.10		0.10/0.10	0.10/0.10		0.10	UNCH	.0001	----	----	----	22	----	2251 +	22
2205	----	----		----	----		0.10	UNCH	.0001	----	----	----	----	----	97	UNCH
2210	----	----		----	----		0.10	UNCH	.0000	----	----	----	----	----	46	UNCH
2215	0.10	0.10		0.10/*0.10	0.10/*0.10		0.10	UNCH	.0000	----	----	----	14	----	39 +	14
2220	----	----		----	----		0.10	UNCH	.0000	----	----	----	----	----	473	UNCH
2225	0.10	0.10		0.10/0.10	0.10/0.10		0.10	UNCH	.0000	----	----	----	15	----	80 +	14
2230	----	----		----	----		0.10	UNCH	.0000	----	----	----	----	----	51	UNCH
2235	----	----		----	----		0.10	UNCH	.0000	----	----	----	----	----	4	UNCH
2240	----	----		----	----		0.10	UNCH	.0000	----	----	----	----	----	10	UNCH
2245	----	----		----	----		0.10	UNCH	.0000	----	----	----	----	----	75	UNCH
2250	0.10	0.10		0.10/0.10	0.10/0.10		0.10	UNCH	.0000	----	----	----	65	----	700 +	56
2255	----	----		----	----		0.10	UNCH	.0000	----	----	----	----	----	99	UNCH
2260	----	----		----	----		0.10	UNCH	.0000	----	----	----	----	----	39	UNCH
2265	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	3	UNCH
2270	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	24	UNCH
2275	----	----		----	----		0.10	UNCH	.0065	----	----	----	----	----	71	UNCH
2280	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	107	UNCH
2290	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	79	UNCH
2300	0.10	0.10		0.10/0.10	0.10/0.10		0.10	UNCH	----	----	----	----	298	----	7336 -	43
2310	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	116	UNCH
2320	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	21	UNCH
2325	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	264	UNCH
2330	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	100	UNCH
2340	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	191	UNCH
2350	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	16	UNCH
2360	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	114	UNCH
2375	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	405	UNCH
2400	----	----		----	----		0.10	UNCH	----	----	----	----	----	----	1335	UNCH
2425	----	----		----	----		0.10	UNCH								

PG64	BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 2023			PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETTL.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST				
OG CALL	COMEX GOLD OPTIONS																
MAR23																	
1835	----	----		112.60B/88.40A	112.60B/88.40A	----	109.70 + 19.70	.8701	----	----	10	----	50 -	3			
1840	----	----		108.20B/84.30A	108.20B/84.30A	----	105.40 + 19.50	.8587	----	----	5	----	412 -	5			
1845	80.00	80.00		103.90B/80.00	103.90B/80.00	----	101.10 + 19.20	.8482	----	----	5	----	80 -	4			
1850	78.10	78.10		99.60B/76.50A	99.60B/76.50A	----	96.90 + 18.90	.8355	----	----	56	----	2980 +	3			
1855	----	----		95.40B/72.80A	95.40B/72.80A	----	92.70 + 18.50	.8227	----	----	----	----	294	UNCH			
1860	70.60	70.60		91.30B/69.10A	91.30B/69.10A	----	88.70 + 18.20	.8080	----	----	1	----	370 -	1			
1865	----	----		87.20B/65.50A	87.20B/65.50A	----	84.70 + 17.80	.7941	----	----	1	----	150	UNCH			
1870	----	----		83.30B/62.00A	83.30B/62.00A	----	80.70 + 17.30	.7784	----	----	1	----	237	UNCH			
1875	59.50	59.50		79.40B/58.60A	79.40B/58.60A	----	76.90 + 16.90	.7619	----	62	----	----	1621 +	2			
1880	----	----		75.60B/55.40A	75.60B/55.40A	----	73.20 + 16.50	.7452	----	5	----	----	335 -	1			
1885	----	----		71.90B/51.90A	71.90B/51.90A	----	69.60 + 16.00	.7273	----	2	----	----	118	UNCH			
1890	64.60	64.60		68.30B/49.00A	68.30B/49.00A	----	66.00 + 15.50	.7092	----	1	----	----	73	UNCH			
1895	64.50	64.50		64.90B/45.90A	64.90B/45.90A	----	62.60 + 15.00	.6900	----	2	----	----	167 +	1			
1900	45.00	45.00		61.50B/41.30	61.50B/41.30	----	59.30 + 14.50	.6703	----	1424	----	----	5823 -	106			
1905	51.60	51.60		58.20B/40.20A	58.20B/40.20A	----	56.10 + 13.90	.6503	----	32	----	----	156 +	32			
1910	39.80	39.80		55.10B/37.60A	55.10B/37.60A	----	53.00 + 13.40	.6301	----	11	----	----	1501 +	6			
1915	47.70	47.70		52.00B/35.30A	52.00B/35.30A	----	50.10 + 13.00	.6090	----	3	----	----	67	UNCH			
1920	34.60	34.60		49.10B/33.10A	49.10B/33.10A	----	47.20 + 12.40	.5880	----	55	----	----	826 -	7			
1925	37.00	37.00		46.30/30.90A	46.30/30.90A	----	44.50 + 11.90	.5668	----	2014	----	----	4513 +	1190			
1930	34.90	34.90		43.70B/28.90A	43.70B/28.90A	----	41.80 + 11.30	.5454	----	31	----	----	364 +	1			
1935	28.40	28.40		41.10B/27.10A	41.10B/27.10A	----	39.30 + 10.80	.5240	----	160	----	----	190 +	96			
1940	28.90	28.90		38.70B/25.30A	38.70B/25.30A	----	36.90 + 10.30	.5026	----	122	----	----	151 +	55			
1945	28.00	28.00		36.40B/23.60A	36.40B/23.60A	----	34.70 + 9.90	.4815	----	52	----	----	84 +	30			
1950	23.20	23.20		34.20/22.00A	34.20/22.00A	----	32.50 + 9.40	.4604	----	2510	----	----	4621 -	178			
1955	25.10	25.10		32.00/20.50A	32.00/20.50A	----	30.50 + 9.00	.4398	----	7	----	----	729	UNCH			
1960	21.80	21.80		30.00B/19.10A	30.00B/19.10A	----	28.50 + 8.40	.4194	----	120	----	----	192 +	34			
1965	23.70	23.70		28.10B/17.80A	28.10B/17.80A	----	26.70 + 8.00	.3995	----	13	----	----	96 +	1			
1970	21.40	21.40		26.30B/16.50A	26.30B/16.50A	----	24.90 + 7.60	.3798	----	63	----	----	369 +	10			
1975	18.50	18.50		24.70/15.40A	24.70/15.40A	----	23.30 + 7.20	.3610	----	1517	----	----	1956 +	917			
1980	22.40	22.40		23.10B/14.30A	23.10B/14.30A	----	21.80 + 6.80	.3428	----	64	----	----	305 -	18			
1985	19.50	19.50		21.60B/13.30A	21.60B/13.30A	----	20.30 + 6.40	.3247	----	10	----	----	48 +	4			
1990	19.40	19.40		20.30/12.40A	20.30/12.40A	----	19.00 + 6.10	.3078	----	68	----	----	665 +	52			
1995	18.90	18.90		18.90/11.50A	18.90/11.50A	----	17.70 + 5.70	.2911	----	25	----	----	126 +	14			
2000	11.00	11.00		17.70/10.70A	17.70/10.70A	----	16.50 + 5.40	.2751	----	924	500	----	6374 +	187			
2005	13.40	13.40		16.40B/10.00A	16.40B/10.00A	----	15.40 + 5.10	.2599	----	11	----	----	97 +	2			
2010	11.50	11.50		15.30B/9.20A	15.30B/9.20A	----	14.40 + 4.80	.2456	----	10	----	----	171 +	8			
2015	11.10	11.10		14.40/8.60A	14.40/8.60A	----	13.40 + 4.50	.2315	----	17	----	----	48 +	9			
2020	10.60	10.60		13.30B/8.00A	13.30B/8.00A	----	12.50 + 4.20	.2183	----	2	----	----	110	UNCH			
2025	9.90	9.90		12.40/7.40A	12.40/7.40A	----	11.60 + 3.90	.2052	----	402	----	----	456 +	248			
2030	8.00	8.00		11.60B/6.80	11.60B/6.80	----	10.90 + 3.80	.1940	----	476	----	----	2041 -	309			
2035	10.00	10.00		10.80B/6.50A	10.80B/6.50A	----	10.10 + 3.50	.1820	----	2	----	----	88	UNCH			
2040	8.60	8.60		10.10B/6.00A	10.10B/6.00A	----	9.50 + 3.30	.1720	----	23	----	----	184 +	4			
2045	6.30	6.30		9.40B/5.60A	9.40B/5.60A	----	8.80 + 3.10	.1612	----	32	----	----	143 -	24			
2050	5.40	5.40		8.90/5.20A	8.90/5.20A	----	8.20 + 2.90	.1515	----	1229	----	----	3496 -	717			
2055	4.70	4.70		8.20/4.60	8.20/4.60	----	7.70 + 2.80	.1430	----	23	----	----	72 -	1			
2060	6.00	6.00		7.70B/4.50A	7.70B/4.50A	----	7.20 + 2.60	.1345	----	29	----	----	101 +	19			
2065	5.20	5.20		7.20B/4.20A	7.20B/4.20A	----	6.70 + 2.40	.1262	----	5	----	----	44 +	1			
2070	4.50	4.50		6.70B/3.90A	6.70B/3.90A	----	6.30 + 2.30	.1191	----	278	----	----	263 +	66			
2075	4.50	4.50		6.30B/4.20	6.30B/4.20	----	5.90 + 2.20	.1121	----	24	----	----	6061 +	4			
2080	4.50	4.50		5.90/3.40A	5.90/3.40A	----	5.50 + 2.00	.1052	----	29	----	----	145 +	12			
2085	3.80	3.80		5.50B/3.80	5.50B/3.80	----	5.20 + 2.00	.0996	----	23	----	----	69 +	19			
2090	3.80	3.80		5.10B/3.80	5.10B/3.80	----	4.80 + 1.80	.0928	----	13	----	----	71 -	6			
2095	2.90	2.90		4.80B/2.90	4.80B/2.90	----	4.50 + 1.70	.0874	----	13	----	----	44 +	7			
2100	2.60	2.60		4.50/2.40	4.50/2.40	----	4.30 + 1.70	.0832	----	267	----	----	3251 -	33			
2105	3.00	3.00		4.30B/3.00	4.30B/3.00	----	4.00 + 1.50	.0779	----	8	----	----	51 -	5			
2110	2.40	2.40		4.00B/2.40	4.00B/2.40	----	3.80 + 1.50	.0740	----	4	----	----	324	UNCH			
2115	2.10	2.10		3.80B/2.10	3.80B/2.10	----	3.50 + 1.30	.0688	----	8	----	----	128 +	3			
2120	2.30	2.30		3.50B/2.30	3.50B/2.30	----	3.30 + 1.30	.0649	----	7	----	----	181	UNCH			
2125	2.10	2.10		3.40/2.10	3.40/2.10	----	3.10 + 1.20	.0612	----	22	----	----	104 +	18			
2130	2.90	2.90		3.10B/2.90	3.10B/2.90	----	3.00 + 1.20	.0588	----	6	----	----	50 +	1			
2135	2.10	2.10		2.90B/2.10	2.90B/2.10	----	2.80 + 1.10	.0551	----	5	----	----	16	UNCH			
2140	2.60	2.60		2.80B/2.60	2.80B/2.60	----	2.60 + 1.00	.0515	----	7	----	----	104 +	4			
2145	2.00	2.00		2.60/2.00	2.60/2.00	----	2.50 + 1.00	.0493	----	59	----	----	62 +	55			
2150	1.90	1.90		2.50/1.90	2.50/1.90	----	2.30 + 0.90	.0458	----	48	----	----	1602 +	17			
2155	----	----		2.30B/----	2.30B/----	----	2.20 + 0.90	.0436	----	----	----	----	11	UNCH			
2160	2.00	2.00		2.20B/2.00	2.20B/2.00	----											

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															
1625	----	----	#316.90B/289.20	#316.90B/289.20A	----	313.60	+ 22.80	.9838	----	----	----	----	17	UNCH	
1630	----	----	#311.40B/284.80	#311.40B/284.80A	----	308.60	+ 22.70	.9836	----	----	----	----	6	UNCH	
1635	----	----	#306.50B/279.90	#306.50B/279.90A	----	303.70	+ 22.70	.9820	----	----	----	----	12	UNCH	
1640	----	----	#301.60B/275.20	#301.60B/275.20A	----	298.70	+ 22.60	.9805	----	----	----	----	14	UNCH	
1645	----	----	#296.60B/270.20	#296.60B/270.20A	----	293.80	+ 22.60	.9802	----	----	----	----	15	UNCH	
1650	----	----	292.20B/264.70A	292.20B/264.70A	----	288.90	+ 22.60	.9787	----	----	----	----	252	UNCH	
1655	----	----	#286.70B/260.50	#286.70B/260.50A	----	283.90	+ 22.50	.9771	----	----	----	----	27	UNCH	
1660	----	----	281.80B/255.60A	281.80B/255.60A	----	279.00	+ 22.50	.9755	----	----	----	----	33	UNCH	
1665	----	----	276.90B/250.60A	276.90B/250.60A	----	274.10	+ 22.50	.9740	----	----	----	----	28	UNCH	
1670	----	----	272.00B/245.70A	272.00B/245.70A	----	269.20	+ 22.50	.9724	----	----	----	----	65	UNCH	
1675	----	----	267.60B/240.30A	267.60B/240.30A	----	264.30	+ 22.40	.9707	----	----	----	----	33	UNCH	
1680	----	----	262.20B/235.90A	262.20B/235.90A	----	259.40	+ 22.40	.9691	----	----	----	----	11	UNCH	
1685	----	----	257.30B/231.20A	257.30B/231.20A	----	254.50	+ 22.30	.9674	----	----	----	----	12	UNCH	
1690	----	----	252.50B/226.30A	252.50B/226.30A	----	249.60	+ 22.20	.9646	----	----	----	----	15	UNCH	
1695	----	----	247.60B/221.40A	247.60B/221.40A	----	244.80	+ 22.20	.9629	----	----	----	----	6	UNCH	
1700	----	----	243.20B/216.20A	243.20B/216.20A	----	239.90	+ 22.10	.9600	----	----	----	----	925	UNCH	
1705	----	----	237.90B/212.00A	237.90B/212.00A	----	235.10	+ 22.10	.9582	----	----	----	----	226	UNCH	
1710	----	----	233.10B/207.20A	233.10B/207.20A	----	230.30	+ 22.10	.9553	----	----	----	----	2	UNCH	
1715	----	----	228.30B/202.50A	228.30B/202.50A	----	225.50	+ 22.00	.9524	----	----	----	----	252	UNCH	
1720	----	----	223.50B/197.80A	223.50B/197.80A	----	220.70	+ 21.90	.9494	----	----	----	----	105	UNCH	
1725	----	----	219.10B/192.60A	219.10B/192.60A	----	215.90	+ 21.80	.9464	----	----	1	----	273	UNCH	
1730	214.50	214.50	214.50/188.30A	214.50/188.30A	----	211.10	+ 21.70	.9433	----	----	1	----	3 -	1	
1735	----	----	209.20B/184.00A	209.20B/184.00A	----	206.40	+ 21.70	.9392	----	----	----	----	2	UNCH	
1740	----	----	204.50B/179.10A	204.50B/179.10A	----	201.70	+ 21.60	.9350	----	----	----	----	152	UNCH	
1745	----	----	199.80B/174.50A	199.80B/174.50A	----	197.00	+ 21.50	.9318	----	----	24	----	157 -	7	
1750	----	----	195.40B/169.40A	195.40B/169.40A	----	192.30	+ 21.40	.9266	----	1	----	----	969	UNCH	
1755	----	----	190.30B/164.90A	190.30B/164.90A	----	187.60	+ 21.30	.9223	----	----	----	----	4	UNCH	
1760	----	----	185.70B/160.40A	185.70B/160.40A	----	183.00	+ 21.20	.9179	----	----	----	----	54	UNCH	
1765	----	----	181.10B/155.90A	181.10B/155.90A	----	178.40	+ 21.00	.9126	----	----	----	----	5	UNCH	
1770	----	----	176.50B/151.50A	176.50B/151.50A	----	173.80	+ 20.90	.9071	----	----	----	----	111	UNCH	
1775	----	----	172.30B/147.10A	172.30B/147.10A	----	169.30	+ 20.80	.9008	----	----	----	----	104	UNCH	
1780	----	----	167.70B/142.70A	167.70B/142.70A	----	164.80	+ 20.70	.8953	----	----	----	----	13	UNCH	
1785	----	----	163.30B/138.40A	163.30B/138.40A	----	160.30	+ 20.50	.8888	----	----	----	----	1	UNCH	
1790	----	----	158.80B/134.10A	158.80B/134.10A	----	155.80	+ 20.20	.8814	----	----	----	----	155	UNCH	
1795	----	----	154.40B/129.90A	154.40B/129.90A	----	151.40	+ 20.10	.8740	----	----	----	----	166	UNCH	
1800	----	----	150.00B/125.80A	150.00B/125.80A	----	147.10	+ 19.90	.8666	----	8	----	----	1502	UNCH	
1805	----	----	145.60B/121.70A	145.60B/121.70A	----	142.80	+ 19.80	.8590	----	----	----	----	30	UNCH	
1810	----	----	141.30B/117.60A	141.30B/117.60A	----	138.50	+ 19.50	.8506	----	----	----	----	351	UNCH	
1815	----	----	137.10B/113.60A	137.10B/113.60A	----	134.30	+ 19.30	.8415	----	6	----	----	86 -	2	
1820	128.00	128.00	132.90B/109.70A	132.90B/109.70A	----	130.10	+ 19.00	.8323	----	2	----	----	134 -	2	
1825	----	----	128.70B/105.90A	128.70B/105.90A	----	126.00	+ 18.80	.8223	----	----	----	----	314	UNCH	
1830	----	----	124.60B/102.10A	124.60B/102.10A	----	122.00	+ 18.60	.8123	----	----	----	----	168	UNCH	
1835	119.50	119.50	120.60B/98.40A	120.60B/98.40A	----	118.00	+ 18.30	.8017	----	2	----	----	131	UNCH	
1840	----	----	116.60B/94.70A	116.60B/94.70A	----	114.00	+ 18.00	.7909	----	83	----	----	896 +	65	
1845	99.00	99.00	112.70B/91.20A	112.70B/91.20A	----	110.20	+ 17.80	.7796	----	26	----	----	162	UNCH	
1850	101.00	101.00	108.90B/87.70A	108.90B/87.70A	----	106.40	+ 17.50	.7676	----	10	----	----	1933 +	3	
1855	----	----	105.10B/84.30A	105.10B/84.30A	----	102.60	+ 17.10	.7556	----	----	----	----	422	UNCH	
1860	----	----	101.30B/81.00A	101.30B/81.00A	----	99.00	+ 16.80	.7431	----	----	----	----	58	UNCH	
1865	79.10	79.10	97.70B/77.70A	97.70B/77.70A	----	95.40	+ 16.50	.7300	----	1	----	----	88 +	1	
1870	76.00	76.00	94.10B/74.60A	94.10B/74.60A	----	91.90	+ 16.20	.7166	----	1	----	----	16	UNCH	
1875	72.80	72.80	90.70B/71.30A	90.70B/71.30A	----	88.50	+ 15.90	.7031	----	20	----	----	573 -	5	
1880	----	----	87.30B/68.40A	87.30B/68.40A	----	85.10	+ 15.50	.6888	----	7	----	----	118	UNCH	
1885	----	----	83.90B/65.60A	83.90B/65.60A	----	81.90	+ 15.20	.6749	----	----	----	----	88	UNCH	
1890	----	----	80.70B/62.60A	80.70B/62.60A	----	78.70	+ 14.80	.6604	----	6	----	----	704 -	1	
1895	----	----	77.60B/59.90A	77.60B/59.90A	----	75.60	+ 14.50	.6455	----	6	----	----	140	UNCH	
1900	58.20	58.20	74.50B/56.70A	74.50B/56.70A	----	72.60	+ 14.10	.6307	----	169	----	----	4313 +	8	
1905	----	----	71.50B/54.30A	71.50B/54.30A	----	69.60	+ 13.70	.6155	----	----	----	----	49	UNCH	
1910	----	----	68.60B/51.80A	68.60B/51.80A	----	66.80	+ 13.40	.6003	----	----	----	----	28	UNCH	
1915	63.20	63.20	65.80B/49.50A	65.80B/49.50A	----	64.00	+ 13.00	.5850	----	4	----	----	94 -	1	
1920	50.70	50.70	63.10B/47.20A	63.10B/47.20A	----	61.30	+ 12.60	.5695	----	1	----	----	23 +	1	
1925	50.40	50.40	60.50B/45.00A	60.50B/45.00A	----	58.80	+ 12.30	.5541	----	55	----	----	908 +	31	
1930	50.90	50.90	57.90B/43.00A	57.90B/43.00A	----	56.20	+ 11.80	.5386	----	10	----	----	116 +	3	
1935	46.10	46.10	55.50B/41.10A	55.50B/41.10A	----	53.80	+ 11.50	.5231	----	6	----	----	127	UNCH	
1940	----	----	53.10B/39.10A	53.10B/39.10A	----	51.50	+ 11.20	.5077	----	19	525	----	588 +	503	
1945	41.00	41.00	51.00/37.40A	51.00/37.40A	----	49.20	+ 10.80	.4924	----	15	----	----	35 +	1	
1950	43.40	43.40	48.60B/35.60A	48.60B/35.60A	----	47.10	+ 10.50	.4773	1139	----	----	----	3432 +	183	
1955	42.40	42.40	46.40B/34.10A	46.40B/34.10A	----	45.00	+ 10.10	.4622	----	1	----				



	BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG CALL	COMEX GOLD OPTIONS														
APR23															
2325	1.80	1.80		2.10/1.80	2.10/1.80	----	----		2.10 + 0.70	.0286	----	----	6	----	71 + 6
2330	----	----		2.00B/----	2.00B/----	----	----		2.00 + 0.60	.0273	----	----	----	----	UNCH
2340	2.00	2.00		2.00/2.00	2.00/2.00	----	----		1.90 + 0.60	.0258	----	----	1	----	8 UNCH
2350	1.50	1.50		1.80/1.50	1.80/1.50	----	----		1.80 + 0.60	.0244	----	----	911	----	1421 + 872
2360	1.60	1.60		1.70B/1.60	1.70B/1.60	----	----		1.70 + 0.60	.0230	----	----	7	----	18 + 6
2370	1.60	1.60		1.60/1.60	1.60/1.60	----	----		1.60 + 0.50	.0216	----	----	14	----	137 + 14
2375	----	----		1.50B/----	1.50B/----	----	----		1.50 + 0.50	.0204	----	----	----	----	134 UNCH
2400	1.30	1.30		1.40/1.30	1.40/1.30	----	----		1.30 + 0.40	.0175	----	----	44	----	671 - 24
2425	----	----		1.20B/----	1.20B/----	----	----		1.10 + 0.30	.0148	----	----	1	----	63 + 1
2450	0.80	0.80		1.00/0.80	1.00/0.80	----	----		1.00 + 0.30	.0133	----	----	11	----	67 + 11
2475	----	----		0.90B/----	0.90B/----	----	----		0.90 + 0.30	.0118	----	----	----	----	25 UNCH
2500	0.60	0.60		0.80B/0.60	0.80B/0.60	----	----		0.80 + 0.20	.0104	----	----	7	----	902 + 6
2525	----	----		0.70B/----	0.70B/----	----	----		0.70 + 0.20	.0090	----	----	----	----	139 UNCH
2550	----	----		0.60B/----	0.60B/----	----	----		0.60 + 0.10	.0077	----	----	----	----	151 UNCH
2700	----	----		0.40B/----	0.40B/----	----	----		0.40 + 0.10	.0047	----	----	----	----	990 UNCH
3000	0.20	0.20		0.30/0.20	0.30/0.20	----	----		0.20 UNCH	.0021	----	----	150	----	490 + 110
TOTAL													9957	1,460	50118+ 4468
MAY23															
1250	----	----		#707.60B/681.30	#707.60B/681.30A	----	----		705.40 + 23.10	1.0000	----	----	----	----	1 UNCH
1300	----	----		#657.70B/631.60	#657.70B/631.60A	----	----		655.40 + 23.10	1.0000	----	----	----	----	9 UNCH
1550	----	----		#407.80B/380.40	#407.80B/380.40A	----	----		405.40 + 23.10	.9901	----	----	----	----	8 UNCH
1570	----	----		#387.80B/361.60	#387.80B/361.60A	----	----		385.40 + 23.10	.9871	----	----	----	----	8 UNCH
1575	----	----		#383.70B/355.60	#383.70B/355.60A	----	----		380.40 + 23.00	.9858	----	----	----	----	10 UNCH
1580	----	----		#378.00B/351.70	#378.00B/351.70A	----	----		375.40 + 23.00	.9856	----	----	----	----	1 UNCH
1595	----	----		#363.00B/336.40	#363.00B/336.40A	----	----		360.50 + 23.00	.9827	----	----	----	----	1 UNCH
1600	----	----		#358.90B/331.00	#358.90B/331.00A	----	----		355.50 + 22.90	.9814	----	----	----	----	6 UNCH
1610	----	----		#348.40B/321.60	#348.40B/321.60A	----	----		345.60 + 22.90	.9798	----	----	----	----	2 UNCH
1625	----	----		#334.20B/306.50	#334.20B/306.50A	----	----		330.70 + 22.70	.9758	----	----	----	----	4 UNCH
1630	----	----		#328.70B/302.20	#328.70B/302.20A	----	----		325.80 + 22.70	.9744	----	----	----	----	2 UNCH
1635	----	----		#323.80B/297.30	#323.80B/297.30A	----	----		320.90 + 22.70	.9731	----	----	----	----	1 UNCH
1650	----	----		#309.60B/282.10	#309.60B/282.10A	----	----		306.20 + 22.60	.9679	----	----	----	----	6 UNCH
1660	----	----		#299.40B/273.00	#299.40B/273.00A	----	----		296.40 + 22.40	.9650	----	----	----	----	6 UNCH
1665	----	----		#294.50B/268.20	#294.50B/268.20A	----	----		291.60 + 22.40	.9626	----	----	----	----	6 UNCH
1670	----	----		#289.70B/263.40	#289.70B/263.40A	----	----		286.70 + 22.30	.9611	----	----	----	----	8 UNCH
1675	----	----		#285.30B/258.10	#285.30B/258.10A	----	----		281.90 + 22.30	.9587	----	----	----	----	7 UNCH
1680	----	----		#280.00B/253.90	#280.00B/253.90A	----	----		277.00 + 22.20	.9563	----	----	----	----	9 UNCH
1685	----	----		#275.20B/249.30	#275.20B/249.30A	----	----		272.20 + 22.10	.9538	----	----	----	----	3 UNCH
1690	----	----		#270.40B/244.30	#270.40B/244.30A	----	----		267.40 + 22.10	.9513	----	----	----	----	7 UNCH
1695	----	----		#265.60B/239.70	#265.60B/239.70A	----	----		262.60 + 22.00	.9488	----	----	----	----	8 UNCH
1700	----	----		#261.30B/234.40	#261.30B/234.40A	----	----		257.90 + 22.00	.9463	----	----	----	----	33 UNCH
1705	----	----		#256.10B/230.50	#256.10B/230.50A	----	----		253.10 + 21.90	.9437	----	----	----	----	6 UNCH
1710	----	----		#251.30B/225.60	#251.30B/225.60A	----	----		248.40 + 21.90	.9403	----	----	----	----	1 UNCH
1715	----	----		#246.60B/221.00	#246.60B/221.00A	----	----		243.60 + 21.70	.9368	----	----	----	----	1 UNCH
1720	----	----		#241.90B/216.30	#241.90B/216.30A	----	----		238.90 + 21.60	.9342	----	----	----	----	4 UNCH
1735	----	----		#227.80B/201.90	#227.80B/201.90A	----	----		224.90 + 21.40	.9227	----	----	----	----	2 UNCH
1740	----	----		#223.20B/197.40	#223.20B/197.40A	----	----		220.30 + 21.30	.9183	----	----	----	----	4 UNCH
1750	----	----		214.30B/188.40A	214.30B/188.40A	----	----		211.10 + 21.10	.9102	----	----	----	----	286 UNCH
1760	----	----		#205.00B/179.50	#205.00B/179.50A	----	----		202.00 + 20.90	.9004	----	----	----	----	1 UNCH
1765	----	----		#200.70B/175.20	#200.70B/175.20A	----	----		197.50 + 20.80	.8950	----	----	----	----	10 UNCH
1775	----	----		#191.70B/166.50	#191.70B/166.50A	----	----		188.60 + 20.50	.8843	----	----	----	----	257 UNCH
1785	174.10	174.10		#182.80B/158.00	#182.80B/158.00A	----	----		179.80 + 20.30	.8720	----	----	1	----	2 - 1
1800	169.30	169.30		169.90B/145.60A	169.90B/145.60A	----	----		166.90 + 19.80	.8520	----	----	6	----	225 + 2
1810	----	----		#161.40B/137.60	#161.40B/137.60A	----	----		158.50 + 19.50	.8374	----	----	2	----	2 + 2
1815	----	----		#157.20B/133.60	#157.20B/133.60A	----	----		154.40 + 19.30	.8298	----	----	----	----	1 UNCH
1825	----	----		149.00B/125.90A	149.00B/125.90A	----	----		146.20 + 18.90	.8132	----	----	----	----	119 UNCH
1830	----	----		144.90B/122.10A	144.90B/122.10A	----	----		142.20 + 18.70	.8044	----	----	----	----	22 UNCH
1835	----	----		140.90B/118.40A	140.90B/118.40A	----	----		138.30 + 18.50	.7955	----	----	----	----	5 UNCH
1840	----	----		137.00B/114.80A	137.00B/114.80A	----	----		134.40 + 18.30	.7861	----	----	6	----	16 + 6
1850	----	----		129.30B/107.70A	129.30B/107.70A	----	----		126.80 + 17.80	.7668	----	----	2	----	975 UNCH
1855	----	----		125.50B/104.20A	125.50B/104.20A	----	----		123.00 + 17.50	.7568	----	----	----	----	1 UNCH
1865	----	----		118.20B/97.60A	118.20B/97.60A	----	----		115.80 + 17.00	.7360	----	----	----	----	10 UNCH
1870	----	----		114.60B/94.30A	114.60B/94.30A	----	----		112.30 + 16.70	.7249	----	----	----	----	10 UNCH
1875	----	----		111.10B/91.20A	111.10B/91.20A	----	----		108.80 + 16.40	.7137	----	----	----	----	110 UNCH
1880	----	----		107.60B/88.10A	107.60B/88.10A	----	----		105.40 + 16.10	.7025	----	----	----	----	4 UNCH
1885	----	----		104.30B/85.00A	104.30B/85.00A	----	----		102.10 + 15.90	.6910	----	----	----	----	1 UNCH
1890	----	----		101.00B/82.10A	101.00B/82.10A	----	----		98.80 + 15.50	.6792	----	----	----	----	22 UNCH
1895	----	----		97.70B/79.20A	97.70B/79.20A	----	----		95.60 + 15.20	.667167					

	BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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															
2300	4.50	4.50	6.10/4.50	6.10/4.50	----	5.80 + 1.40	.0649	----	----	36	----	185 +	8		
2310	----	----	5.50B/----	5.50B/----	----	5.40 + 1.20	.0608	----	----	----	----	11	UNCH		
2320	----	----	5.20B/----	5.20B/----	----	5.10 + 1.10	.0574	----	----	----	----	11	UNCH		
2325	----	----	5.10B/----	5.10B/----	----	5.00 + 1.20	.0562	----	----	----	----	25	UNCH		
2330	----	----	4.90B/----	4.90B/----	----	4.90 + 1.20	.0549	----	----	----	----	2	UNCH		
2350	----	----	4.40B/----	4.40B/----	----	4.40 + 1.10	.0493	----	----	5	----	46 +	2		
2360	----	----	4.10B/----	4.10B/----	----	4.20 + 1.00	.0470	----	----	2	----	2 +	1		
2370	----	----	3.90B/----	3.90B/----	----	4.00 + 1.00	.0447	----	----	----	----	177	UNCH		
2375	----	----	3.80B/----	3.80B/----	----	3.90 + 1.00	.0435	----	----	----	----	44	UNCH		
2400	2.50	2.50	3.40B/2.50	3.40B/2.50	----	3.40 + 0.80	.0380	----	----	50	----	200 +	50		
2425	----	----	2.90B/----	2.90B/----	----	3.00 + 0.80	.0335	----	----	16	----	60 +	16		
2450	----	----	2.60B/----	2.60B/----	----	2.70 + 0.70	.0299	----	----	----	----	21	UNCH		
2500	1.80	1.80	2.20/1.80	2.20/1.80	----	2.20 + 0.60	.0241	----	----	11	----	129 +	11		
2525	----	----	1.80B/----	1.80B/----	----	2.00 + 0.60	.0218	----	----	----	----	3	UNCH		
2550	1.50	1.50	1.70B/1.40	1.70B/1.40	----	1.80 + 0.60	.0195	----	----	16	----	36 +	1		
2600	1.20	1.20	#1.40B/1.20	#1.40B/1.20	----	1.50 + 0.50	.0160	----	----	7	----	34 +	7		
2750	0.90	0.90	0.90/0.90	0.90/0.90	----	0.90 + 0.30	.0093	----	----	2	----	209 +	2		
TOTAL										655	500	13841+	770		
JUN23															
1400	----	----	#557.30B/531.90	#557.30B/531.90A	----	555.40 + 23.10	.9996	----	----	----	----	172	UNCH		
1450	----	----	#507.50B/481.80	#507.50B/481.80A	----	505.40 + 23.10	.9947	----	----	----	----	3	UNCH		
1475	----	----	#482.40B/456.40	#482.40B/456.40A	----	480.40 + 23.10	.9918	----	----	----	----	3	UNCH		
1485	----	----	#472.50B/446.70	#472.50B/446.70A	----	470.40 + 23.10	.9905	----	----	----	----	200	UNCH		
1500	----	----	#457.60B/430.40	#457.60B/430.40A	----	455.40 + 23.10	.9890	----	----	----	----	438	UNCH		
1525	----	----	#433.70B/405.60	#433.70B/405.60A	----	430.40 + 23.10	.9851	----	----	----	----	22	UNCH		
1550	----	----	#408.80B/380.90	#408.80B/380.90A	----	405.40 + 23.00	.9802	----	----	----	----	27	UNCH		
1570	----	----	#388.00B/362.40	#388.00B/362.40A	----	385.60 + 22.90	.9765	----	----	----	----	1	UNCH		
1575	----	----	#384.10B/356.30	#384.10B/356.30A	----	380.60 + 22.90	.9753	----	----	----	----	12	UNCH		
1585	----	----	#373.30B/347.60	#373.30B/347.60A	----	370.80 + 22.90	.9729	----	----	----	----	2	UNCH		
1590	----	----	#368.40B/342.50	#368.40B/342.50A	----	365.90 + 22.80	.9717	----	----	----	----	2	UNCH		
1600	----	----	#359.60B/332.00	#359.60B/332.00A	----	356.00 + 22.70	.9684	----	----	----	----	3	UNCH		
1605	----	----	#353.80B/328.10	#353.80B/328.10A	----	351.10 + 22.60	.9672	----	----	----	----	6	UNCH		
1615	----	----	#344.10B/318.40	#344.10B/318.40A	----	341.40 + 22.60	.9639	----	----	----	----	2	UNCH		
1630	----	----	#329.60B/304.00	#329.60B/304.00A	----	326.80 + 22.40	.9584	----	----	----	----	1	UNCH		
1640	----	----	#320.00B/294.40	#320.00B/294.40A	----	317.20 + 22.40	.9542	----	----	----	----	1	UNCH		
1650	----	----	#311.10B/284.00	#311.10B/284.00A	----	307.60 + 22.30	.9499	----	----	----	----	2	UNCH		
1660	----	----	#300.80B/275.30	#300.80B/275.30A	----	298.00 + 22.10	.9449	----	----	----	----	50	UNCH		
1665	----	----	#296.00B/270.70	#296.00B/270.70A	----	293.30 + 22.10	.9427	----	----	----	----	30	UNCH		
1670	----	----	#291.30B/266.00	#291.30B/266.00A	----	288.50 + 22.00	.9397	----	----	----	----	91	UNCH		
1675	----	----	#287.20B/260.40	#287.20B/260.40A	----	283.80 + 22.00	.9375	----	----	----	----	312	UNCH		
1680	----	----	#281.90B/256.70	#281.90B/256.70A	----	279.10 + 21.90	.9345	----	----	----	----	3	UNCH		
1685	----	----	#277.20B/251.90	#277.20B/251.90A	----	274.40 + 21.80	.9315	----	----	----	----	11	UNCH		
1690	----	----	#272.50B/247.40	#272.50B/247.40A	----	269.70 + 21.70	.9285	----	----	----	----	9	UNCH		
1695	----	----	#267.80B/242.80	#267.80B/242.80A	----	265.00 + 21.60	.9247	----	----	----	----	5	UNCH		
1700	264.40	264.40	#264.40/237.30A	#264.40/237.30A	----	260.40 + 21.60	.9217	----	----	1	----	749	UNCH		
1705	----	----	258.50B/232.80A	258.50B/232.80A	----	255.80 + 21.50	.9179	----	----	----	----	3	UNCH		
1710	----	----	#253.90B/228.30	#253.90B/228.30A	----	251.20 + 21.50	.9141	----	----	----	----	4	UNCH		
1715	----	----	#249.30B/223.80	#249.30B/223.80A	----	246.60 + 21.40	.9103	----	----	----	----	6	UNCH		
1720	----	----	#244.70B/219.40	#244.70B/219.40A	----	242.00 + 21.20	.9065	----	----	----	----	10	UNCH		
1725	----	----	#240.80B/214.90	#240.80B/214.90A	----	237.50 + 21.20	.9026	----	----	----	----	94	UNCH		
1730	----	----	#236.20B/210.50	#236.20B/210.50A	----	233.00 + 21.10	.8981	----	----	----	----	8	UNCH		
1735	----	----	#231.70B/206.10	#231.70B/206.10A	----	228.50 + 21.00	.8935	----	----	----	----	201	UNCH		
1740	----	----	#227.20B/201.70	#227.20B/201.70A	----	224.10 + 21.00	.8890	----	----	----	----	1	UNCH		
1745	----	----	#222.80B/197.40	#222.80B/197.40A	----	219.60 + 20.80	.8844	----	----	----	----	22	UNCH		
1750	216.90	216.90	218.30B/193.00A	218.30B/193.00A	----	215.20 + 20.70	.8792	----	----	1	----	1058	UNCH		
1755	----	----	#213.90B/188.80	#213.90B/188.80A	----	210.80 + 20.60	.8739	----	----	----	----	1	UNCH		
1760	----	----	#209.50B/184.60	#209.50B/184.60A	----	206.50 + 20.50	.8687	----	----	----	----	30	UNCH		
1765	----	----	#205.20B/180.40	#205.20B/180.40A	----	202.20 + 20.40	.8633	----	----	----	----	23	UNCH		
1770	----	----	#200.90B/176.20	#200.90B/176.20A	----	197.90 + 20.30	.8575	----	----	----	----	2	UNCH		
1775	----	----	#196.60B/172.10	#196.60B/172.10A	----	193.60 + 20.10	.8516	----	----	----	----	219	UNCH		
1780	----	----	#192.40B/168.00	#192.40B/168.00A	----	189.40 + 20.00	.8451	----	----	----	----	1	UNCH		
1790	----	----	#184.00B/160.00	#184.00B/160.00A	----	181.10 + 19.70	.8322	----	----	----	----	11	UNCH		
1800	163.00	163.00	175.70B/152.20A	175.70B/152.20A	----	173.00 + 19.40	.8186	----	----	6	----	1650 -	1		
1805	----	----	#171.70B/148.40	#171.70B/148.40A	----	169.00 + 19.30	.8111	----	----	----	----	13	UNCH		
1810	----	----	#167.70B/144.60	#167.70B/144.60A	----	165.00 + 19.10	.8035	----	----	----	----	46	UNCH		
1815	----	----	#163.80B/140.80	#163.80B/140.80A	----	161.10 + 18.90	.7960	----	----	----	----	40	UNCH		
1820	----	----	#159.90B/137.20	#159.90B/137.20A	----	157.20 + 18.70	.7880	----	----	----	----	59	UNCH		
1825	149.00	149.00	156.00B/133.50A	156.00B/133.50A	----	153.30 + 18.50	.7800	----	----	3	----	240 -	1		
1830	----	----	152.20B/130.00A	152.20B/130.00A	----	149.60 + 18.40	.7719	----	----	----	----	50	UNCH		
1840	124.30	124.30	144.70B/123.00A	144.70B/123.00A	----	142.20 + 17.90	.7547	----	----	1	----	32	UNCH		
1845	----	----	141.00B/119.60A	141.00B/119.60A	----	138.50 + 17.60	.7455	----	----	----	----	10	UNCH		

BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
OG CALL	COMEX GOLD OPTIONS															
JUN23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
2210	----	----	----	16.60B/----	16.60B/----	----	----	----	16.40 + 3.10	.1485	----	----	----	----	2	
2215	----	----	----	16.10B/----	16.10B/----	----	----	----	16.00 + 3.10	.1450	----	----	----	----	13	
2220	----	----	----	15.70B/----	15.70B/----	----	----	----	15.60 + 3.00	.1416	----	----	----	----	3	
2225	----	----	----	15.30B/----	15.30B/----	----	----	----	15.20 + 3.00	.1381	----	----	----	----	1	
2235	----	----	----	14.50B/----	14.50B/----	----	----	----	14.40 + 2.80	.1314	----	----	----	----	15	
2240	----	----	----	14.10B/----	14.10B/----	----	----	----	14.00 + 2.70	.1280	----	----	----	----	11	
2245	----	----	----	13.80B/----	13.80B/----	----	----	----	13.70 + 2.70	.1253	----	----	10	----	1663	
2250	----	----	----	13.40B/----	13.40B/----	----	----	----	13.30 + 2.60	.1220	----	----	1	----	1135	
2255	----	----	----	13.10B/----	13.10B/----	----	----	----	13.00 + 2.60	.1192	----	----	----	----	1	
2260	----	----	----	12.70B/----	12.70B/----	----	----	----	12.60 + 2.40	.1160	----	----	----	----	1	
2265	----	----	----	12.40B/----	12.40B/----	----	----	----	12.30 + 2.40	.1133	----	----	----	----	1	
2270	----	----	----	12.10B/----	12.10B/----	----	----	----	12.00 + 2.30	.1106	----	----	----	----	37	
2275	----	----	----	11.80B/----	11.80B/----	----	----	----	11.70 + 2.30	.1080	----	----	----	----	21	
2285	----	----	----	11.20B/----	11.20B/----	----	----	----	11.10 + 2.20	.1028	----	----	----	----	5	
2295	----	----	----	10.70B/----	10.70B/----	----	----	----	10.60 + 2.10	.0982	----	----	----	----	4	
2300	----	----	----	10.40B/----	10.40B/----	----	----	----	10.40 + 2.10	.0963	----	----	30	500	1647	
2310	----	----	----	10.00B/----	10.00B/----	----	----	----	9.90 + 2.00	.0918	----	----	----	----	15	
2320	----	----	----	9.40B/----	9.40B/----	----	----	----	9.40 + 1.90	.0874	----	----	----	----	1	
2325	----	----	----	9.30B/----	9.30B/----	----	----	----	9.20 + 1.90	.0856	----	----	----	----	3	
2330	----	----	----	9.00B/----	9.00B/----	----	----	----	9.00 + 1.80	.0837	----	----	1	----	0	
2350	----	----	----	8.20B/----	8.20B/----	----	----	----	8.20 + 1.70	.0764	----	----	1	----	50	
2360	----	----	----	7.90B/----	7.90B/----	----	----	----	7.80 + 1.60	.0729	----	----	----	----	1	
2375	----	----	----	7.30B/----	7.30B/----	----	----	----	7.30 + 1.50	.0682	----	----	----	----	26	
2380	----	----	----	7.20B/----	7.20B/----	----	----	----	7.20 + 1.50	.0671	----	----	----	----	1	
2400	6.30	6.30		6.60B/6.30	6.60B/6.30				6.60 + 1.40	.0616	----	2	----	----	909	
2425	----	----	----	5.90B/----	5.90B/----	----	----	----	5.90 + 1.20	.0551	----	----	----	----	2	
2430	----	----	----	5.70B/----	5.70B/----	----	----	----	5.80 + 1.20	.0541	----	1	----	----	1	
2440	----	----	----	5.50B/----	5.50B/----	----	----	----	5.60 + 1.20	.0522	----	----	----	----	5	
2450	----	----	----	5.30B/----	5.30B/----	----	----	----	5.30 + 1.10	.0496	----	----	----	----	28	
2475	----	----	----	4.80B/----	4.80B/----	----	----	----	4.90 + 1.10	.0455	----	----	----	----	1	
2500	----	----	----	4.30B/----	4.30B/----	----	----	----	4.40 + 0.90	.0409	----	----	----	----	1462	
2550	----	----	----	3.60B/----	3.60B/----	----	----	----	3.70 + 0.80	.0342	----	----	----	----	45	
2575	----	----	----	3.30B/----	3.30B/----	----	----	----	3.40 + 0.70	.0313	----	----	----	----	5	
2600	----	----	----	3.00B/----	3.00B/----	----	----	----	3.10 + 0.70	.0285	----	----	----	----	1348	
2625	2.70	2.70		2.80B/2.70	2.80B/2.70				2.90 + 0.70	.0265	----	30	----	----	20	
2700	----	----	----	2.20B/----	2.20B/----	----	----	----	2.30 + 0.50	.0207	----	----	----	----	856	
2850	----	----	----	1.40B/----	1.40B/----	----	----	----	1.50 + 0.30	.0132	----	----	----	----	64	
2900	----	----	----	1.30B/----	1.30B/----	----	----	----	1.40 + 0.40	.0121	----	----	----	----	19	
3000	----	----	----	1.00B/----	1.00B/----	----	----	----	1.10 + 0.30	.0094	----	----	----	----	1794	
TOTAL													2375	1,130	62291	
JUL23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
1300	----	----	----	#673.70B/----	#673.70B/----	----	----	----	672.30 + 23.70	1.0000	----	----	----	----	2	
1430	----	----	----	#544.00B/----	#544.00B/----	----	----	----	542.30 + 23.70	.9933	----	----	----	----	2	
1480	----	----	----	#494.00B/----	#494.00B/----	----	----	----	492.30 + 23.70	.9862	----	----	----	----	1	
1490	----	----	----	#484.10B/----	#484.10B/----	----	----	----	482.30 + 23.70	.9849	----	----	----	----	1	
1500	----	----	----	#475.40B/447.20	#475.40B/447.20A				472.30 + 23.70	.9837	----	----	----	----	16	
1510	----	----	----	#464.20B/----	#464.20B/----	----	----	----	462.30 + 23.70	.9816	----	----	----	----	1	
1530	----	----	----	#444.30B/----	#444.30B/----	----	----	----	442.30 + 23.60	.9782	----	----	----	----	1	
1565	----	----	----	#409.90B/----	#409.90B/----	----	----	----	407.60 + 23.30	.9700	----	----	----	----	1	
1625	----	----	----	#352.70B/325.50	#352.70B/325.50A				349.30 + 23.00	.9506	----	----	----	----	2	
1650	----	----	----	#328.90B/302.00	#328.90B/302.00A				325.40 + 22.70	.9397	----	----	----	----	1	
1670	----	----	----	#309.20B/----	#309.20B/----	----	----	----	306.60 + 22.50	.9291	----	----	----	----	1	
1675	----	----	----	#305.30B/278.70	#305.30B/278.70A				302.00 + 22.50	.9265	----	----	----	----	1	
1680	----	----	----	#299.90B/----	#299.90B/----	----	----	----	297.30 + 22.40	.9232	----	----	----	----	30	
1685	----	----	----	#295.30B/----	#295.30B/----	----	----	----	292.70 + 22.40	.9205	----	----	----	----	1	
1700	----	----	----	#282.20B/256.00	#282.20B/256.00A				278.90 + 22.20	.9105	----	----	----	----	9	
1735	----	----	----	#250.60B/225.10	#250.60B/225.10A				247.40 + 21.40	.8837	----	----	----	----	1	
1750	----	----	----	#237.40B/212.30	#237.40B/212.30A				234.30 + 21.10	.8699	----	----	----	----	314	
1765	----	----	----	#224.50B/199.80	#224.50B/199.80A				221.50 + 20.80	.8549	----	----	----	----	21	
1770	----	----	----	#220.20B/195.70	#220.20B/195.70A				217.20 + 20.60	.8497	----	----	----	----	1	
1775	----	----	----	#216.00B/191.60	#216.00B/191.60A				213.00 + 20.50	.8440	----	----	----	----	30	
1780	----	----	----	#211.80B/187.60	#211.80B/187.60A				208.90 + 20.40	.8384	----	----	----	----	1	
1785	----	----	----	#207.70B/183.60	#207.70B/183.60A				204.70 + 20.20	.8327	----	----	----	----	19	
1790	----	----	----	#203.60B/179.70	#203.60B/179.70A				200.70 + 20.20	.8265	----	----	----	----	2	
1800	----	----	----	#195.40B/171.90	#195.40B/171.90A				192.60 + 19.80	.8142	----	38	----	----	170	
1805	181.70	181.70		#191.40B/168.10	#191.40B/168.10A				188.60	NEW	----	1	----	----	1	
1810	----	----	----	#187.40B/164.30	#187.40B/164.30A				184.70 + 19.60	.8009	----	----	----	----	1	
1815	----	----	----	#183.50B/160.60	#183.50B/160.60A				180.80 + 19.40	.7943	----	----	----	----	6	
1820	169.80	169.80		#179.60B/156.90	#179.60B/156.90A				176.90	NEW	----	1	----	----	1	
1840	----	----	----	#164.50B/142.70	#164.50B/142.70A				162.00 + 18.50	.7577	----	----	----	----	14	
1850	----	----	----	#157.20B/135.90	#157.20B/135.90A				154.80 + 18.20	.7420	----	----	----	----	482	
1860	----	----	----	#150.10B												

BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 2023			PG64	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
OG CALL																	
AUG23																	
1665	----	----	----	#315.50B/----	#315.50B/----	----	313.20	+ 22.40	.9171	----	----	----	----	----	1		
1670	----	----	----	#310.90B/285.60	#310.90B/285.60A	----	308.60	+ 22.30	.9140	----	----	----	----	----	1		
1700	----	----	----	#284.60B/258.80	#284.60B/258.80A	----	281.40	+ 21.90	.8944	----	----	----	----	----	238		
1720	----	----	----	#266.90B/241.50	#266.90B/241.50A	----	263.70	+ 21.60	.8787	----	----	----	----	----	4		
1735	----	----	----	#253.80B/228.80	#253.80B/228.80A	----	250.70	+ 21.30	.8656	----	----	----	----	----	1		
1750	----	----	----	#240.90B/216.30	#240.90B/216.30A	----	238.00	+ 21.10	.8514	----	----	----	----	----	420		
1775	----	----	----	#220.00B/196.20	#220.00B/196.20A	----	217.30	+ 20.40	.8254	----	----	----	----	----	815		
1800	----	----	----	#200.10B/177.10	#200.10B/177.10A	----	197.50	+ 19.70	.7957	----	----	----	----	----	40		
1815	----	----	----	#188.50B/166.20	#188.50B/166.20A	----	186.00	+ 19.20	.7762	----	----	----	----	----	7		
1825	----	----	----	#181.00B/159.20	#181.00B/159.20A	----	178.60	+ 18.90	.7626	----	----	----	----	----	65		
1830	----	----	----	#177.40B/155.70	#177.40B/155.70A	----	175.00	+ 18.80	.7556	----	----	----	----	1000	UNCH		
1835	----	----	----	#173.70B/152.30	#173.70B/152.30A	----	171.40	+ 18.60	.7485	----	----	----	----	----	5		
1850	----	----	----	#163.10B/142.40	#163.10B/142.40A	----	160.90	+ 18.00	.7263	----	----	----	1	----	124		
1855	----	----	----	#159.60B/139.20	#159.60B/139.20A	----	157.40	+ 17.70	.7187	----	----	----	----	----	7		
1875	----	----	----	#146.30B/126.90	#146.30B/126.90A	----	144.30	+ 17.00	.6872	----	----	----	----	----	5		
1885	----	----	----	#140.00B/121.00	#140.00B/121.00A	----	138.00	+ 16.50	.6708	----	----	----	----	----	9		
1900	----	----	----	#130.80B/112.70	#130.80B/112.70A	----	129.10	+ 16.00	.6458	----	----	----	1	----	1405		
1915	----	----	----	#122.10B/104.80	#122.10B/104.80A	----	120.50	+ 15.30	.6201	----	----	----	----	----	1		
1925	----	----	----	#116.70B/99.90A	#116.70B/99.90A	----	115.10	+ 14.90	.6029	----	----	----	----	----	126		
1950	----	----	----	#103.80B/88.40A	#103.80B/88.40A	----	102.50	+ 13.80	.5595	----	----	----	----	----	530		
1955	----	----	----	#101.30B/86.30A	#101.30B/86.30A	----	100.10	+ 13.50	.5508	----	----	----	----	----	2		
1960	----	----	----	#99.00B/84.20A	#99.00B/84.20A	----	97.80	+ 13.30	.5422	----	----	----	----	----	250		
1975	----	----	----	#92.20B/78.20A	#92.20B/78.20A	----	91.10	+ 12.60	.5163	----	----	----	----	----	57		
2000	----	----	----	#81.90B/69.30A	#81.90B/69.30A	----	80.90	+ 11.50	.4744	----	----	----	----	----	1448		
2025	----	----	----	#72.70B/----	#72.70B/----	----	71.90	+ 10.50	.4344	----	----	----	----	----	680		
2040	----	----	----	#67.70B/----	#67.70B/----	----	66.90	+ 9.80	.4113	----	----	----	----	----	1		
2050	----	----	----	#64.60B/----	#64.60B/----	----	63.90	+ 9.40	.3966	----	----	----	----	----	72		
2060	----	----	----	#61.60B/----	#61.60B/----	----	61.00	+ 9.10	.3823	----	----	----	----	----	50		
2100	----	----	----	#51.20B/----	#51.20B/----	----	50.70	+ 7.70	.3289	----	----	----	800	----	878		
2120	----	----	----	#46.80B/----	#46.80B/----	----	46.30	+ 7.10	.3048	----	----	----	----	----	5		
2125	----	----	----	#45.70B/----	#45.70B/----	----	45.30	+ 6.90	.2992	----	----	----	----	----	15		
2145	----	----	----	#41.80B/----	#41.80B/----	----	41.40	+ 6.30	.2771	----	----	----	----	----	2		
2150	----	----	----	#40.90B/----	#40.90B/----	----	40.50	+ 6.20	.2719	----	----	----	----	----	725		
2155	----	----	----	#40.00B/----	#40.00B/----	----	39.70	+ 6.10	.2670	----	----	----	----	----	2		
2170	----	----	----	#37.50B/----	#37.50B/----	----	37.20	+ 5.80	.2522	----	----	----	----	----	4		
2175	----	----	----	#36.70B/----	#36.70B/----	----	36.40	+ 5.70	.2474	----	----	----	----	----	36		
2185	----	----	----	#35.10B/----	#35.10B/----	----	34.90	+ 5.40	.2383	----	----	----	----	----	2		
2200	----	----	----	#33.00B/----	#33.00B/----	----	32.70	+ 5.10	.2250	----	----	----	----	----	2078		
2205	----	----	----	#32.30B/----	#32.30B/----	----	32.00	+ 4.90	.2207	----	----	----	----	----	4		
2275	----	----	----	#24.30B/----	#24.30B/----	----	24.20	+ 3.80	.1706	----	----	----	----	----	4		
2300	----	----	----	#22.10B/----	#22.10B/----	----	22.00	+ 3.50	.1560	----	----	----	----	----	115		
2310	----	----	----	#21.20B/----	#21.20B/----	----	21.20	+ 3.40	.1506	----	----	----	----	----	2		
2325	----	----	----	#20.00B/----	#20.00B/----	----	20.00	+ 3.10	.1426	----	----	----	----	----	2		
2360	----	----	----	#17.60B/----	#17.60B/----	----	17.60	+ 2.80	.1262	----	----	----	----	----	3		
2400	----	----	----	#15.30B/----	#15.30B/----	----	15.30	+ 2.40	.1102	----	----	----	----	----	97		
2475	----	----	----	#11.80B/----	#11.80B/----	----	12.00	+ 2.00	.0867	----	----	----	----	----	25		
2500	----	----	----	#10.90B/----	#10.90B/----	----	11.10	+ 1.90	.0802	----	----	----	----	----	79		
2525	----	----	----	#10.10B/----	#10.10B/----	----	10.30	+ 1.70	.0744	----	----	----	----	----	3		
2575	----	----	----	#8.70B/----	#8.70B/----	----	8.90	+ 1.50	.0642	----	----	----	----	----	835		
2600	----	----	----	#8.10B/----	#8.10B/----	----	8.30	+ 1.40	.0598	----	----	----	----	----	63		
3000	----	----	----	#3.10B/----	#3.10B/----	----	3.20	+ 0.50	.0224	----	----	----	----	----	953		
4000	----	----	----	----	----	----	0.80	+ 0.10	.0050	----	----	----	----	----	47		
TOTAL													15	800	13445 + 735		
SEP23																	
1250	----	----	----	#739.30B/----	#739.30B/----	----	738.70	+ 23.80	1.0000	----	----	----	----	----	1		
1450	----	----	----	#540.00B/513.60	#540.00B/513.60A	----	538.70	+ 23.80	.9821	----	----	----	3	----	3		
1500	----	----	----	#492.30B/464.30	#492.30B/464.30A	----	488.70	+ 23.70	.9722	----	----	----	----	----	2		
1550	439.20		439.20	#443.30B/415.80	#443.30B/415.80A	----	439.50	NEW	.9590	----	----	----	3	----	3		
1585	----	----	----	#407.80B/----	#407.80B/----	----	405.70	+ 23.20	.9473	----	----	----	----	----	1		
1600	392.80		392.80	#395.40/368.10A	#395.40/368.10A	----	391.40	NEW	.9419	----	----	----	11	----	11		
1615	----	----	----	#379.40B/----	#379.40B/----	----	377.20	+ 23.00	.9354	----	----	----	----	----	1		
1700	----	----	----	#302.90B/277.20	#302.90B/277.20A	----	299.30	+ 21.90	.8877	----	----	----	----	----	3		
1740	----	----	----	#268.10B/243.20	#268.10B/243.20A	----	264.70	+ 21.20	.8563	----	----	----	----	----	1		
1750	----	----	----	#259.60B/235.00	#259.60B/235.00A	----	256.30	+ 21.00	.8473	----	----	----	----	----	1		
1760	----	----	----	#251.30B/226.90	#251.30B/226.90A	----	248.00	+ 20.70	.8379	----	----	----	----	----	1		
1770	----	----	----	#243.00B/218.90	#243.00B/218.90A	----	239.80	+ 20.50	.8281	----	----	----	----	----	1		
1785	----	----	----	#230.90B/207.30	#230.90B/207.30A	----	227.80	+ 20.10	.8127	----	----	----	----	----	16		
1790	----	----	----	#226.90B/203.50	#226.90B/203.50A	----	223.80	+ 19.90	.8072	----	----	----	----	----	3		
1795	----	----	----	#223.00B/199.70	#223.00B/199.70A	----	219.90	+ 19.80	.8015	----	----	----	----	----	7		
1800																	



PG64	BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
OG CALL	COMEX GOLD OPTIONS															
NOV23																
1710	----	----	----	#314.40B/----	#314.40B/----	----			311.10 + 21.70	.8653	----	----	----	----	3	
1900	----	----	----	#172.70B/----	#172.70B/----	----			170.90 + 16.60	.6678	----	----	----	----	301	
1980	126.20	126.20		#130.20B/126.20	#130.20B/126.20	----			128.90 NEW	.5600	----	----	6	----	6 + 6	
2000	----	----	----	#121.20B/----	#121.20B/----	----			120.10 + 12.90	.5330	----	----	----	----	2	
2250	----	----	----	#52.40B/----	#52.40B/----	----			52.20 + 6.00	.2712	----	----	----	----	300	
2300	----	----	----	#45.00B/----	#45.00B/----	----			45.00 + 5.20	.2371	----	----	----	----	214	
TOTAL													6		826 + 6	
DEC23																
1600	----	----	----	#414.80B/----	#414.80B/----	----			411.20 + 22.80	.9176	----	----	----	----	95	
1625	----	----	----	#391.80B/----	#391.80B/----	----			388.30 + 22.50	.9061	----	----	----	----	50	
1650	----	----	----	#369.30B/----	#369.30B/----	----			365.80 + 22.20	.8925	----	----	----	----	100	
1700	----	----	----	#325.50B/----	#325.50B/----	----			322.40 + 21.50	.8611	----	----	----	----	265	
1725	----	----	----	#304.40B/----	#304.40B/----	----			301.40 + 21.00	.8425	----	----	----	----	2	
1750	----	----	----	#284.00B/----	#284.00B/----	----			281.20 + 20.50	.8222	----	----	----	----	550	
1775	----	----	----	#264.20B/----	#264.20B/----	----			261.60 + 19.90	.7998	----	----	----	----	126	
1800	----	----	----	#245.30B/----	#245.30B/----	----			242.80 + 19.20	.7756	----	----	28	----	6853	
1835	----	----	----	#220.20B/----	#220.20B/----	----			218.00 + 18.20	.7384	----	----	----	----	1	
1840	----	----	----	#216.80B/----	#216.80B/----	----			214.60 + 18.10	.7328	----	----	----	----	1	
1850	----	----	----	#210.00B/----	#210.00B/----	----			207.90 + 17.70	.7215	----	----	----	----	1075	
1860	----	----	----	#203.40B/----	#203.40B/----	----			201.30 + 17.30	.7098	----	----	----	----	75	
1870	----	----	----	#197.00B/----	#197.00B/----	----			195.00 + 17.10	.6979	----	----	----	----	100	
1875	----	----	----	193.80B/----	193.80B/----	----			191.80 + 16.80	.6920	----	----	----	----	670	
1880	----	----	----	#190.70B/----	#190.70B/----	----			188.80 + 16.70	.6859	----	----	----	----	130	
1890	----	----	----	#184.60B/----	#184.60B/----	----			182.70 + 16.30	.6737	----	----	----	----	1	
1900	----	----	----	#178.60B/160.80	#178.60B/160.80A	----			176.90 + 16.00	.6613	----	----	----	400	1307 + 150	
1905	----	----	----	#175.70B/158.10	#175.70B/158.10A	----			174.00 + 15.80	.6551	----	----	----	----	10	
1925	----	----	----	#164.40B/----	#164.40B/----	----			163.00 + 15.10	.6298	----	----	----	----	101	
1940	----	----	----	#156.40B/140.30	#156.40B/140.30A	----			155.10 + 14.50	.6106	----	----	----	----	1	
1950	----	----	----	#151.30B/135.60	#151.30B/135.60A	----			150.10 + 14.20	.5978	----	----	----	----	10039	
1975	----	----	----	#139.10B/----	#139.10B/----	----			138.10 + 13.30	.5658	----	----	15	----	160	
2000	123.40	123.40		127.90B/123.00	127.90B/123.00	----			127.10 + 12.40	.5341	----	----	3	----	2257	
2050	----	----	----	#108.40B/96.80A	#108.40B/96.80A	----			107.70 + 10.70	.4731	----	----	----	----	287	
2075	----	----	----	#99.90B/----	#99.90B/----	----			99.30 + 10.00	.4445	----	----	----	----	80	
2100	----	----	----	92.10B/----	92.10B/----	----			91.70 + 9.30	.4173	----	----	47	----	9711	
2110	----	----	----	#89.20B/----	#89.20B/----	----			88.90 NEW	.4069	----	----	100	----	100 + 100	
2125	----	----	----	#85.10B/----	#85.10B/----	----			84.80 + 8.70	.3917	----	----	----	----	1	
2150	----	----	----	#78.70B/----	#78.70B/----	----			78.50 + 8.00	.3674	----	----	50	----	1984 + 28	
2200	68.50	68.50		68.50/68.50	68.50/68.50	----			67.30 + 6.60	.3230	----	----	48	800	1438 + 329	
2250	----	----	----	#58.50B/----	#58.50B/----	----			58.50 + 5.80	.2851	----	----	56	----	7049	
2300	49.30	49.30		50.90B/49.30	50.90B/49.30	----			50.80 + 4.80	.2514	----	----	2	----	224 + 2	
2350	----	----	----	#44.50B/----	#44.50B/----	----			44.40 + 4.00	.2224	----	----	----	----	2	
2375	----	----	----	#41.70B/----	#41.70B/----	----			41.70 + 3.80	.2097	----	----	----	----	640	
2400	38.50	38.50		#39.50/38.50	#39.50/38.50	----			39.20 + 3.60	.1978	----	----	101	----	660 + 84	
2500	31.20	31.20		31.20/31.20	31.20/31.20	----			31.10 + 3.10	.1583	----	----	23	5650	15766 + 5020	
2600	----	----	----	#24.60B/----	#24.60B/----	----			25.00 + 2.40	.1280	----	----	----	----	2	
2700	----	----	----	#20.00B/----	#20.00B/----	----			20.40 + 1.90	.1047	----	----	----	1600	1601 + 1600	
2800	----	----	----	#16.50B/----	#16.50B/----	----			16.90 + 1.60	.0868	----	----	----	----	682	
3000	11.50	11.50		11.70B/11.50	11.70B/11.50	----			12.20 + 1.30	.0621	----	----	21	500	8552 + 502	
3200	8.40	8.40		#8.90/8.40	#8.90/8.40	----			9.40 + 1.10	.0470	----	----	19	----	33 + 13	
TOTAL													513	8,950	72781 + 7828	
JAN24																
2000	115.00	115.00		#118.00B/*115.0	#118.00B/*115.00	----			140.50 NEW	.5550	----	----	1	----	1 + 1	
2300	----	----	----	----	----	----			59.50 + 5.90	.2751	----	----	----	----	12	
TOTAL													1		13 + 1	
FEB24																
2200	----	----	----	#83.10B/----	#83.10B/----	----			83.80 + 8.00	.3568	----	----	10	----	11 + 10	
2250	----	----	----	----	----	----			73.60 + 7.10	.3190	----	----	----	----	1	
2300	----	----	----	----	----	----			64.90 NEW	.2855	----	----	10	----	10 + 10	
2800	----	----	----	----	----	----			23.90 NEW	----	----	----	5	----	5 + 5	
3000	----	----	----	----	----	----			18.20 NEW	.0825	----	----	5	----	5 + 5	
TOTAL													30		32 + 30	
JUN24																
1850	----	----	----	----	----	----			266.80 + 17.30	.7261	----	----	----	----	400	
1880	----	----	----	----	----	----			247.80 + 16.70	.6991	----	----	----	----	75	
1970	----	----	----	----	----	----			198.00 + 14.40	.6127	----	----	----	----	100	
2000	----	----	----	----	----	----			183.90 + 13.70	.5832	----	----	----	----	130	
2200	----	----	----	----	----	----			116.10 + 9.60	.4076	----	----	----	----	500	
TOTAL															1205	
	GLOBEX OPEN	OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY HIGH/LOW	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
GWV WED	GOLD WEEKLY WEDNESDAY OPTION WEEK3															
JAN23																
1625	----	----	----	----	----	----			0.10 UNCH	----	----	----	----	----	2	
1690	----	----	----	----	----	----			0.10 UNCH	.0000	----	----	----	----	2	
1700	----	----	----	----	----	----			0.10 UNCH	----	----	----	----	----	23	
1710	----	----	----	----	----	----			0.10 UNCH	----	----	----	----	----</		

GLOBEX OPEN		OPEN OPEN	OUTCRY RANGE	GLOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY RANGE	OPEN CLOSE	OUTCRY CLOSE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
GOLD WEEKLY WEDNESDAY OPTION WEEK3															
1865	0.40	0.40		0.40/*0.30	0.40/*0.30	----	0.40	- 2.10	.0216	----	----	----	18	----	7 +
1865	----	----		----/*2.50A	----/*2.50A	----	2.70	- 3.90	.1048	----	----	----	----	----	3 UNCH
1865	----	----		#60.00B/34.10A	#60.00B/34.10A	----	57.10	+ 20.90	.9782	----	----	----	----	----	3 UNCH
1870	1.40	1.40		1.40/*0.40	1.40/*0.40	----	0.60	- 2.60	.0327	----	----	24	----	----	49 +
1870	33.50	33.50		#55.20B/29.70A	#55.20B/29.70A	----	52.30	+ 20.40	.9672	----	----	2	----	----	7 UNCH
1870	3.90	3.90		4.10/*3.00A	4.10/*3.00A	----	3.20	- 4.60	.1230	----	----	17	----	----	15 +
1870	----	----		#57.80B/34.60A	#57.80B/34.60A	----	54.90	+ 18.40	.8766	----	----	----	----	----	1 UNCH
1875	2.80	2.80		3.50/*0.60	3.50/*0.60	----	0.80	- 3.30	.0446	----	----	46	----	----	94 +
1875	40.70	40.70		#50.70B/25.60A	#50.70B/25.60A	----	47.50	+ 19.60	.9552	----	----	4	----	----	91 -
1875	3.60	3.60		3.60/*3.60	3.60/*3.60	----	3.90	- 5.20	.1464	----	----	1	----	----	1 UNCH
1880	4.00	4.00		4.00/*0.90	4.00/*0.90	----	1.10	- 4.10	.0620	----	----	339	----	----	306 +
1880	----	----		----/*4.30A	----/*4.30A	----	4.60	- 6.10	.1703	----	----	----	----	----	1 UNCH
1880	25.10	25.10		#45.90B/21.70A	#45.90B/21.70A	----	42.70	+ 18.70	.9379	----	----	16	----	----	90 +
1880	----	----		#49.00B/27.60A	#49.00B/27.60A	----	46.30	+ 16.80	.8293	----	----	10	----	----	19 +
1885	6.50	6.50		6.50/*1.30	6.50/*1.30	----	1.40	- 5.30	.0809	----	----	49	----	----	61 +
1885	----	----		#41.20B/18.20A	#41.20B/18.20A	----	38.10	+ 17.60	.9189	----	----	----	----	----	64 UNCH
1885	----	----		#44.90B/24.50A	#44.90B/24.50A	----	42.20	+ 15.90	.7990	----	----	----	----	----	8 UNCH
1890	7.30	7.30		8.50B/*1.80	8.50B/*1.80	----	1.90	- 6.50	.1099	----	----	53	----	----	59 +
1890	----	----		14.90B/*6.00A	14.90B/*6.00A	----	6.60	- 7.90	.2315	----	----	----	----	----	4 UNCH
1890	26.10	26.10		#36.60B/15.00A	#36.60B/15.00A	----	33.60	+ 16.40	.8899	----	----	2	----	----	50 +
1890	----	----		#40.80B/21.10A	#40.80B/21.10A	----	38.30	+ 15.00	.7681	----	----	----	----	----	7 UNCH
1895	11.10	11.10		11.10/*2.30	11.10/*2.30	----	2.60	- 7.90	.1483	----	----	50	----	----	44 +
1895	----	----		17.20B/*7.20A	17.20B/*7.20A	----	7.90	NEW	.2675	----	----	1	----	----	1 +
1895	13.80	13.80		#32.20B/11.90A	#32.20B/11.90A	----	29.30	+ 15.00	.8515	----	----	34	----	----	40 +
1895	----	----		#37.00B/18.40A	#37.00B/18.40A	----	34.50	+ 13.90	.7321	----	----	----	----	----	11 UNCH
1900	12.40	12.40		12.40/*3.00	12.40/*3.00	----	3.50	- 9.50	.1956	----	----	79	----	----	45 +
1900	----	----		19.80B/*8.50A	19.80B/*8.50A	----	9.30	NEW	.3054	----	----	1	----	----	1 +
1900	----	----		#27.90B/9.70A	#27.90B/9.70A	----	25.20	+ 13.40	.8042	----	----	16	----	----	32 -
1900	----	----		#33.30B/16.10A	#33.30B/16.10A	----	31.00	+ 12.90	.6943	----	----	----	----	----	6 UNCH
1905	12.30	12.30		12.30/*4.00A	12.30/*4.00A	----	4.60	- 11.20	.2512	----	----	76	----	----	63 +
1905	10.50	10.50		10.50/*10.00A	10.50/*10.00A	----	11.00	- 11.00	.3468	----	----	1	----	----	1 UNCH
1905	12.70	12.70		#23.80B/7.80A	#23.80B/7.80A	----	21.30	+ 11.70	.7486	----	----	13	----	----	16 +
1910	10.40	10.40		10.40/*5.20	10.40/*5.20	----	6.10	- 12.80	.3182	----	----	16	----	----	9 +
1910	7.00	7.00		#20.00B/6.10A	#20.00B/6.10A	----	17.80	+ 10.10	.6816	----	----	60	----	----	32 +
1910	----	----		#26.50B/12.20A	#26.50B/12.20A	----	24.60	+ 10.90	.6097	----	----	----	----	----	4 UNCH
1915	10.30	10.30		22.50B/*6.90A	22.50B/*6.90A	----	7.90	NEW	.3917	----	----	8	----	----	7 +
1915	6.40	6.40		#16.60B/4.80A	#16.60B/4.80A	----	14.60	+ 8.40	.6080	----	----	13	----	----	12 -
1915	17.50	17.50		#23.50B/10.50A	#23.50B/10.50A	----	21.70	NEW	.5652	----	----	1	----	----	1 +
1920	22.70	22.70		26.50B/*8.80A	26.50B/*8.80A	----	10.10	NEW	.4702	----	----	8	----	----	4 +
1920	20.80	20.80		31.90B/*15.90	31.90B/*15.90	----	17.30	NEW	.4798	----	----	26	----	----	10 +
1920	8.30	8.30		#13.50B/3.70A	#13.50B/3.70A	----	11.80	+ 6.90	.5296	----	----	53	----	----	63 +
1920	----	----		#20.70B/9.10A	#20.70B/9.10A	----	19.00	+ 8.70	.5199	----	----	----	----	----	11 UNCH
1925	17.50	17.50		30.70B/*11.10A	30.70B/*11.10A	----	12.80	NEW	.5491	----	----	34	----	----	26 +
1925	3.30	3.30		#10.90B/2.90A	#10.90B/2.90A	----	9.50	+ 5.60	.4507	----	----	59	----	----	276 +
1925	----	----		#18.20B/7.80A	#18.20B/7.80A	----	16.60	+ 7.80	.4743	----	----	----	----	----	4 UNCH
1930	16.20	16.20		35.00B/*13.80	35.00B/*13.80	----	15.80	NEW	.6248	----	----	6	----	----	2 +
1930	3.90	3.90		#8.60B/2.20A	#8.60B/2.20A	----	7.50	+ 4.50	.3750	----	----	82	----	----	59 +
1935	4.40	4.40		#6.80/1.80A	#6.80/1.80A	----	5.90	+ 3.50	.3062	----	----	82	----	----	107 +
1935	12.00	12.00		#13.80B/5.80A	#13.80B/5.80A	----	12.50	+ 6.00	.3862	----	----	57	----	----	25 +
1940	24.10	24.10		44.20B/*20.40A	44.20B/*20.40A	----	22.90	NEW	.7542	----	----	1	----	----	1 +
1940	2.80	2.80		#5.30B/1.40A	#5.30B/1.40A	----	4.60	+ 2.70	.2456	----	----	55	----	----	84 +
1940	----	----		#12.00B/4.90A	#12.00B/4.90A	----	10.80	+ 5.30	.3450	----	----	----	----	----	2 UNCH
1945	25.80	25.80		48.90B/*24.20A	48.90B/*24.20A	----	26.80	NEW	.8048	----	----	1	----	----	1 +
1945	2.50	2.50		#4.10/1.10A	#4.10/1.10A	----	3.60	+ 2.10	.1950	----	----	34	----	----	30 +
1945	8.60	8.60		#10.40B/4.20A	#10.40B/4.20A	----	9.30	+ 4.60	.3062	----	----	6	----	----	7 +
1950	1.20	1.20		3.10B/0.90A	3.10B/0.90A	----	2.70	+ 1.60	.1497	----	----	597	----	----	538 +
1950	----	----		#8.90B/3.60A	#8.90B/3.60A	----	8.00	+ 4.00	.2705	----	----	----	----	----	1 UNCH
1955	0.90	0.90		2.40B/0.70A	2.40B/0.70A	----	2.10	+ 1.20	.1162	----	----	39	----	----	29 -
1960	6.50	6.50		#6.60B/2.70A	#6.60B/2.70A	----	5.90	NEW	.2083	----	----	3	----	----	3 +
1960	1.00	1.00		1.80/0.60A	1.80/0.60A	----	1.60	+ 0.90	.0885	----	----	53	----	----	31 +
1965	1.20	1.20		1.30B/1.20	1.30B/1.20	----	1.20	+ 0.70	.0661	----	----	7	----	----	94 +
1965	----	----		#5.70B/2.30A	#5.70B/2.30A	----	5.00	+ 2.50	.1806	----	----	----	----	----	3 UNCH
1970	----	----		#4.90B/2.00A	#4.90B/2.00A	----	4.30	+ 2.20	.1574	----	----	----	----	----	1 UNCH
1970	0.90	0.90		1.10/0.90	1.10/0.90	----	0.90	+ 0.50	.0491	----	----	31	----	----	23 +
1975	0.80	0.80		0.80/0.80	0.80/0.80	----	0.70	+ 0.40	.0373	----	----	1	----	----	22 UNCH
1975	3.10	3.10		#4.20B/1.70A	#4.20B/1.70A	----	3.70	NEW	.1369	----	----	50	----	----	50 +
1980	0.70	0.70		0.70/0.50	0.70/0.50	----	0								

	BULLETIN # 9@			METALS OPTION PRODUCTS										Fri, Jan 13, 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		
GMW WED FEB23	GOLD WEEKLY WEDNESDAY OPTION WEEK1															
1965	----	----	----	#14.20B/6.90A	#14.20B/6.90A	----	----	13.30 + 5.80	.3329	----	----	----	----	24	UNCH	
1970	----	----	----	#12.70B/6.00A	#12.70B/6.00A	----	----	11.80 + 5.20	.3036	----	----	----	----	8	UNCH	
1975	----	----	----	66.50B/*44.70A	66.50B/*44.70A	----	----	47.00 - 18.30	.7221	----	----	----	----	2	UNCH	
2015	----	----	----	#4.50B/----	#4.50B/----	----	----	4.20 NEW	.1234	----	----	2	----	2 +	2	
2015	----	----	----	#8.00B/*4.50A	#8.00B/*4.50A	----	----	7.60 NEW	.1742	----	----	1	----	1 +	1	
2025	----	----	----	#3.50B/----	#3.50B/----	----	----	3.30 NEW	.0990	----	----	1	----	1 +	1	
2055	----	----	----	#3.80B/----	#3.80B/----	----	----	3.70 NEW	.0904	----	----	1	----	1 +	1	
2075	----	----	----	#1.20B/----	#1.20B/----	----	----	1.20 + 0.50	.0364	----	----	----	----	2	UNCH	
TOTAL												70		619+	34	
	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		
GMW MON JAN23	GOLD WEEKLY MONDAY OPTION WEEK4															
1580	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	6	UNCH	
1595	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	2	UNCH	
1600	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	7	UNCH	
1605	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	168	UNCH	
1630	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	2	UNCH	
1635	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	19	UNCH	
1640	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	8	UNCH	
1645	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	1	UNCH	
1650	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	5	UNCH	
1650	0.10	0.10	0.10	0.10/*0.10	0.10/*0.10	----	----	0.10 UNCH	.0000	----	----	50	----	237 +	50	
1655	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	10	UNCH	
1660	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	5	UNCH	
1660	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	11	UNCH	
1665	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	5	UNCH	
1670	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	17	UNCH	
1670	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	2	UNCH	
1675	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	5	UNCH	
1675	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	1	UNCH	
1680	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	1	UNCH	
1680	----	----	----	----	----	----	----	0.10 UNCH	.0001	----	----	----	----	45	UNCH	
1685	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	1	UNCH	
1685	----	----	----	----	----	----	----	0.10 UNCH	.0001	----	----	----	----	12	UNCH	
1690	----	----	----	----	----	----	----	0.10 UNCH	.0002	----	----	----	----	1	UNCH	
1695	----	----	----	----	----	----	----	0.10 UNCH	.0002	----	----	----	----	1	UNCH	
1700	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	1	----	4 -	1	
1700	----	----	----	----	----	----	----	0.10 UNCH	.0003	----	----	----	----	19	UNCH	
1705	----	----	----	----	----	----	----	0.10 UNCH	.0004	----	----	----	----	38	UNCH	
1710	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	4	UNCH	
1710	----	----	----	----	----	----	----	0.10 UNCH	.0006	----	----	----	----	81	UNCH	
1715	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	2	UNCH	
1715	----	----	----	----	----	----	----	0.10 UNCH	.0007	----	----	----	----	9	UNCH	
1720	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	15	UNCH	
1720	----	----	----	----	----	----	----	0.10 UNCH	.0010	----	----	----	----	10	UNCH	
1725	----	----	----	----	----	----	----	0.10 UNCH	----	----	----	----	----	4	UNCH	
1725	----	----	----	----	----	----	----	0.10 UNCH	.0012	----	----	----	----	17	UNCH	
1730	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	218	UNCH	
1730	----	----	----	----	----	----	----	0.10 UNCH	.0016	----	----	----	----	4	UNCH	
1735	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	4	UNCH	
1740	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	43	UNCH	
1740	----	----	----	----	----	----	----	0.10 - 0.10	.0026	----	----	----	----	17	UNCH	
1745	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	35	UNCH	
1745	----	----	----	----	----	----	----	0.10 - 0.10	.0032	----	----	----	----	36	UNCH	
1750	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	4	UNCH	
1750	----	----	----	----	----	----	----	0.20 UNCH	.0060	----	----	----	----	14	UNCH	
1755	----	----	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	29	UNCH	
1755	----	----	----	----	----	----	----	0.20 - 0.10	.0061	----	----	----	----	6	UNCH	
1760	----	----	----	----	----	----	----	0.10 UNCH	.0001	----	----	----	----	11	UNCH	
1760	----	----	----	#164.60B/137.60	#164.60B/137.60A	----	----	161.70 + 22.90	1.0000	----	----	----	----	1	UNCH	
1765	----	----	----	----	----	----	----	0.10 UNCH	.0002	----	----	----	----	14	UNCH	
1765	----	----	----	----/*0.30A	----/*0.30A	----	----	0.20 - 0.20	.0065	----	----	----	----	6	UNCH	
1770	----	----	----	----	----	----	----	0.10 - 0.10	.0003	----	----	----	----	42	UNCH	
1770	----	----	----	#171.30B/144.40	#171.30B/144.40A	----	----	168.60 + 22.90	.9935	----	----	----	----	2	UNCH	
1770	----	----	----	----/*0.30A	----/*0.30A	----	----	0.20 - 0.20	.0066	----	----	----	----	2	UNCH	
1775	----	----	----	----	----	----	----	0.10 - 0.10	.0004	----	----	----	----	5	UNCH	
1775	----	----	----	#166.80B/138.90	#166.80B/138.90A	----	----	163.60 + 22.80	.9933	----	----	----	----	1	UNCH	
1775	----	----	----	----/*0.30A	----/*0.30A	----	----	0.20 - 0.30	.0068	----	----	----	----	22	UNCH	
1780	----	----	----	----	----	----	----	0.10 - 0.10	.0007	----	----	1	----	26	UNCH	
1780	0.30	0.30	0.30	0.30/*0.30	0.30/*0.30	----	----	0.30 - 0.20	.0098	----	----	4	----	12	UNCH	
1785	----	----	----	----/*0.20A	----/*0.20A	----	----	0.10 - 0.20	.0010	----	----	----	----	10	UNCH	
1785	----	----	----	#139.60B/112.60	#139.60B/112.60A	----	----	136.70 + 22.70	.9994	----	----	----	----	1	UNCH	
1785	----	----	----	----/*0.40A	----/*0.40A	----	----	0.30 - 0.30	.0101	----	----	----	----	11	UNCH	
1790	----	----	----	----/*0.20A	----/*0.20A	----	----	0.10 - 0.20	.0015	----	----	----	----	9	UNCH	
1790	----	----	----	#134.60B/107.70	#134.60B/107.70A	----	----	131.70 + 22.70	.9988	----	----	----	----	7	UNCH	
1790	----	----	----	----/*0.40A	----/*0.40A	----	----	0.30 - 0.40	.0104	----	----	----	----	11	UNCH	
1795	----	----	----	----/*0.20A	----/*0.20A	----	----	0.10 - 0.30	.0022	----	----	----	----	9	UNCH	
1795	----	----	----	#146.60B/119.60	#146.60B/119.60A	----	----	143.70 + 22.60	.9893	----	----	----	----	8	UNCH	
1795	----	----	----	----/*0.40A	----/*0.40A	----	----	0.30 - 0.50	.0107	----	----	----	----	11	UNCH	
1800	0.20	0.20	0.20	0.20/*0.20	0.20/*0.20	----	----	0.10 - 0.40	.0031	----	----	3	----	31 -	2	
1800	----	----	----	#142.00B/114.30	#142.00B/114.30A	----	----	138.70 + 22.50	.9860	----	----	----	----	3	UNCH	
1800	----	----	----	#125.10B/97.30A	#125.10B/97.30A	----	----	121.70 + 22.50	.9970	----	----	----	----	35	UNCH	
1800	0.50	0.50	0.50	0.50/*0.40	0.50/*0.40	----	----	0.40 - 0.50	.0139	----	----	2	----	109 -	1	
1805	----	----	----	----/*0.20A	----/*0.20A	----	----	0.10 - 0.50	.0044	----	----	----	----	9	UNCH	
1805	122.50	122.50	#136.70B/109.90	#136.7												





BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64
	LOBEX OPEN	OPEN OUTCRY OPEN RANGE	LOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.		DELTA	EXER CISES	OPEN OUTCRY VOLUME	LOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
GMW MON FEB23	GOLD WEEKLY MONDAY OPTION WEEK2													
1810	3.00	3.00	3.00/*2.40A	3.00/*2.40A	----	2.40	- 1.40	.0591	----	----	1	----	6 +	1
1810	----	----	#132.50B/106.40	#132.50B/106.40A	----	129.60	+ 21.70	.9597	----	----	----	----	4	UNCH
1810	----	----	----/*1.40A	----/*1.40A	----	1.40	- 1.20	.0399	----	----	----	----	76	UNCH
1815	----	----	----/*2.60A	----/*2.60A	----	2.70	- 1.60	.0658	----	----	----	----	5	UNCH
1815	----	----	#127.70B/101.70	#127.70B/101.70A	----	124.80	+ 21.60	.9563	----	----	----	----	2	UNCH
1815	----	----	----/*1.60A	----/*1.60A	----	1.50	- 1.40	.0433	----	1	----	----	8 -	1
1820	----	----	----/*2.90A	----/*2.90A	----	3.00	- 1.70	.0726	----	1	----	----	6 +	1
1820	112.60	112.60	#122.90B/97.10A	#122.90B/97.10A	----	120.00	+ 21.40	.9508	----	2	----	----	8	UNCH
1820	1.90	1.90	1.90/*1.80A	1.90/*1.80A	----	1.70	- 1.60	.0487	----	2	----	----	7 +	1
1825	3.90	3.90	4.00/*3.20A	4.00/*3.20A	----	3.30	- 2.00	.0795	----	25	----	----	29 +	21
1825	----	----	#118.40B/92.20A	#118.40B/92.20A	----	115.20	+ 21.20	.9432	----	----	----	----	14	UNCH
1825	----	----	----/*2.00A	----/*2.00A	----	2.00	- 1.70	.0563	----	----	----	----	3	UNCH
1830	----	----	#113.40B/87.60A	#113.40B/87.60A	----	110.50	+ 21.10	.9375	----	----	----	----	25	UNCH
1830	----	----	----/*2.30A	----/*2.30A	----	2.20	- 1.90	.0621	----	----	----	----	268	UNCH
1835	----	----	#108.60B/83.20A	#108.60B/83.20A	----	105.80	+ 20.80	.9296	----	----	----	----	8	UNCH
1835	----	----	----/*2.50A	----/*2.50A	----	2.50	- 2.10	.0699	----	1	----	----	31 +	1
1840	4.50	4.50	4.50/*4.30A	4.50/*4.30A	----	4.50	NEW	.1058	----	3	----	----	1 +	1
1840	----	----	#103.80B/78.80A	#103.80B/78.80A	----	101.10	+ 20.60	.9216	----	----	----	----	6	UNCH
1840	4.00	4.00	4.00/*2.80A	4.00/*2.80A	----	2.80	- 2.40	.0779	----	2	----	----	10 +	2
1845	89.40	89.40	#99.30B/74.40A	#99.30B/74.40A	----	96.50	+ 20.30	.9116	----	4	----	----	22 -	4
1845	----	----	----/*3.20A	----/*3.20A	----	3.20	- 2.70	.0879	----	----	----	----	4	UNCH
1850	6.30	6.30	6.40/*5.40A	6.40/*5.40A	----	5.50	NEW	.1271	----	29	----	----	28 +	28
1850	----	----	#95.00B/70.20A	#95.00B/70.20A	----	91.90	+ 20.00	.9014	----	----	----	----	2	UNCH
1850	5.40	5.40	5.40/*3.60A	5.40/*3.60A	----	3.60	- 3.00	.0980	----	3	----	----	15 +	2
1855	----	----	----/*6.00A	----/*6.00A	----	6.10	NEW	.1393	----	8	----	----	8 +	8
1855	----	----	#90.50B/66.00A	#90.50B/66.00A	----	87.40	+ 19.60	.8894	----	----	----	----	5	UNCH
1855	----	----	----/*4.10A	----/*4.10A	----	4.10	- 3.30	.1101	----	----	----	----	13	UNCH
1860	6.30	6.30	6.30/*6.30	6.30/*6.30	----	6.80	NEW	.1530	----	4	----	----	4 +	4
1860	----	----	#86.00B/62.00A	#86.00B/62.00A	----	83.00	+ 19.30	.8756	----	----	----	----	8	UNCH
1860	5.20	5.20	5.20/*4.60A	5.20/*4.60A	----	4.70	- 3.60	.1239	----	5	----	----	9 +	2
1865	----	----	----/*7.40A	----/*7.40A	----	7.60	- 4.60	.1680	----	8	----	----	10 +	7
1865	----	----	#81.60B/58.10A	#81.60B/58.10A	----	78.60	+ 18.80	.8616	----	----	----	----	203	UNCH
1865	----	----	----/*5.20A	----/*5.20A	----	5.30	- 4.10	.1378	----	1	----	----	1 -	1
1870	----	----	#77.20B/54.30A	#77.20B/54.30A	----	74.40	+ 18.50	.8459	----	10	----	----	9 -	1
1870	----	----	----/*5.90A	----/*5.90A	----	6.00	- 4.50	.1535	----	1	----	----	11	UNCH
1875	----	----	----/*9.10A	----/*9.10A	----	9.40	NEW	.2008	----	1	----	----	1 +	1
1875	----	----	#73.00B/50.60A	#73.00B/50.60A	----	70.20	+ 18.00	.8286	----	----	----	----	7	UNCH
1875	----	----	----/*6.60A	----/*6.60A	----	6.80	- 5.00	.1707	----	2	----	----	3	UNCH
1880	----	----	16.70B/*10.10A	16.70B/*10.10A	----	10.50	NEW	.2193	----	2	----	----	2 +	2
1880	----	----	#68.80B/47.10A	#68.80B/47.10A	----	66.10	+ 17.40	.8099	----	----	----	----	2	UNCH
1880	----	----	----/*7.40A	----/*7.40A	----	7.70	- 5.50	.1894	----	----	----	----	5	UNCH
1885	13.50	13.50	18.40B/*11.20A	18.40B/*11.20A	----	11.60	NEW	.2381	----	6	----	----	6 +	6
1885	51.30	51.30	#64.70B/43.70A	#64.70B/43.70A	----	62.10	+ 16.90	.7898	----	1	----	----	5	UNCH
1890	----	----	20.40B/*12.40A	20.40B/*12.40A	----	12.90	- 7.10	.2586	----	----	----	----	1	UNCH
1890	----	----	#60.80B/40.40A	#60.80B/40.40A	----	58.20	+ 16.30	.7685	----	----	----	----	7	UNCH
1890	11.50	11.50	16.70B/*9.40A	16.70B/*9.40A	----	9.80	- 6.70	.2309	----	1	----	----	1 -	1
1895	----	----	#60.00B/40.90A	#60.00B/40.90A	----	57.60	+ 15.20	.7192	----	----	----	----	1	UNCH
1895	----	----	22.50B/*13.70A	22.50B/*13.70A	----	14.30	- 7.60	.2799	----	----	----	----	3	UNCH
1895	49.30	49.30	#56.90B/37.30A	#56.90B/37.30A	----	54.50	+ 15.70	.7450	----	1	----	----	5	UNCH
1900	39.40	39.40	#56.40B/38.10A	#56.40B/38.10A	----	54.20	+ 14.70	.6971	----	1	----	----	19 -	1
1900	15.30	15.30	24.70B/*15.20A	24.70B/*15.20A	----	15.80	- 8.20	.3021	----	5	----	----	5 +	3
1900	41.00	41.00	#53.20B/34.30A	#53.20B/34.30A	----	50.90	+ 15.10	.7214	----	1	----	----	19 +	1
1900	----	----	20.80B/*11.80A	20.80B/*11.80A	----	12.40	- 8.00	.2779	----	2	----	----	6	UNCH
1905	----	----	#49.60B/31.10A	#49.60B/31.10A	----	47.40	+ 14.40	.6960	----	----	----	----	2	UNCH
1905	13.60	13.60	23.20B/*13.20A	23.20B/*13.20A	----	13.90	- 8.60	.3033	----	1	----	----	2 +	1
1910	----	----	#46.20B/28.60A	#46.20B/28.60A	----	44.00	+ 13.70	.6692	----	----	----	----	1	UNCH
1910	19.20	19.20	25.70B/*14.80A	25.70B/*14.80A	----	15.60	- 9.20	.3301	----	15	----	----	16 +	15
1915	----	----	#46.50B/30.00A	#46.50B/30.00A	----	44.50	+ 12.90	.6261	----	----	----	----	2	UNCH
1915	20.00	20.00	32.00B/*20.00	32.00B/*20.00	----	21.10	NEW	.3731	----	5	----	----	5 +	5
1915	34.90	34.90	#42.90B/26.00A	#42.90B/26.00A	----	40.80	+ 13.00	.6419	----	6	----	----	7	UNCH
1915	----	----	28.20B/*16.50A	28.20B/*16.50A	----	17.40	NEW	.3574	----	3	----	----	3 +	3
1920	35.80	35.80	#43.40B/27.70A	#43.40B/27.70A	----	41.60	+ 12.40	.6014	----	6	----	----	4 +	2
1920	25.40	25.40	#39.70B/23.80A	#39.70B/23.80A	----	37.80	+ 12.30	.6140	----	3	----	----	11 -	1
1920	19.90	19.90	30.60B/*18.30A	30.60B/*18.30A	----	19.30	NEW	.3853	----	21	----	----	20 +	20
1925	----	----	#40.50B/25.60A	#40.50B/25.60A	----	38.80	NEW	.5762	----	1	----	----	1 +	1
1925	----	----	#36.70B/21.70A	#36.70B/21.70A	----	34.90	+ 11.60	.5853	----	1	----	----	1	UNCH
1930	----	----	#33.90B/19.80A	#33.90B/19.80A	----	32.10	+ 10.90	.5564	----	----	----	----	4	UNCH
1935	31.60	31.60	#35.10B/21.80A	#35.10B/21.80A	----	33.60	NEW	.5254	----	1	----	----	1 +	1
1935	----	----	#31.20B/18.00A	#31.20B/18.00A	----	29.50	+ 10.20	.5271	----	----	----	----	2	UNCH
1940	28.00	28.00	#32.70B/20.10A	#32.70B/20.10A	----	31.20	NEW	.5001	----	7	----	----	7 +	7
1940	31.00	31.00	46.20B											

BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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
SMW MON	SILVER WEEKLY MONDAY OPTION WEEK4													
JAN23														
2220	----	----	0.042B/*0.015A	0.042B/*0.015A	----	0.015 -	0.017	.0250	----	----	----	----	----	1
2225	----	----	2.222B/1.500A	2.222B/1.500A	----	2.170 +	0.331	.9333	----	----	----	----	----	2
2225	----	----	1.857B/1.428A	1.857B/1.428A	----	2.136 +	0.349	.9731	----	----	----	----	----	2
2235	----	----	0.055B/*0.018A	0.055B/*0.018A	----	0.019 -	0.022	.0319	----	----	----	----	----	8
2245	----	----	0.066B/*0.021A	0.066B/*0.021A	----	0.022 -	0.026	.0371	----	----	----	----	----	1
2250	----	----	1.989B/1.295A	1.989B/1.295A	----	1.940 +	0.320	.9097	----	----	----	----	----	3
2250	----	----	1.878B/1.207A	1.878B/1.207A	----	1.894 +	0.340	.9594	----	----	----	----	----	3
2250	----	----	0.073B/*0.023A	0.073B/*0.023A	----	0.024 -	0.028	.0405	----	----	----	----	----	1
2255	----	----	0.080B/*0.025A	0.080B/*0.025A	----	0.026 -	0.030	.0438	----	----	----	----	----	5
2275	----	----	0.113B/*0.034A	0.113B/*0.034A	----	0.036 -	0.041	.0605	----	----	----	----	----	8
2300	----	----	0.172B/*0.051A	0.172B/*0.051A	----	0.054 -	0.059	.0896	----	----	----	----	----	40
2305	----	----	0.186B/*0.055A	0.186B/*0.055A	----	0.059 -	0.063	.0972	----	----	----	----	----	1
2320	----	----	0.364B/*0.157A	0.364B/*0.157A	----	0.170 -	0.095	.1936	----	----	----	----	----	1
2320	----	----	1.239B/0.672A	1.239B/0.672A	----	1.246 +	0.290	.8781	----	----	----	----	----	2
2320	----	----	0.232B/*0.069A	0.232B/*0.069A	----	0.075 -	0.078	.1218	----	----	----	----	----	1
2325	----	----	1.250B/0.639A	1.250B/0.639A	----	1.202 +	0.284	.8690	----	----	----	----	----	1
2325	----	----	0.384B/*0.166A	0.384B/*0.166A	----	0.181 -	0.099	.2037	----	----	----	----	----	1
2325	----	----	1.341B/0.774A	1.341B/0.774A	----	1.301 +	0.268	.7962	----	----	----	----	----	4
2330	----	----	0.269B/*0.081A	0.269B/*0.081A	----	0.088 -	0.089	.1410	----	----	----	----	----	1
2335	0.168	0.168	0.288B/*0.087A	0.288B/*0.087A	----	0.095 NEW	.1513	----	----	----	6	----	----	6 +
2350	----	----	1.037B/0.492A	1.037B/0.492A	----	0.993 +	0.255	.8126	----	----	----	----	----	1
2350	----	----	0.352B/*0.111A	0.352B/*0.111A	----	0.121 -	0.114	.1873	----	----	----	----	----	6
2355	----	----	0.941B/0.466A	0.941B/0.466A	----	0.953 +	0.249	.7986	----	----	----	----	----	2
2360	0.728	0.728	0.901B/0.440A	0.901B/0.440A	----	0.914 +	0.242	.7852	----	----	1	----	4 +	1
2365	----	----	0.861B/0.416A	0.861B/0.416A	----	0.875 +	0.235	.7704	----	----	----	----	----	3
2365	----	----	0.570B/*0.263A	0.570B/*0.263A	----	0.284 -	0.138	.2928	----	----	----	----	----	1
2370	----	----	0.595B/*0.278A	0.595B/*0.278A	----	0.300 -	0.143	.3053	----	----	----	----	----	1
2370	----	----	0.823B/0.392A	0.823B/0.392A	----	0.838 +	0.229	.7554	----	----	----	----	----	1
2375	----	----	0.480B/*0.164A	0.480B/*0.164A	----	0.180 -	0.145	.2607	----	----	----	----	----	1
2380	----	----	0.747B/0.348A	0.747B/0.348A	----	0.765 +	0.215	.7228	----	----	----	----	----	2
2380	----	----	0.509B/*0.177A	0.509B/*0.177A	----	0.194 -	0.152	.2771	----	----	----	----	----	1
2385	----	----	0.538B/*0.190A	0.538B/*0.190A	----	0.209 -	0.159	.2940	----	----	----	----	----	1
2395	----	----	0.841B/0.430A	0.841B/0.430A	----	0.810 +	0.198	.6292	----	----	----	----	----	4
2400	----	----	0.633B/*0.239A	0.633B/*0.239A	----	0.260 -	0.180	.3477	----	----	----	----	----	1
2400	----	----	0.665B/0.272A	0.665B/0.272A	----	0.632 +	0.188	.6521	----	----	----	----	----	7
2400	----	----	0.770B/*0.384A	0.770B/*0.384A	----	0.409 -	0.174	.3843	----	----	----	----	----	1
2400	0.450	0.450	0.810B/0.412A	0.810B/0.412A	----	0.780 +	0.193	.6156	----	----	2	----	4	UNCH
2420	----	----	0.899B/*0.468A	0.899B/*0.468A	----	0.496 -	0.195	.4399	----	----	----	----	----	1
2425	----	----	0.511B/*0.196A	0.511B/*0.196A	----	0.486 +	0.153	.5562	----	----	----	----	----	6
2425	----	----	0.809B/*0.337A	0.809B/*0.337A	----	0.365 -	0.213	.4437	----	----	----	----	----	1
2430	----	----	0.780B/*0.360A	0.780B/*0.360A	----	0.388 -	0.221	.4633	----	----	----	----	----	2
2435	----	----	0.457B/*0.172A	0.457B/*0.172A	----	0.435 +	0.140	.5169	----	----	----	----	----	1
2440	0.583	0.583	1.029B/*0.563A	1.029B/*0.563A	----	0.595 NEW	.4962	----	----	----	1	----	1 +	1
2450	----	----	0.383B/*0.141A	0.383B/*0.141A	----	0.365 +	0.120	.4582	----	----	----	----	----	3
2450	----	----	0.542B/0.256A	0.542B/0.256A	----	0.521 +	0.141	.4756	----	----	----	----	----	1
2465	----	----	0.318B/*0.116A	0.318B/*0.116A	----	0.303 +	0.100	.4008	----	----	----	----	----	2
2475	0.175	0.175	0.280B/*0.102A	0.280B/*0.102A	----	0.267 +	0.089	.3642	----	----	2	----	2 +	1
2475	----	----	0.436B/*0.202A	0.436B/*0.202A	----	0.419 +	0.118	.4073	----	----	----	----	----	2
2485	----	----	0.398B/*0.183A	0.398B/*0.183A	----	0.383 +	0.109	.3811	----	----	----	----	----	4
2500	0.200	0.200	0.201B/*0.073A	0.201B/*0.073A	----	0.191 +	0.062	.2798	----	----	3	----	20	UNCH
2505	----	----	0.189B/*0.069A	0.189B/*0.069A	----	0.178 +	0.057	.2643	----	----	----	----	----	5
2525	----	----	0.274B/*0.125A	0.274B/*0.125A	----	0.264 +	0.077	.2854	----	----	----	----	----	10
2525	----	----	0.145B/*0.053A	0.145B/*0.053A	----	0.136 +	0.043	.2098	----	----	----	----	----	1
2550	0.220	0.220	0.220/*0.099A	0.220/*0.099A	----	0.208 NEW	.2345	----	----	----	1	----	1 +	1
2550	----	----	1.905B/*1.172A	1.905B/*1.172A	----	1.223 -	0.338	.8450	----	----	----	----	----	1
2550	----	----	0.103B/*0.039A	0.103B/*0.039A	----	0.097 +	0.030	.1549	----	----	1	----	----	1
2600	----	----	0.132B/*0.062A	0.132B/*0.062A	----	0.129 +	0.038	.1548	----	----	----	----	----	5
2650	----	----	0.026B/*0.014A	0.026B/*0.014A	----	0.026 +	0.007	.0432	----	----	1	----	----	1
2650	----	----	0.080B/*0.040A	0.080B/*0.040A	----	0.080 +	0.023	.1002	----	----	----	----	----	10
2725	----	----	0.008B/----	0.008B/----	----	0.010 +	0.003	.0162	----	----	----	----	----	6
2750	----	----	0.030B/*0.020A	0.030B/*0.020A	----	0.032 +	0.009	.0416	----	----	----	----	----	1
2800	----	----	----	----	----	0.004 +	0.001	.0062	----	----	----	----	----	2
2850	----	----	----	----	----	0.014 +	0.003	.0181	----	----	----	----	----	11
2875	----	----	----	----	----	0.012 +	0.003	.0154	----	----	----	----	----	1
2900	----	----	----	----	----	0.010 +	0.003	.0127	----	----	----	----	----	2
TOTAL												18	0	320 +
FEB23														
2050	----	----	----/*0.023A	----/*0.023A	----	0.021 -	0.009	.0224	----	----	----	----	----	2
2100	----	----	#3.470B/2.716A	#3.470B/2.716A	----	3.418 +	0.348	.9486	----	----	----	----	----	1
2100	----	----	0.054B/*0.034A	0.054B/*0.034A	----	0.033 -	0.015	.0352	----	----	----	----	----	1
2125	----	----	#3.232B/2.488A	#3.232B/2.488A	----	3.182 +	0.344	.9371	----	----	----	----	----	1
2150	----	----	2.972B/2.228A	2.972B/2.228A	----	2.920 +	0.343	.9434	----	----	----	----	----	2
2200	----	----	#2.542B/1.855A	#2.542B/1.855A										

	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 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													
FEB23														
2060	----	----	----/3. 372A	----/3. 372A	----	3. 773 + 0. 365	.9957	----	----	----	----	2	UNCH	
2070	----	----	----/3. 273A	----/3. 273A	----	3. 673 + 0. 364	.9955	----	----	----	----	3	UNCH	
2075	----	----	----/3. 223A	----/3. 223A	----	3. 623 + 0. 364	.9955	----	----	----	----	18	UNCH	
2100	----	----	----/2. 965A	----/2. 965A	----	3. 375 + 0. 363	.9926	----	----	----	----	121	UNCH	
2115	----	----	----/2. 827A	----/2. 827A	----	3. 226 + 0. 361	.9910	----	----	----	----	2	UNCH	
2125	----	----	----/2. 729A	----/2. 729A	----	3. 127 + 0. 360	.9895	----	----	----	----	13	UNCH	
2130	----	----	----/2. 680A	----/2. 680A	----	3. 077 + 0. 359	.9881	----	----	----	----	7	UNCH	
2135	----	----	----/2. 631A	----/2. 631A	----	3. 028 + 0. 359	.9879	----	----	----	----	6	UNCH	
2140	----	----	----/2. 511A	----/2. 511A	----	2. 978 + 0. 358	.9865	----	----	----	----	15	UNCH	
2145	----	----	----/2. 463A	----/2. 463A	----	2. 929 + 0. 357	.9851	----	----	----	----	31	UNCH	
2150	----	----	----/2. 414A	----/2. 414A	----	2. 880 + 0. 357	.9837	----	----	----	----	377	UNCH	
2155	----	----	----/2. 366A	----/2. 366A	----	2. 831 + 0. 356	.9834	----	----	----	----	10	UNCH	
2160	----	----	----/2. 318A	----/2. 318A	----	2. 781 + 0. 354	.9820	----	----	----	----	13	UNCH	
2165	----	----	----/2. 270A	----/2. 270A	----	2. 732 + 0. 353	.9805	----	----	----	----	1	UNCH	
2175	----	----	2. 3078/1. 917A	2. 3078/1. 917A	----	2. 635 + 0. 352	.9775	----	----	----	----	146	UNCH	
2180	----	----	----/2. 127A	----/2. 127A	----	2. 586 + 0. 351	.9760	----	----	----	----	5	UNCH	
2185	----	----	----/2. 080A	----/2. 080A	----	2. 537 + 0. 349	.9732	----	----	----	----	15	UNCH	
2190	----	----	----/2. 033A	----/2. 033A	----	2. 488 + 0. 348	.9717	----	----	----	----	2	UNCH	
2195	----	----	----/1. 986A	----/1. 986A	----	2. 440 + 0. 347	.9700	----	----	----	----	13	UNCH	
2200	2. 115	2. 115	2. 2568/1. 689A	2. 2568/1. 689A	----	2. 391 + 0. 345	.9673	----	----	3	----	89 +	3	
2205	----	----	----/1. 893A	----/1. 893A	----	2. 343 + 0. 343	.9645	----	----	----	----	49	UNCH	
2210	----	----	----/1. 846A	----/1. 846A	----	2. 295 + 0. 342	.9627	----	----	----	----	7	UNCH	
2215	----	----	----/1. 591A	----/1. 591A	----	2. 247 + 0. 340	.9599	----	----	----	----	1	UNCH	
2220	----	----	----/1. 539A	----/1. 539A	----	2. 199 + 0. 338	.9559	----	----	----	----	2	UNCH	
2225	1. 539	1. 539	2. 2088/1. 466A	2. 2088/1. 466A	----	2. 152 + 0. 337	.9529	----	----	3	----	31 +	1	
2230	----	----	----/1. 454A	----/1. 454A	----	2. 104 + 0. 334	.9489	----	----	----	----	6	UNCH	
2235	----	----	----/1. 411A	----/1. 411A	----	2. 057 + 0. 332	.9459	----	----	----	----	3	UNCH	
2240	----	----	----/1. 370A	----/1. 370A	----	2. 010 + 0. 330	.9418	----	----	----	----	7	UNCH	
2250	1. 429	1. 429	1. 9718/1. 256A	1. 9718/1. 256A	----	1. 917 + 0. 326	.9325	----	----	4	----	47 +	4	
2255	----	----	1. 5598/1. 249A	1. 5598/1. 249A	----	1. 871 + 0. 323	.9273	----	----	----	----	6	UNCH	
2260	----	----	1. 5738/1. 211A	1. 5738/1. 211A	----	1. 825 + 0. 321	.9220	----	----	----	----	21	UNCH	
2265	----	----	1. 5728/1. 172A	1. 5728/1. 172A	----	1. 779 + 0. 318	.9167	----	----	6	----	8	UNCH	
2270	----	----	1. 5718/1. 108A	1. 5718/1. 108A	----	1. 734 + 0. 315	.9105	----	----	----	----	4	UNCH	
2275	1. 550	1. 550	1. 7408/1. 061A	1. 7408/1. 061A	----	1. 689 + 0. 312	.9042	----	----	1	----	46 -	1	
2280	----	----	1. 5568/1. 034A	1. 5568/1. 034A	----	1. 644 + 0. 309	.8978	----	----	----	----	44	UNCH	
2285	----	----	1. 5718/0. 995A	1. 5718/0. 995A	----	1. 600 + 0. 306	.8905	----	----	----	----	13	UNCH	
2290	----	----	1. 5648/0. 961A	1. 5648/0. 961A	----	1. 556 + 0. 302	.8832	----	----	----	----	43	UNCH	
2295	----	----	1. 5268/0. 923A	1. 5268/0. 923A	----	1. 512 + 0. 298	.8759	----	----	----	----	6	UNCH	
2300	----	----	1. 5168/0. 879A	1. 5168/0. 879A	----	1. 469 + 0. 295	.8677	----	----	6	----	271 +	6	
2305	----	----	1. 4388/0. 848A	1. 4388/0. 848A	----	1. 426 + 0. 291	.8594	----	----	----	----	7	UNCH	
2310	----	----	1. 3958/0. 816A	1. 3958/0. 816A	----	1. 384 + 0. 287	.8503	----	----	----	----	9	UNCH	
2315	----	----	1. 3528/0. 783A	1. 3528/0. 783A	----	1. 342 + 0. 282	.8412	----	----	----	----	42	UNCH	
2320	----	----	1. 3108/0. 753A	1. 3108/0. 753A	----	1. 301 + 0. 278	.8320	----	----	----	----	80	UNCH	
2325	0. 820	0. 820	1. 3038/0. 719A	1. 3038/0. 719A	----	1. 260 + 0. 274	.8220	----	----	6	----	131 -	1	
2330	----	----	1. 2278/0. 692A	1. 2278/0. 692A	----	1. 220 + 0. 269	.8114	----	----	----	----	6	UNCH	
2335	0. 740	0. 740	1. 1868/0. 659A	1. 1868/0. 659A	----	1. 180 + 0. 264	.8007	----	----	3	----	13 +	1	
2340	----	----	1. 1738/0. 632A	1. 1738/0. 632A	----	1. 141 + 0. 260	.7893	----	----	----	----	11	UNCH	
2345	----	----	1. 1408/0. 604A	1. 1408/0. 604A	----	1. 102 + 0. 254	.7779	----	----	----	----	12	UNCH	
2350	0. 753	0. 753	1. 1048/0. 578A	1. 1048/0. 578A	----	1. 064 + 0. 249	.7659	----	----	21	----	250 -	5	
2355	----	----	1. 0648/0. 552A	1. 0648/0. 552A	----	1. 027 + 0. 244	.7533	----	----	----	----	21	UNCH	
2360	0. 826	0. 826	1. 0278/0. 527A	1. 0278/0. 527A	----	0. 990 + 0. 238	.7407	----	----	2	----	41 -	2	
2365	0. 816	0. 816	0. 9908/0. 503A	0. 9908/0. 503A	----	0. 954 + 0. 233	.7276	----	----	4	----	10 +	4	
2370	0. 630	0. 630	0. 9548/0. 479A	0. 9548/0. 479A	----	0. 919 + 0. 227	.7140	----	----	9	----	62 +	4	
2375	----	----	0. 9218/0. 456A	0. 9218/0. 456A	----	0. 884 + 0. 221	.7003	----	----	19	----	205 +	2	
2380	----	----	0. 8848/0. 435A	0. 8848/0. 435A	----	0. 851 + 0. 216	.6862	----	----	----	----	17	UNCH	
2385	----	----	0. 8518/0. 414A	0. 8518/0. 414A	----	0. 818 + 0. 211	.6718	----	----	----	----	5	UNCH	
2390	0. 498	0. 498	0. 8198/0. 394A	0. 8198/0. 394A	----	0. 786 + 0. 205	.6570	----	----	2	----	66	UNCH	
2395	0. 577	0. 577	0. 7878/0. 374A	0. 7878/0. 374A	----	0. 754 + 0. 199	.6419	----	----	3	----	99 +	2	
2400	0. 450	0. 450	0. 755/0. 356A	0. 755/0. 356A	----	0. 724 + 0. 194	.6269	----	----	45	----	554 +	18	
2405	0. 564	0. 564	0. 7238/0. 337A	0. 7238/0. 337A	----	0. 694 + 0. 188	.6116	----	----	4	----	69 -	4	
2410	----	----	0. 6938/0. 320A	0. 6938/0. 320A	----	0. 665 + 0. 182	.5959	----	----	----	----	41	UNCH	
2415	----	----	0. 6658/0. 304A	0. 6658/0. 304A	----	0. 637 + 0. 177	.5804	----	----	----	----	43	UNCH	
2420	0. 395	0. 395	0. 6378/0. 289A	0. 6378/0. 289A	----	0. 610 + 0. 172	.5646	----	----	5	----	53 +	5	
2425	0. 428	0. 428	0. 6108/0. 275A	0. 6108/0. 275A	----	0. 583 + 0. 165	.5488	----	----	22	----	201	UNCH	
2430	----	----	0. 5828/0. 261A	0. 5828/0. 261A	----	0. 558 + 0. 161	.5330	----	----	6	----	42 -	6	
2435	----	----	0. 5578/0. 247A	0. 5578/0. 247A	----	0. 533 + 0. 155	.5172	----	----	----	----	5	UNCH	
2440	0. 266	0. 266	0. 5328/0. 233A	0. 5328/0. 233A	----	0. 509 + 0. 149	.5014	----	----	51	----	54 +	43	
2445	----	----	0. 5088/0. 220A	0. 5088/0. 220A	----	0. 486 + 0. 144	.4857	----	----	----	----	9	UNCH	
2450	0. 332	0. 332	0. 4848/0. 209A	0. 4848/0. 209A	----	0. 463 + 0. 138	.4700	----	----	67	----	486 +	2	
2455														



	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 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												
FEB23														
5500	----	----	----	----	----	0.001	UNCH	----	----	----	----	45	UNCH	
6000	----	----	----	----	----	0.001	UNCH	----	----	----	----	7	UNCH	
6500	----	----	----	----	----	0.001	UNCH	----	----	----	----	2	UNCH	
7000	----	----	----	----	----	0.001	UNCH	----	----	----	----	20	UNCH	
TOTAL										3477	0	13789 +	927	
MAR23														
1250	----	----	----	----	----	11.872 +	0.368 .0000	----	----	----	----	1	UNCH	
1350	----	----	----	----	----	10.872 +	0.368 .9996	----	----	----	----	1	UNCH	
1375	----	----	----	----	----	10.622 +	0.368 .9994	----	----	----	----	2	UNCH	
1475	----	----	----	----	----	9.622 +	0.368 .9986	----	----	----	----	4	UNCH	
1500	----	----	----	----	----	9.372 +	0.368 .9980	----	----	----	----	4	UNCH	
1525	----	----	----	----	----	9.122 +	0.368 .9979	----	----	----	----	2	UNCH	
1550	----	----	----	----	----	8.872 +	0.368 .9972	----	----	----	----	2	UNCH	
1575	----	----	----	----	----	8.622 +	0.368 .9971	----	----	----	----	4	UNCH	
1600	----	----	----/7.966A	----/7.966A	----	8.372 +	0.368 .9964	----	----	----	----	4	UNCH	
1625	----	----	----	----	----	8.122 +	0.368 .9963	----	----	----	----	2	UNCH	
1650	----	----	----	----	----	7.872 +	0.368 .9955	----	----	----	----	4	UNCH	
1675	----	----	----	----	----	7.622 +	0.368 .9948	----	----	----	----	14	UNCH	
1700	----	----	----	----	----	7.372 +	0.368 .9940	----	----	----	----	21	UNCH	
1725	----	----	----	----	----	7.122 +	0.368 .9931	----	----	----	----	5	UNCH	
1750	----	----	----	----	----	6.872 +	0.367 .9922	----	----	----	----	5	UNCH	
1775	----	----	----	----	----	6.623 +	0.367 .9913	----	----	----	----	4	UNCH	
1800	----	----	----	----	----	6.374 +	0.367 .9897	----	----	----	----	113	UNCH	
1825	----	----	----	----	----	6.125 +	0.366 .9880	----	----	----	----	1	UNCH	
1850	----	----	----	----	----	5.877 +	0.366 .9863	----	----	----	----	19	UNCH	
1875	----	----	----	----	----	5.630 +	0.366 .9838	----	----	----	----	178	UNCH	
1900	----	----	----/4.983A	----/4.983A	----	5.383 +	0.364 .9812	----	----	----	----	147	UNCH	
1925	----	----	----/4.749A	----/4.749A	----	5.136 +	0.362 .9779	----	----	----	----	45	UNCH	
1950	----	----	----	----	----	4.891 +	0.361 .9738	----	----	----	----	293	UNCH	
1975	----	----	----	----	----	4.647 +	0.359 .9689	----	----	----	----	115	UNCH	
2000	3.805	3.805	4.059B/3.684A	4.059B/3.684A	----	4.404 +	0.356 .9633	----	----	11	----	516	UNCH	
2025	----	----	4.042B/3.450A	4.042B/3.450A	----	4.163 +	0.353 .9562	----	----	----	----	2	UNCH	
2040	----	----	----	----	----	4.019 +	0.351 .9515	----	----	----	----	4	UNCH	
2050	3.849	3.849	3.981B/3.216A	3.981B/3.216A	----	3.924 +	0.350 .9483	----	----	2	----	210	UNCH	
2075	----	----	3.744B/2.988A	3.744B/2.988A	----	3.688 +	0.347 .9379	----	----	----	----	171	UNCH	
2100	3.464	3.464	3.510B/2.768A	3.510B/2.768A	----	3.454 +	0.342 .9261	----	----	2	----	1443	UNCH	
2115	----	----	----/2.671A	----/2.671A	----	3.316 +	0.339 .9181	----	----	----	----	1	UNCH	
2125	----	----	3.279B/2.547A	3.279B/2.547A	----	3.225 +	0.337 .9119	----	----	----	----	24	UNCH	
2130	----	----	----/2.543A	----/2.543A	----	3.179 +	0.336 .9090	----	----	----	----	1	UNCH	
2140	----	----	----/2.459A	----/2.459A	----	3.089 +	0.334 .9022	----	----	----	----	1	UNCH	
2150	----	----	3.052B/2.339A	3.052B/2.339A	----	3.000 +	0.332 .8954	----	----	----	----	53	UNCH	
2155	----	----	2.743B/2.340A	2.743B/2.340A	----	2.955 +	0.331 .8919	----	----	----	----	4	UNCH	
2160	----	----	2.742B/2.299A	2.742B/2.299A	----	2.911 +	0.330 .8880	----	----	----	----	2	UNCH	
2165	----	----	2.768B/2.259A	2.768B/2.259A	----	2.867 +	0.329 .8841	----	----	----	----	1	UNCH	
2175	----	----	2.830B/2.135A	2.830B/2.135A	----	2.779 +	0.326 .8762	----	----	----	----	354	UNCH	
2180	----	----	2.743B/2.139A	2.743B/2.139A	----	2.736 +	0.325 .8719	----	----	----	----	7	UNCH	
2185	----	----	2.698B/2.100A	2.698B/2.100A	----	2.693 +	0.323 .8679	----	----	----	----	7	UNCH	
2200	----	----	2.614B/1.939A	2.614B/1.939A	----	2.565 +	0.319 .8542	----	----	----	----	780	UNCH	
2215	----	----	2.439B/1.834A	2.439B/1.834A	----	2.440 +	0.314 .8396	----	----	----	----	2	UNCH	
2225	----	----	2.405B/1.755A	2.405B/1.755A	----	2.357 +	0.310 .8294	----	----	----	----	29	UNCH	
2230	----	----	2.315B/1.727A	2.315B/1.727A	----	2.317 +	0.308 .8237	----	----	----	----	2	UNCH	
2250	----	----	2.203B/1.583A	2.203B/1.583A	----	2.157 +	0.299 .8014	----	----	----	----	515	UNCH	
2260	----	----	2.075B/1.521A	2.075B/1.521A	----	2.079 +	0.294 .7893	----	----	----	----	2	UNCH	
2265	----	----	2.073B/1.481A	2.073B/1.481A	----	2.041 +	0.292 .7830	----	----	----	----	2	UNCH	
2275	----	----	2.009B/1.419A	2.009B/1.419A	----	1.966 +	0.288 .7703	----	----	----	----	682	UNCH	
2280	----	----	1.970B/1.387A	1.970B/1.387A	----	1.928 +	0.284 .7636	----	----	----	----	4	UNCH	
2285	----	----	1.932B/1.356A	1.932B/1.356A	----	1.892 +	0.283 .7570	----	----	----	----	3	UNCH	
2290	----	----	1.895B/1.326A	1.895B/1.326A	----	1.855 +	0.280 .7503	----	----	----	----	5	UNCH	
2295	----	----	1.859B/1.297A	1.859B/1.297A	----	1.819 +	0.277 .7434	----	----	----	----	2	UNCH	
2300	1.490	1.490	1.825B/1.267A	1.825B/1.267A	----	1.784 +	0.275 .7365	----	----	10	----	442	UNCH	
2305	----	----	1.787B/1.239A	1.787B/1.239A	----	1.748 +	0.271 .7293	----	----	----	----	2	UNCH	
2310	----	----	1.752B/1.211A	1.752B/1.211A	----	1.714 +	0.270 .7222	----	----	----	----	10	UNCH	
2315	----	----	1.717B/1.183A	1.717B/1.183A	----	1.679 +	0.266 .7150	----	----	----	----	30	UNCH	
2320	----	----	1.683B/1.155A	1.683B/1.155A	----	1.645 +	0.263 .7076	----	----	----	----	5	UNCH	
2325	----	----	1.649B/1.131A	1.649B/1.131A	----	1.612 +	0.261 .7002	----	----	----	----	137	UNCH	
2330	----	----	1.616B/1.103A	1.616B/1.103A	----	1.579 +	0.258 .6927	----	----	----	----	16	UNCH	
2340	----	----	1.551B/1.051A	1.551B/1.051A	----	1.514 +	0.253 .6773	----	----	----	----	2	UNCH	
2345	----	----	1.519B/1.025A	1.519B/1.025A	----	1.482 +	0.250 .6696	----	----	----	----	1	UNCH	
2350	----	----	1.487B/1.002A	1.487B/1.002A	----	1.451 +	0.247 .6617	----	1	----	----	179 +	1	
2355	----	----	1.456B/0.976A	1.456B/0.976A	----	1.420 +	0.244 .6538	----	----	----	----	10	UNCH	
2360	----	----	1.424B/0.953A	1.424B/0.953A	----	1.390 +	0.242 .6460	----	----	----	----	5	UNCH	
2365	----	----	1.394B/0.929A	1.394B/0.929A	----	1.360 +	0.239 .6380	----	----	----	----	26	UNCH	
2370	----	----	1.364B/0.906A	1.364B/0.906A	----	1.331 +	0.236 .6300	----	----	1	----	67	UNCH	
2375	0.940	0.940	1.334B/0.882A	1.334B/0.882A	----	1.301 +	0.232 .6219	----	5	----	----	52 -	1	
2380	----	----	1.305B/0.861A	1.305B/0.861A	----	1.273 +	0.230 .6138	----	----	----	----	22	UNCH	
2385	----	----	1.276B/0.840A	1.276B/0.840A	----	1.245 +	0.227 .6056	----	----	----	----	20	UNCH	
2390	0.900	0.900	1.248B/0.819A	1.248B/0.819A	----	1.217 +	0.224 .5974	----	6	----	----	48 -	1	
2395	----	----	1.221B/0.799A	1.221B/0.799A	----	1.190 +	0.221 .5892	----	----	----	----	24	UNCH	
2400	0.915	0.915	1.192B/0.778A	1.192B/0.778A	----	1.163 +	0.218 .5810	----	48	----	----	1170 -	18	
2405	----													



	BULLETIN # 9@			METALS OPTION PRODUCTS							Fri, Jan 13, 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														
MAR23															
3025	----	----		0.049B/*0.036A	0.049B/*0.036A	----			0.050 + 0.009	.0411	----	----	2	----	6 +
3050	----	----		0.044B/*0.033A	0.044B/*0.033A	----			0.045 + 0.008	.0371	----	----	1	----	93 -
3100	----	----		0.035B/*0.028A	0.035B/*0.028A	----			0.036 + 0.006	.0299	----	----	4	----	62 +
3125	----	----		0.031B/*0.026A	0.031B/*0.026A	----			0.033 + 0.006	.0273	----	----	----	----	12
3150	----	----		0.028B/*0.024A	0.028B/*0.024A	----			0.030 + 0.005	.0248	----	----	----	----	14
3175	----	----		0.025B/----	0.025B/----	----			0.027 + 0.004	.0224	----	----	----	----	4
3200	0.027	0.027		0.027/0.027	0.027/0.027	----			0.025 + 0.004	.0206	----	----	1	----	40 +
3225	----	----		0.021B/----	0.021B/----	----			0.023 + 0.004	.0189	----	----	----	----	1
3250	----	----		0.019B/----	0.019B/----	----			0.021 + 0.003	.0173	----	----	----	----	227
3275	----	----		----	----	----			0.020 + 0.003	.0163	----	----	----	----	2
3300	0.016	0.016		0.019/*0.015	0.019/*0.015	----			0.018 + 0.002	.0147	----	30	----	----	46 +
3325	----	----		----	----	----			0.017 + 0.003	.0138	----	----	----	----	2
3350	----	----		----	----	----			0.016 + 0.002	.0129	----	----	----	----	1001
3375	----	----		----	----	----			0.015 + 0.002	.0120	----	----	----	----	3
3400	0.011	0.011		0.011/*0.011	0.011/*0.011	----			0.014 + 0.002	.0112	----	----	1	----	226 +
3425	----	----		----	----	----			0.013 + 0.002	.0104	----	----	----	----	1
3450	0.010	0.010		0.010/*0.010	0.010/*0.010	----			0.012 + 0.001	.0095	----	----	1	----	270 +
3475	----	----		----	----	----			0.012 + 0.002	.0094	----	----	----	----	11
3500	----	----		----	----	----			0.011 + 0.001	.0086	----	----	----	----	55
3525	----	----		----	----	----			0.010 + 0.001	.0078	----	----	----	----	100
3550	----	----		----	----	----			0.010 + 0.001	.0077	----	----	----	----	8
3575	----	----		----	----	----			0.009 + 0.001	.0070	----	----	----	----	4
3600	----	----		----	----	----			0.009 + 0.001	.0069	----	----	----	----	141
3625	----	----		----	----	----			0.008	UNCH .0062	----	----	----	----	8
3650	----	----		----	----	----			0.008 + 0.001	.0061	----	----	----	----	10
3675	----	----		----	----	----			0.008 + 0.001	.0060	----	----	----	----	10
3700	----	----		----	----	----			0.007	UNCH .0053	----	----	----	----	31
3725	----	----		----	----	----			0.007	UNCH .0052	----	----	----	----	3
4000	----	----		----	----	----			0.005	UNCH .0035	----	----	----	----	508
4500	----	----		----	----	----			0.003 - 0.001	.0019	----	----	----	----	74
5000	----	----		----	----	----			0.002 - 0.001	.0011	----	----	----	----	796
6000	----	----		----	----	----			0.002 - 0.001	.0009	----	----	----	----	134
7500	----	----		----	----	----			0.002 - 0.001	.0008	----	----	----	----	206
10000	----	----		----	----	----			0.002 - 0.001	.0006	----	----	----	----	205
TOTAL													2387	0	24289 +
APR23															
1275	----	----		----	----	----			11.811 + 0.367	.9977	----	----	----	----	4
1350	----	----		----	----	----			11.061 + 0.367	.9971	----	----	----	----	1
1525	----	----		----	----	----			9.311 + 0.367	.9940	----	----	----	----	2
1550	----	----		----	----	----			9.061 + 0.367	.9934	----	----	----	----	4
1575	----	----		----	----	----			8.811 + 0.367	.9922	----	----	----	----	6
1625	----	----		----	----	----			8.311 + 0.367	.9904	----	----	----	----	4
1650	----	----		----	----	----			8.061 + 0.367	.9887	----	----	----	----	2
1675	----	----		----	----	----			7.812 + 0.367	.9874	----	----	----	----	2
1725	----	----		----	----	----			7.316 + 0.366	.9834	----	----	----	----	2
1750	----	----		----	----	----			7.069 + 0.366	.9811	----	----	----	----	2
1775	----	----		----	----	----			6.822 + 0.364	.9786	----	----	----	----	1
1800	----	----		----	----	----			6.577 + 0.364	.9753	----	----	----	----	1
1825	----	----		----	----	----			6.332 + 0.362	.9722	----	----	----	----	2
1850	----	----		----	----	----			6.088 + 0.360	.9682	----	----	----	----	6
1950	----	----		5.184B/4.420A	5.184B/4.420A	----			5.127 + 0.353	.9467	----	----	----	----	1
2000	----	----		4.713B/3.962A	4.713B/3.962A	----			4.658 + 0.348	.9305	----	----	----	----	66
2025	----	----		4.481B/3.740A	4.481B/3.740A	----			4.427 + 0.345	.9209	----	----	----	----	59
2050	----	----		4.251B/3.520A	4.251B/3.520A	----			4.199 + 0.342	.9097	----	----	----	----	5
2075	----	----		4.025B/3.304A	4.025B/3.304A	----			3.975 + 0.338	.8972	----	----	----	----	7
2100	----	----		3.803B/3.099A	3.803B/3.099A	----			3.755 + 0.335	.8835	----	----	----	----	105
2125	3.547	3.547		3.586B/2.894A	3.586B/2.894A	----			3.539 + 0.330	.8679	----	2	----	2 -	1
2150	----	----		3.373B/2.699A	3.373B/2.699A	----			3.328 + 0.324	.8507	----	----	----	----	3
2175	----	----		3.166B/2.509A	3.166B/2.509A	----			3.122 + 0.318	.8318	----	----	----	----	5
2200	----	----		2.966B/2.329A	2.966B/2.329A	----			2.923 + 0.312	.8112	----	----	----	----	27
2250	----	----		2.583B/1.994A	2.583B/1.994A	----			2.544 + 0.296	.7648	----	----	----	----	64
2265	----	----		2.425B/1.893A	2.425B/1.893A	----			2.436 + 0.291	.7497	----	----	----	----	1
2275	----	----		2.403B/1.832A	2.403B/1.832A	----			2.365 + 0.287	.7392	----	----	----	----	10
2280	1.803	1.803		2.318B/1.802A	2.318B/1.802A	----			2.331	NEW .7339	----	2	----	2 +	2
2285	1.773	1.773		2.283B/1.773	2.283B/1.773	----			2.296	NEW .7286	----	2	----	2 +	2
2295	----	----		2.213B/1.715A	2.213B/1.715A	----			2.228 + 0.279	.7177	----	----	----	----	3
2300	----	----		2.231B/1.686A	2.231B/1.686A	----			2.195 + 0.278	.7123	----	----	----	----	11
2310	----	----		2.112B/1.630A	2.112B/1.630A	----			2.129 + 0.274	.7012	----	----	----	----	2
2320	----	----		2.047B/1.576A	2.047B/1.576A	----			2.064 + 0.269	.6899	----	----	----	----	5
2325	----	----		2.066B/1.549A	2.066B/1.549A	----			2.032 + 0.267	.6841	----	----	----	----	5
2345	----	----		1.944B/1.446A	1.944B/1.446A	----			1.909 + 0.259	.6609	----	----	----	----	2
2350	----	----		1.914B/1.421A	1.914B/1.421A	----			1.879 + 0.257	.6551	----	----	----	----	138
2355	----	----		1.884B/1.396A	1.884B/1.396A	----			1.849 + 0.254	.6491	----	----	----	----	2
2370	----	----		1.793B/1.325A	1.793B/1.325A	----			1.762 + 0.247	.6312	----	----	----	----	131
2375	----	----		1.766B/1.304A	1.766B/1.304A	----			1.734 + 0.245	.6252	----	----	----	----	18
2380	----	----		1.736B/1.280A	1.736B/1.280A	----			1.706 + 0.243	.6192	----	----	----	----	2
2395	----	----		1.652B/1.214A	1.652B/1.214A	----			1.624 + 0.236	.6010.					

PG64	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 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													
MAY23														
1350	----	----	----	----	----	11.061 +	0.367	.9946	----	----	----	1	UNCH	
1375	----	----	----	----	----	10.811 +	0.367	.9941	----	----	----	2	UNCH	
1500	----	----	----	----	----	9.561 +	0.367	.9897	----	----	----	2	UNCH	
1525	----	----	----	----	----	9.311 +	0.367	.9886	----	----	10	UNCH		
1550	----	----	----	----	----	9.061 +	0.367	.9872	----	----	4	UNCH		
1575	----	----	----	----	----	8.811 +	0.366	.9857	----	----	4	UNCH		
1600	----	----	----	----	----	8.562 +	0.366	.9841	----	----	6	UNCH		
1675	----	----	----	----	----	7.819 +	0.364	.9781	----	----	2	UNCH		
1700	----	----	----	----	----	7.573 +	0.363	.9755	----	----	2	UNCH		
1750	----	----	----	----	----	7.083 +	0.361	.9695	----	----	1	UNCH		
1800	----	----	----	----	----	6.598 +	0.359	.9617	----	----	6	UNCH		
1825	----	----	6.045B/5.644A	6.045B/5.644A	----	6.357 +	0.357	.9573	----	----	29	UNCH		
1850	----	----	6.110B/5.407A	6.110B/5.407A	----	6.118 +	0.356	.9520	----	----	2	UNCH		
1900	----	----	5.703B/4.945A	5.703B/4.945A	----	5.645 +	0.352	.9398	----	----	28	UNCH		
1950	----	----	5.237B/4.490A	5.237B/4.490A	----	5.180 +	0.348	.9243	----	----	1	UNCH		
2000	4.610	4.610	4.780B/4.050A	4.780B/4.050A	----	4.726 +	0.343	.9051	----	1	162 -	1		
2050	----	----	4.335B/3.630A	4.335B/3.630A	----	4.286 +	0.337	.8815	----	----	4	UNCH		
2075	----	----	4.121B/3.424A	4.121B/3.424A	----	4.071 +	0.333	.8680	----	----	2	UNCH		
2100	----	----	3.909B/3.229A	3.909B/3.229A	----	3.861 +	0.329	.8532	----	----	20	UNCH		
2125	----	----	3.701B/3.034A	3.701B/3.034A	----	3.655 +	0.323	.8372	----	----	1	UNCH		
2150	----	----	3.501B/2.851A	3.501B/2.851A	----	3.455 +	0.318	.8198	----	----	76	UNCH		
2175	----	----	3.304B/2.674A	3.304B/2.674A	----	3.260 +	0.312	.8013	----	----	2	UNCH		
2200	----	----	3.113B/2.499A	3.113B/2.499A	----	3.072 +	0.306	.7813	----	----	252	UNCH		
2225	----	----	2.929B/2.339A	2.929B/2.339A	----	2.890 +	0.299	.7604	----	2	27	UNCH		
2250	----	----	2.752B/2.181A	2.752B/2.181A	----	2.714 +	0.291	.7381	----	----	102	UNCH		
2275	----	----	2.582B/2.033A	2.582B/2.033A	----	2.545 +	0.282	.7150	----	----	5	UNCH		
2300	----	----	2.419B/1.893A	2.419B/1.893A	----	2.384 +	0.274	.6911	----	----	152	UNCH		
2350	1.685	1.685	2.115B/1.638A	2.115B/1.638A	----	2.084 +	0.255	.6410	----	2	25	UNCH		
2375	----	----	1.975B/1.522A	1.975B/1.522A	----	1.945 +	0.245	.6152	----	----	12	UNCH		
2400	1.480	1.480	1.841B/1.413A	1.841B/1.413A	----	1.814 +	0.234	.5893	----	2	254 +	1		
2425	----	----	1.716B/1.311A	1.716B/1.311A	----	1.691 +	0.224	.5632	----	----	42	UNCH		
2450	1.588	1.588	1.598B/1.216A	1.598B/1.216A	----	1.575 +	0.213	.5373	----	7	207	UNCH		
2475	----	----	1.493B/1.128A	1.493B/1.128A	----	1.467 +	0.203	.5117	----	----	80	UNCH		
2500	1.120	1.120	1.390B/1.047A	1.390B/1.047A	----	1.367 +	0.193	.4867	----	12	1695 +	5		
2525	----	----	1.294B/0.972A	1.294B/0.972A	----	1.273 +	0.183	.4622	----	----	4	UNCH		
2550	----	----	1.205B/0.903A	1.205B/0.903A	----	1.185 +	0.172	.4384	----	----	10	UNCH		
2575	----	----	1.121B/0.838A	1.121B/0.838A	----	1.104 +	0.163	.4155	----	----	4	UNCH		
2600	----	----	1.044B/0.779A	1.044B/0.779A	----	1.028 +	0.153	.3933	----	----	97	UNCH		
2625	----	----	0.972B/0.724A	0.972B/0.724A	----	0.958 +	0.145	.3721	----	----	8	UNCH		
2650	----	----	0.905B/0.672A	0.905B/0.672A	----	0.892 +	0.136	.3517	----	----	137	UNCH		
2675	----	----	0.843B/0.626A	0.843B/0.626A	----	0.831 +	0.128	.3322	----	----	5	UNCH		
2700	----	----	0.786B/0.583A	0.786B/0.583A	----	0.775 +	0.121	.3138	----	10	717	UNCH		
2725	0.675	0.675	0.733B/0.544A	0.733B/0.544A	----	0.723	NEW	.2962	----	2	2 +	2		
2750	0.560	0.560	0.683B/0.507A	0.683B/0.507A	----	0.674 +	0.107	.2794	----	17	227 -	17		
2800	0.588	0.588	0.595B/0.443A	0.595B/0.443A	----	0.588 +	0.095	.2487	----	2	249 +	1		
2825	0.439	0.439	0.556B/0.415A	0.556B/0.415A	----	0.550 +	0.089	.2347	----	2	36 -	1		
2850	----	----	0.520B/0.388A	0.520B/0.388A	----	0.514 +	0.084	.2213	----	----	17	UNCH		
2900	0.450	0.450	0.455B/0.341A	0.455B/0.341A	----	0.450 +	0.073	.1969	----	9	43 +	1		
2925	----	----	0.426B/0.320A	0.426B/0.320A	----	0.422 +	0.069	.1859	----	----	3	UNCH		
2950	----	----	0.399B/0.301A	0.399B/0.301A	----	0.395 +	0.064	.1753	----	----	15	UNCH		
2975	----	----	0.374B/0.283A	0.374B/0.283A	----	0.371 +	0.061	.1656	----	----	6	UNCH		
3000	----	----	0.351B/0.266A	0.351B/0.266A	----	0.348 +	0.057	.1563	----	----	479	UNCH		
3025	----	----	0.329B/0.250A	0.329B/0.250A	----	0.327 +	0.054	.1476	----	----	31	UNCH		
3050	----	----	0.309B/0.236A	0.309B/0.236A	----	0.307 +	0.050	.1394	----	----	1	UNCH		
3075	----	----	0.291B/0.222A	0.291B/0.222A	----	0.289 +	0.047	.1318	----	----	101	UNCH		
3100	----	----	0.273B/0.210A	0.273B/0.210A	----	0.272 +	0.045	.1246	----	----	19	UNCH		
3125	----	----	0.257B/0.198A	0.257B/0.198A	----	0.256 +	0.042	.1178	----	----	1	UNCH		
3150	----	----	0.242B/0.186A	0.242B/0.186A	----	0.241 +	0.039	.1113	----	----	11	UNCH		
3200	----	----	0.214B/0.167A	0.214B/0.167A	----	0.214 +	0.034	.0996	----	----	3	UNCH		
3225	----	----	0.202B/0.158A	0.202B/0.158A	----	0.202 +	0.032	.0944	----	----	2	UNCH		
3250	----	----	0.191B/0.149A	0.191B/0.149A	----	0.190 +	0.030	.0891	----	1	5 +	1		
3275	----	----	0.180B/0.142A	0.180B/0.142A	----	0.180 +	0.029	.0846	----	----	2	UNCH		
3300	----	----	0.170B/*0.134A	0.170B/*0.134A	----	0.170 +	0.027	.0802	----	1	422 +	1		
3325	----	----	0.160B/*0.127A	0.160B/*0.127A	----	0.161 +	0.025	.0761	----	----	5	UNCH		
3350	0.143	0.143	0.152B/*0.121A	0.152B/*0.121A	----	0.152 +	0.023	.0721	----	9	6 -	2		
3375	----	----	0.143B/*0.115A	0.143B/*0.115A	----	0.144 +	0.022	.0684	----	----	3	UNCH		
3400	----	----	0.136B/*0.109A	0.136B/*0.109A	----	0.136 +	0.020	.0648	----	----	101	UNCH		
3425	----	----	0.128B/*0.104A	0.128B/*0.104A	----	0.129 +	0.019	.0616	----	----	2	UNCH		
3500	----	----	0.109B/*0.090A	0.109B/*0.090A	----	0.111 +	0.017	.0532	----	----	472	UNCH		
4000	----	----	0.041B/----	0.041B/----	----	0.045 +	0.006	.0217	----	20	225 -	16		
5000	----	----	----	----	----	0.014 +	0.002	.0064	----	----	60	UNCH		
6000	----	----	----	----	----	0.008 +	0.001	.0033	----	----	21	UNCH		
9000	----	----	----	----	----	0.005	UNCH	.0016	----	----	2	UNCH		
10000	0.004	0.004	0.004/0.004	0.004/0.004	----	0.005	UNCH	.0015	----	20	170 +	20		
TOTAL										119	0	6950 -	5	
JUN23														
1775	----	----	6.774B/6.353A	6.774B/6.353A	----	7.068 +	0.358	.9541	----	----	----	2	UNCH	
2050	----	----	4.615B/3.925A	4.615B/3.925A	----	4.571 +	0.331	.8645	----	----	----	4	UNCH	
2075	----	----	4.407B/3.729A	4.407B/3.3										

PG64	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 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														
2475	----	----	2.040B/1.665A	2.040B/1.665A	----	2.026 + 0.215	.5414	----	----	57	----	93 + 39		
2500	1.850	1.850	1.935B/1.579A	1.935B/1.579A	----	1.923 + 0.207	.5221	----	----	10	----	585 UNCH		
2525	----	----	1.836B/1.496A	1.836B/1.496A	----	1.826 + 0.200	.5031	----	----	----	----	42 UNCH		
2550	----	----	1.743B/1.420A	1.743B/1.420A	----	1.733 + 0.193	.4845	----	----	----	----	1 UNCH		
2575	----	----	1.658B/1.347A	1.658B/1.347A	----	1.646 + 0.186	.4663	----	----	----	----	4 UNCH		
2600	----	----	1.575B/1.277A	1.575B/1.277A	----	1.564 + 0.179	.4487	----	----	----	----	195 UNCH		
2650	----	----	1.424B/1.152A	1.424B/1.152A	----	1.413 + 0.166	.4149	----	----	----	----	115 UNCH		
2675	----	----	1.354B/1.094A	1.354B/1.094A	----	1.344 + 0.160	.3988	----	----	----	----	362 UNCH		
2700	----	----	1.289B/1.042A	1.289B/1.042A	----	1.279 + 0.154	.3833	----	----	----	----	344 UNCH		
2725	----	----	1.227B/0.992A	1.227B/0.992A	----	1.217 + 0.148	.3683	----	----	----	----	19 UNCH		
2750	----	----	1.168B/0.944A	1.168B/0.944A	----	1.159 + 0.143	.3539	----	----	----	----	12 UNCH		
2775	----	----	1.113B/0.897A	1.113B/0.897A	----	1.104 + 0.137	.3400	----	----	----	----	4 UNCH		
2800	0.900	0.900	1.073/0.855A	1.073/0.855A	----	1.053 + 0.132	.3267	----	----	6	----	304 + 4		
2850	----	----	0.964B/0.779A	0.964B/0.779A	----	0.958 + 0.122	.3016	----	----	----	----	9 UNCH		
2900	----	----	0.879B/0.710A	0.879B/0.710A	----	0.873 + 0.113	.2785	----	----	----	----	144 UNCH		
2925	----	----	0.839B/0.679A	0.839B/0.679A	----	0.834 + 0.109	.2677	----	----	----	----	1 UNCH		
2950	----	----	0.802B/0.649A	0.802B/0.649A	----	0.797 + 0.104	.2573	----	----	----	----	36 UNCH		
2975	----	----	0.766B/0.621A	0.766B/0.621A	----	0.762 + 0.100	.2474	----	----	----	----	1 UNCH		
3000	0.634	0.634	0.732B/0.595A	0.732B/0.595A	----	0.729 + 0.096	.2379	----	----	200	100	2250 + 300		
3050	0.567	0.567	0.670B/0.546A	0.670B/0.546A	----	0.668 + 0.089	.2200	----	----	12	----	18 + 12		
3075	----	----	0.641B/0.524A	0.641B/0.524A	----	0.639 + 0.084	.2115	----	----	----	----	2 UNCH		
3100	----	----	0.613B/0.502A	0.613B/0.502A	----	0.613 + 0.082	.2037	----	----	----	----	16 UNCH		
3125	----	----	0.587B/0.482A	0.587B/0.482A	----	0.587 + 0.078	.1959	----	----	----	----	460 UNCH		
3150	----	----	0.562B/0.463A	0.562B/0.463A	----	0.563 + 0.075	.1886	----	----	----	----	110 UNCH		
3200	----	----	0.516B/0.427A	0.516B/0.427A	----	0.518 + 0.069	.1748	----	----	----	----	1 UNCH		
3250	0.456	0.456	0.475B/0.394A	0.475B/0.394A	----	0.477 + 0.064	.1621	----	1	----	----	1 UNCH		
3300	----	----	0.438B/0.365A	0.438B/0.365A	----	0.440 + 0.059	.1505	----	----	----	----	133 UNCH		
3400	----	----	0.373B/0.313A	0.373B/0.313A	----	0.376 + 0.051	.1301	----	----	----	----	1 UNCH		
3500	----	----	0.319B/0.271A	0.319B/0.271A	----	0.323 + 0.044	.1128	----	----	350	----	1015 - 100		
3600	----	----	0.275B/0.235A	0.275B/0.235A	----	0.279 + 0.038	.0982	----	----	----	----	1 UNCH		
3650	----	----	0.255B/0.220A	0.255B/0.220A	----	0.259 + 0.035	.0916	----	----	----	----	3 UNCH		
3775	0.202	0.202	0.214B/0.186A	0.214B/0.186A	----	0.218 NEW	.0777	----	1	----	----	1 + 1		
3800	----	----	0.207B/0.180A	0.207B/0.180A	----	0.211 + 0.029	.0752	----	----	----	----	2 UNCH		
3900	----	----	0.180B/0.159A	0.180B/0.159A	----	0.185 + 0.025	.0663	----	----	----	----	190 UNCH		
4000	0.165	0.165	0.165/0.165	0.165/0.165	----	0.163 + 0.022	.0586	----	----	253	----	857 + 253		
4025	----	----	0.153B/----	0.153B/----	----	0.158 + 0.022	.0569	----	----	----	----	10 UNCH		
4075	----	----	0.144B/----	0.144B/----	----	0.148 + 0.020	.0534	----	----	----	----	1 UNCH		
4500	----	----	0.087B/----	0.087B/----	----	0.092 + 0.012	.0334	----	----	----	----	33 UNCH		
5000	----	----	0.051B/----	0.051B/----	----	0.057 + 0.007	.0207	----	----	----	----	228 UNCH		
6000	----	----	----	----	----	0.028 + 0.002	.0099	----	----	----	----	61 UNCH		
7000	----	----	----	----	----	0.017 + 0.001	.0058	----	----	----	----	15 UNCH		
9000	----	----	----	----	----	0.010 UNCH	.0031	----	----	----	----	10 UNCH		
10000	0.010	0.010	0.010/0.010	0.010/0.010	----	0.010 UNCH	.0030	----	----	1	----	21 + 1		
TOTAL										896	100	8408 + 510		
SEP23														
1650	----	----	8.359B/7.824A	8.359B/7.824A	----	8.532 + 0.359	.9496	----	----	----	----	1 UNCH		
1700	----	----	8.112B/7.362A	8.112B/7.362A	----	8.062 + 0.356	.9402	----	----	----	----	1 UNCH		
1725	----	----	7.879B/7.137A	7.879B/7.137A	----	7.830 + 0.354	.9349	----	----	----	----	2 UNCH		
1750	----	----	7.649B/6.912A	7.649B/6.912A	----	7.600 + 0.352	.9292	----	----	----	----	1 UNCH		
1975	----	----	5.683B/5.010A	5.683B/5.010A	----	5.646 + 0.330	.8568	----	----	----	----	1 UNCH		
2000	----	----	5.481B/4.818A	5.481B/4.818A	----	5.445 + 0.327	.8461	----	----	----	----	1 UNCH		
2300	----	----	3.397B/2.896A	3.397B/2.896A	----	3.373 + 0.267	.6782	----	----	----	----	9 UNCH		
2400	----	----	2.865B/2.427A	2.865B/2.427A	----	2.846 + 0.243	.6121	----	----	----	----	125 UNCH		
2425	----	----	2.745B/2.322A	2.745B/2.322A	----	2.728 + 0.237	.5955	----	----	----	----	4 UNCH		
2450	----	----	2.630B/2.222A	2.630B/2.222A	----	2.614 + 0.230	.5789	----	----	----	----	60 UNCH		
2475	----	----	2.520B/2.127A	2.520B/2.127A	----	2.506 + 0.225	.5624	----	----	----	----	62 UNCH		
2500	2.225	2.225	2.414B/2.035A	2.414B/2.035A	----	2.402 NEW	.5461	----	21	----	----	21 + 21		
2700	----	----	1.726B/1.452A	1.726B/1.452A	----	1.724 + 0.171	.4267	----	----	----	----	325 UNCH		
2800	----	----	1.471B/1.238A	1.471B/1.238A	----	1.471 + 0.150	.3758	----	----	----	----	61 UNCH		
2850	----	----	1.360B/1.147A	1.360B/1.147A	----	1.362 + 0.141	.3527	----	----	----	----	16 UNCH		
2900	1.055	1.055	1.260B/1.055	1.260B/1.055	----	1.263 + 0.133	.3311	----	1	----	----	1 UNCH		
2975	----	----	1.127B/0.950A	1.127B/0.950A	----	1.130 + 0.120	.3012	----	----	----	----	12 UNCH		
3000	1.098	1.098	1.098/0.916A	1.098/0.916A	----	1.090 + 0.117	.2919	----	1	----	----	128 UNCH		
3150	----	----	0.883B/0.747A	0.883B/0.747A	----	0.885 + 0.098	.2430	----	----	----	----	8 UNCH		
3200	----	----	0.825B/0.699A	0.825B/0.699A	----	0.828 + 0.092	.2289	----	----	----	----	25 UNCH		
3250	----	----	0.772B/0.656A	0.772B/0.656A	----	0.775 + 0.087	.2156	----	----	----	----	12 UNCH		
3450	----	----	0.599B/0.516A	0.599B/0.516A	----	0.604 + 0.069	.1715	----	----	----	----	9 UNCH		
3475	----	----	0.582B/0.501A	0.582B/0.501A	----	0.586 + 0.066	.1668	----	----	----	----	1 UNCH		
3500	----	----	0.564B/0.487A	0.564B/0.487A	----	0.569 + 0.065	.1623	----	----	----	----	126 UNCH		
4000	----	----	0.324B/0.290A	0.324B/0.290A	----	0.332 + 0.036	.0973	----	----	----	----	116 UNCH		
5000	0.138	0.138	0.138/0.138	0.138/0.138	----	0.142 + 0.015	.0423	----	1	----	----	25 UNCH		
7000	----	----	----	----	----	0.045 + 0.004	.0133	----	----	24	0	1203 + 21		
TOTAL														
DEC23														
1875	----	----	6.943B/6.279A	6.943B/6.279A	----	6.919 + 0.335	.8720	----	----	----	----	2 UNCH		
1900	----	----	6.738B/6.082A	6.738B/6.082A	----	6.715 + 0.332	.8635	----	----	----	----	1 UNCH		
1925	----	----	6.537B/5.892A	6.537B/5.892A										



BULLETIN # 9@		METALS OPTION PRODUCTS								Fri, Jan 13, 2023				PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
SO PUT	COMEX SILVER OPTIONS													
FEB23														
1765	----	----	----	----	----	0.001	UNCH	----	----	----	----	5	UNCH	
1770	----	----	----	----	----	0.001	UNCH	----	----	----	----	11	UNCH	
1775	----	----	----	----	----	0.001	UNCH	----	----	----	----	5	UNCH	
1785	----	----	----	----	----	0.001	UNCH	----	----	----	----	11	UNCH	
1790	----	----	----	----	----	0.001	UNCH	----	----	----	----	2	UNCH	
1795	----	----	----	----	----	0.001	UNCH	----	----	----	----	9	UNCH	
1800	----	----	----	----	----	0.001	UNCH	----	----	----	----	271	UNCH	
1820	----	----	----	----	----	0.001	UNCH	----	----	----	----	10	UNCH	
1825	----	----	----	----	----	0.001	UNCH	----	----	----	----	54	UNCH	
1830	----	----	----	----	----	0.001	UNCH	----	----	----	----	5	UNCH	
1840	----	----	----	----	----	0.001	UNCH	----	----	----	----	80	UNCH	
1845	----	----	----	----	----	0.001	UNCH	----	----	----	----	19	UNCH	
1850	----	----	----	----	----	0.001	UNCH	----	----	----	----	70	UNCH	
1855	----	----	----	----	----	0.001	UNCH	----	----	----	----	3	UNCH	
1860	----	----	----	----	----	0.001	UNCH	----	----	----	----	4	UNCH	
1865	----	----	----	----	----	0.001	UNCH	----	----	----	----	20	UNCH	
1870	----	----	----	----	----	0.001	UNCH	----	----	----	----	10	UNCH	
1875	----	----	----	----	----	0.001	UNCH	----	----	----	----	14	UNCH	
1880	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH	
1885	----	----	----	----	----	0.001	UNCH	----	----	----	----	2	UNCH	
1890	----	----	----	----	----	0.001	UNCH	----	----	----	----	21	UNCH	
1895	----	----	----	----	----	0.001	UNCH	----	----	----	----	4	UNCH	
1900	----	----	----	----	----	0.001	UNCH	----	----	----	----	125	UNCH	
1905	----	----	----	----	----	0.001	UNCH	----	----	----	----	10	UNCH	
1910	----	----	----	----	----	0.001	UNCH	----	----	----	----	20	UNCH	
1915	----	----	----	----	----	0.001	UNCH	----	----	----	----	1	UNCH	
1920	----	----	----	----	----	0.001	UNCH	----	----	----	----	12	UNCH	
1925	----	----	----	----	----	0.001	UNCH	----	----	----	----	3	UNCH	
1930	----	----	----	----	----	0.001 -	0.001 .0001	----	----	----	----	4	UNCH	
1935	----	----	----	----	----	0.001 -	0.001 .0001	----	----	----	----	1	UNCH	
1940	----	----	----	----	----	0.001 -	0.001 .0001	----	----	----	----	11	UNCH	
1945	----	----	----	----	----	0.001 -	0.001 .0002	----	----	----	----	4	UNCH	
1950	----	----	----	----	----	0.001 -	0.001 .0002	----	----	----	----	46	UNCH	
1960	----	----	----	----	----	0.001 -	0.001 .0003	----	----	----	----	11	UNCH	
1965	----	----	----	----	----	0.001 -	0.001 .0003	----	----	----	----	2	UNCH	
1970	----	----	----	----	----	0.001 -	0.001 .0004	----	----	----	----	2	UNCH	
1975	----	----	/*0.002A	/*0.002A	----	0.001 -	0.002 .0005	----	----	----	----	22	UNCH	
1980	----	----	/*0.002A	/*0.002A	----	0.001 -	0.002 .0005	----	----	----	----	12	UNCH	
1985	----	----	/*0.002A	/*0.002A	----	0.001 -	0.002 .0006	----	----	----	----	7	UNCH	
1990	----	----	/*0.002A	/*0.002A	----	0.001 -	0.002 .0007	----	----	----	----	5	UNCH	
1995	----	----	/*0.002A	/*0.002A	----	0.001 -	0.002 .0008	----	----	2	----	2	-	
2000	----	----	/*0.002A	/*0.002A	----	0.001 -	0.002 .0010	----	----	----	----	419	UNCH	
2005	----	----	/*0.002A	/*0.002A	----	0.001 -	0.003 .0011	----	----	----	----	2	UNCH	
2010	----	----	/*0.002A	/*0.002A	----	0.001 -	0.003 .0012	----	----	----	----	1	UNCH	
2015	----	----	/*0.002A	/*0.002A	----	0.001 -	0.003 .0014	----	----	----	----	7	UNCH	
2020	----	----	/*0.002A	/*0.002A	----	0.002 -	0.002 .0027	----	----	----	----	3	UNCH	
2025	----	----	/*0.003A	/*0.003A	----	0.002 -	0.003 .0027	----	----	----	----	23	UNCH	
2030	----	----	/*0.002A	/*0.002A	----	0.002 -	0.003 .0028	----	----	----	----	22	UNCH	
2035	----	----	/*0.002A	/*0.002A	----	0.002 -	0.003 .0028	----	----	----	----	5	UNCH	
2040	----	----	/*0.003A	/*0.003A	----	0.002 -	0.003 .0028	----	----	----	----	9	UNCH	
2045	----	----	/*0.003A	/*0.003A	----	0.002 -	0.004 .0029	----	----	1	----	15	UNCH	
2050	0.002	0.002	0.002/*0.002	0.002/*0.002	----	0.002 -	0.004 .0029	----	----	2	----	28	UNCH	
2055	----	----	/*0.003A	/*0.003A	----	0.003 -	0.004 .0042	----	----	----	----	3	UNCH	
2060	----	----	/*0.003A	/*0.003A	----	0.003 -	0.004 .0042	----	----	----	----	3	UNCH	
2065	----	----	/*0.003A	/*0.003A	----	0.003 -	0.004 .0043	----	----	----	----	13	UNCH	
2070	----	----	/*0.004A	/*0.004A	----	0.003 -	0.005 .0044	----	----	----	----	15	UNCH	
2075	----	----	/*0.004A	/*0.004A	----	0.003 -	0.005 .0044	----	----	----	----	107	UNCH	
2080	----	----	/*0.004A	/*0.004A	----	0.004 -	0.005 .0057	----	----	----	----	17	UNCH	
2085	----	----	/*0.004A	/*0.004A	----	0.004 -	0.005 .0058	----	----	----	----	3	UNCH	
2090	0.004	0.004	0.004/*0.004	0.004/*0.004	----	0.004 -	0.006 .0059	----	----	5	----	12	UNCH	
2095	----	----	/*0.004A	/*0.004A	----	0.005 -	0.006 .0072	----	----	2	----	13	-	
2100	----	----	0.012B/*0.005A	0.012B/*0.005A	----	0.005 -	0.006 .0073	----	----	10	----	422	-	
2105	----	----	0.013B/*0.005A	0.013B/*0.005A	----	0.005 -	0.007 .0074	----	----	----	----	104	UNCH	
2110	----	----	0.014B/*0.006A	0.014B/*0.006A	----	0.006 -	0.007 .0088	----	----	----	----	8	UNCH	
2115	----	----	0.016B/*0.006A	0.016B/*0.006A	----	0.006 -	0.008 .0089	----	----	----	----	18	UNCH	
2120	----	----	0.017B/*0.007A	0.017B/*0.007A	----	0.007 -	0.008 .0103	----	----	----	----	33	UNCH	
2125	----	----	0.019B/*0.007A	0.019B/*0.007A	----	0.007 -	0.009 .0104	----	----	----	----	529	UNCH	
2130	----	----	0.021B/*0.008A	0.021B/*0.008A	----	0.008 -	0.009 .0118	----	3	----	----	14	-	
2135	0.011	0.011	0.022B/*0.008A	0.022B/*0.008A	----	0.008 -	0.010 .0120	----	10	----	----	34	UNCH	
2140	0.010	0.010	0.024B/*0.009A	0.024B/*0.009A	----	0.009 -	0.010 .0134	----	2	----	----	30	-	
2145	0.014	0.014	0.027B/*0.010	0.027B/*0.010	----	0.010 -	0.011 .0148	----	2	----	2	24	UNCH	
2150	0.012	0.012	0.029B/*0.010A	0.029B/*0.010A	----	0.011 -	0.011 .0162	----	22	----	----	161	+	
2155	----	----	0.031B/*0.010A	0.031B/*0.010A	----	0.011 -	0.013 .0164	----	----	----	----	64	UNCH	
2160	0.031	0.031	0.034B/*0.012A	0.034B/*0.012A	----	0.012 -	0.013 .0179	----	6	----	----	19	+	
2165	----	----	0.036B/*0.012A	0.036B/*0.012A	----	0.013 -	0.014 .0194	----	----	----	----	5	UNCH	
2170	----	----	0.039B/*0.013A	0.039B/*0.013A	----	0.014 -	0.015 .0209	----	----	----	----	45	UNCH	
2175	0.032	0.032	0.042B/*0.014A	0.042B/*0.014A	----	0.015 -	0.016 .0224	----	205	----	----	349	+	
2180	----	----	0.045B/*0.015A	0.045B/*0.015A	----	0.016 -	0.018 .0239	----	2	----	----	47	UNCH	
2185	----	----	0.049B/*0.017A	0.049B/*0.017A	----	0.018 -	0.018 .0266	----	----	----	----	31	UNCH	
2190	----	----	0.053B/*0.018A	0.053B/*0.018A	----	0.019 -	0.020 .0282	----	----	----	----	30	UNCH	
2195	----	----	0.057B/*0.019A	0.057B/*0.019A	----	0.020 -	0.022 .0299	----	----	----	----	21	UNCH	
2200	0.020	0.020	0.061B/*0.020	0.061B/*0.020	----	0.022 -	0.023 .0326	----	22	----	----	492	-	
2205	----	----	0.066B/*0.022A	0.066B/*0.022A	----	0.024 -	0.024 .0354	----	----	----	----	8	UNCH	
2210	----	----	0.071B/*0.024A	0.071B/*0.024A	----	0.025 -	0.027 .0372	----	1	----	----	33	-	
2215	----	----	0.076B/*0.026A	0.076B/*0.026A	----	0.027 -	0.028 .0400	----	----	----	----	6	UNCH	
2220	0.062	0.062	0.083B/*0.028A	0.083B/*0.028A</										





BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 2023				PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
SO PUT	COMEX SILVER OPTIONS												
FEB23													
2485	----	----	1.314B/*0.758A	1.314B/*0.758A	----	0.805 -	0.265 .6348	----	----	----	----	5	UNCH
2495	----	----	1.400B/*0.825A	1.400B/*0.825A	----	0.873 -	0.275 .6627	----	----	----	----	4	UNCH
2500	----	----	1.488B/*0.861A	1.488B/*0.861A	----	0.908 -	0.279 .6762	----	----	----	----	29	UNCH
2505	----	----	1.486B/*0.895A	1.486B/*0.895A	----	0.944 -	0.283 .6892	----	----	----	----	2	UNCH
2510	----	----	1.530B/*0.930A	1.530B/*0.930A	----	0.980 -	0.287 .7021	----	----	----	----	12	UNCH
2515	----	----	1.575B/*0.967A	1.575B/*0.967A	----	1.017 -	0.291 .7146	----	----	----	----	7	UNCH
2520	----	----	1.619B/*1.004A	1.619B/*1.004A	----	1.054 -	0.296 .7270	----	----	----	----	16	UNCH
2525	----	----	1.708B/*1.042A	1.708B/*1.042A	----	1.092 -	0.299 .7389	----	----	----	----	16	UNCH
2530	----	----	1.710B/*1.079A	1.710B/*1.079A	----	1.131 -	0.302 .7502	----	----	----	----	6	UNCH
2535	----	----	1.756B/*1.118A	1.756B/*1.118A	----	1.170 -	0.306 .7614	----	----	----	----	7	UNCH
2540	----	----	1.802B/*1.157A	1.802B/*1.157A	----	1.210 -	0.309 .7719	----	----	----	----	13	UNCH
2545	----	----	1.814B/*1.196A	1.814B/*1.196A	----	1.250 -	0.312 .7824	----	----	----	----	3	UNCH
2550	----	----	1.935B/*1.237A	1.935B/*1.237A	----	1.290 -	0.316 .7923	----	----	----	----	6	UNCH
2560	----	----	1.836B/*1.331A	1.836B/*1.331A	----	1.373 -	0.321 .8111	----	----	----	----	4	UNCH
2565	----	----	1.867B/1.398A	1.867B/1.398A	----	1.415 -	0.323 .8200	----	----	----	----	8	UNCH
2570	----	----	1.881B/1.439A	1.881B/1.439A	----	1.458 -	0.325 .8290	----	----	----	----	1	UNCH
2575	2.046	2.046	2.169B/1.444A	2.169B/1.444A	----	1.500 -	0.328 .8371	----	----	2	----	6 -	1
2595	----	----	2.113B/1.652A	2.113B/1.652A	----	1.675 -	0.336 .8668	----	----	----	----	1	UNCH
2600	----	----	2.406B/1.661A	2.406B/1.661A	----	1.720 -	0.337 .8731	----	----	----	----	23	UNCH
2625	2.437	2.437	2.638B/1.888A	2.638B/1.888A	----	1.947 -	0.345 .9020	----	----	6	----	10	UNCH
2650	2.626	2.626	2.724B/2.120A	2.724B/2.120A	----	2.179 -	0.351 .9243	----	----	3	----	7 +	3
2675	----	----	2.805B/2.356A	2.805B/2.356A	----	2.417 -	0.354 .9419	----	----	----	----	2	UNCH
2700	----	----	3.059B/2.597A	3.059B/2.597A	----	2.657 -	0.358 .9546	----	----	----	----	8	UNCH
2725	----	----	3.294B/----	3.294B/----	----	2.899 -	0.361 .9645	----	----	----	----	2	UNCH
2750	----	----	3.551B/----	3.551B/----	----	3.144 -	0.362 .9729	----	----	----	----	5	UNCH
2775	----	----	3.788B/----	3.788B/----	----	3.390 -	0.363 .9787	----	----	----	----	1	UNCH
2800	----	----	4.046B/----	4.046B/----	----	3.637 -	0.364 .9831	----	1	----	----	15	UNCH
2825	----	----	4.285B/----	4.285B/----	----	3.884 -	0.366 .9873	----	----	----	----	5	UNCH
2850	----	----	4.544B/----	4.544B/----	----	4.132 -	0.366 .9901	----	----	----	----	8	UNCH
2925	----	----	5.283B/----	5.283B/----	----	4.879 -	0.367 .9946	----	----	----	----	3	UNCH
3000	----	----	6.043B/----	6.043B/----	----	5.628 -	0.368 .9974	----	----	----	----	1	UNCH
3125	----	----	7.283B/----	7.283B/----	----	6.878 -	0.368 .9994	----	----	----	----	4	UNCH
3200	----	----	8.043B/----	8.043B/----	----	7.628 -	0.368 .9999	----	----	----	----	2	UNCH
3400	----	----	10.043B/----	10.043B/----	----	9.628 -	0.368 .0000	----	----	----	----	2	UNCH
TOTAL										1035	0	9289 +	235
MAR23													
775	----	----	----	----	----	0.001	UNCH	----	----	1	----	1 +	1
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 -	0.001 .0000	----	----	----	----	23	UNCH
1150	----	----	----	----	----	0.001 -	0.001 .0000	----	----	----	----	1	UNCH
1175	----	----	----	----	----	0.001 -	0.001 .0000	----	----	----	----	5	UNCH
1200	----	----	----	----	----	0.001 -	0.002 .0000	----	----	----	----	19	UNCH
1225	----	----	----	----	----	0.001 -	0.002 .0000	----	----	----	----	230	UNCH
1250	----	----	----	----	----	0.001 -	0.002 .0001	----	----	----	----	11	UNCH
1300	----	----	----	----	----	0.001 -	0.002 .0002	----	----	----	----	245	UNCH
1325	----	----	----	----	----	0.001 -	0.003 .0003	----	----	----	----	2	UNCH
1350	----	----	----	----	----	0.001 -	0.003 .0004	----	----	----	----	9	UNCH
1375	----	----	----	----	----	0.001 -	0.003 .0006	----	----	----	----	5	UNCH
1400	----	----	----	----	----	0.002 -	0.002 .0012	----	----	----	----	219	UNCH
1425	----	----	----	----	----	0.002 -	0.003 .0013	----	----	----	----	6	UNCH
1450	----	----	----	----	----	0.002 -	0.003 .0013	----	----	----	----	92	UNCH
1475	----	----	----	----	----	0.002 -	0.003 .0014	----	----	----	----	5	UNCH
1500	----	----	----	----	----	0.003 -	0.003 .0020	----	----	----	----	434	UNCH
1525	----	----	----	----	----	0.003 -	0.003 .0021	----	----	----	----	12	UNCH
1550	----	----	----	----	----	0.004 -	0.002 .0027	----	----	----	----	259	UNCH
1575	----	----	----	----	----	0.004 -	0.003 .0028	----	----	----	----	15	UNCH
1600	----	----	----	----	----	0.005 -	0.002 .0035	----	----	----	----	38	UNCH
1625	----	----	----	----	----	0.005 -	0.002 .0036	----	1	----	----	168 +	1
1650	----	----	----	----	----	0.006 -	0.002 .0044	----	----	----	----	60	UNCH
1675	----	----	----	----	----	0.007 -	0.002 .0051	----	----	----	----	15	UNCH
1700	0.011	0.011	0.011/0.011	0.011/0.011	----	0.008 -	0.001 .0059	----	----	20	----	403 +	5
1725	----	----	----	----	----	0.009 -	0.001 .0068	----	----	----	----	36	UNCH
1750	----	----	----	----	----	0.010 -	0.001 .0076	----	----	----	----	133	UNCH
1775	----	----	----	----	----	0.011 -	0.002 .0086	----	----	1	----	5 +	1
1800	----	----	----	----	----	0.013 -	0.002 .0102	----	----	----	----	771	UNCH
1825	----	----	----	----	----	0.015 -	0.002 .0118	----	----	----	----	56	UNCH
1850	----	----	----	----	----	0.017 -	0.003 .0136	----	1	----	----	49	UNCH
1875	0.020	0.020	0.025B/*0.020	0.025B/*0.020	----	0.020 -	0.003 .0161	----	30	----	----	325 -	10
1900	----	----	0.030B/*0.025A	0.030B/*0.025A	----	0.023 -	0.005 .0186	----	1	----	----	187 +	1
1910	----	----	0.033B/*0.027A	0.033B/*0.027A	----	0.025 -	0.005 .0202	----	----	----	----	1	UNCH
1915	----	----	0.034B/*0.027A	0.034B/*0.027A	----	0.026 -	0.005 .0210	----	----	----	----	6	UNCH
1920	----	----	0.035B/*0.028A	0.035B/*0.028A	----	0.026 -	0.006 .0212	----	1	----	----	2	UNCH
1925	0.030	0.030	0.037B/*0.029A	0.037B/*0.029A	----	0.027 -	0.006 .0220	----	4	----	----	51 -	1
1930	----	----	0.038B/*0.030A	0.038B/*0.030A	----	0.028 -	0.006 .0228	----	----	----	----	2	UNCH
1935	----	----	0.040B/*0.031A	0.040B/*0.031A	----	0.029 -	0.006 .0236	----	----	----	----	4	UNCH
1940	----	----	0.041B/*0.032A	0.041B/*0.032A	----	0.030 -	0.007 .0244	----	1	----	----	13 +	1
1945	----	----	0.043B/*0.033A	0.043B/*0.033A	----	0.031 -	0.007 .0252	----	----	----	----	2	UNCH
1950	----	----	0.045B/*0.033A	0.045B/*0.033A	----	0.032 -	0.008 .0260	----	6	----	----	468 +	6
1955	----	----	0.046B/*0.035A	0.046B/*0.035A	----	0.033 -	0.008 .0269	----	----	----	----	18	UNCH
1960	----	----	0.048B/*0.036A	0.048B/*0.036A	----	0.034 -	0.009 .						

	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 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 MAR23	COMEX SILVER OPTIONS													
2260	----	----	0.481B/*0.300A	0.481B/*0.300A	----	0.314 -	0.072 .2105	----	----	----	----	1	UNCH	
2265	0.316	0.316	0.499B/*0.311A	0.499B/*0.311A	----	0.326 -	0.074 .2168	----	----	1	----	19 +	1	
2270	----	----	0.518B/*0.322A	0.518B/*0.322A	----	0.338 -	0.077 .2232	----	----	----	----	10	UNCH	
2275	0.348	0.348	0.536B/*0.328	0.536B/*0.328	----	0.350 -	0.079 .2295	----	6	----	----	146 +	2	
2280	----	----	0.554B/*0.346A	0.554B/*0.346A	----	0.363 -	0.081 .2362	----	----	----	----	68	UNCH	
2285	0.502	0.502	0.572B/*0.357A	0.572B/*0.357A	----	0.376 -	0.084 .2428	----	2	----	----	41 +	2	
2290	----	----	0.593B/*0.370A	0.593B/*0.370A	----	0.389 -	0.087 .2495	----	----	----	----	22	UNCH	
2295	----	----	0.613B/*0.384A	0.613B/*0.384A	----	0.403 -	0.089 .2564	----	----	----	----	13	UNCH	
2300	0.449	0.449	0.633B/*0.397A	0.633B/*0.397A	----	0.417 -	0.092 .2633	----	15	----	182 -	4		
2305	----	----	0.654B/*0.411A	0.654B/*0.411A	----	0.432 -	0.094 .2705	----	----	----	----	2	UNCH	
2310	0.473	0.473	0.675B/*0.426A	0.675B/*0.426A	----	0.447 -	0.097 .2776	----	13	----	8	UNCH		
2315	0.454	0.454	0.697B/*0.440A	0.697B/*0.440A	----	0.462 -	0.100 .2848	----	5	----	9 +	5		
2320	----	----	0.719B/*0.456A	0.719B/*0.456A	----	0.478 -	0.103 .2922	----	1	----	26 -	1		
2325	0.709	0.709	0.742B/*0.471A	0.742B/*0.471A	----	0.494 -	0.106 .2996	----	63	----	64 +	36		
2330	----	----	0.765B/*0.487A	0.765B/*0.487A	----	0.511 -	0.108 .3071	----	1	----	22 +	1		
2335	----	----	0.789B/*0.504A	0.789B/*0.504A	----	0.528 -	0.111 .3147	----	----	----	39	UNCH		
2340	----	----	0.813B/*0.521A	0.813B/*0.521A	----	0.546 -	0.114 .3225	----	2	----	39	UNCH		
2345	----	----	0.839B/*0.538A	0.839B/*0.538A	----	0.564 -	0.117 .3302	----	----	----	10	UNCH		
2350	0.634	0.634	0.863B/*0.556A	0.863B/*0.556A	----	0.583 -	0.119 .3381	----	12	----	186 -	11		
2355	----	----	0.889B/*0.574A	0.889B/*0.574A	----	0.602 -	0.122 .3460	----	1	----	319 +	1		
2360	----	----	0.914B/*0.593A	0.914B/*0.593A	----	0.621 -	0.125 .3538	----	----	----	26	UNCH		
2365	0.836	0.836	0.941B/*0.613A	0.941B/*0.613A	----	0.641 -	0.128 .3618	----	22	----	28 +	12		
2370	0.861	0.861	0.969B/*0.634A	0.969B/*0.634A	----	0.661 -	0.131 .3698	----	5	----	5 +	2		
2375	----	----	0.997B/*0.654A	0.997B/*0.654A	----	0.682 -	0.134 .3779	----	1	----	27 -	1		
2380	0.971	0.971	1.025B/*0.674A	1.025B/*0.674A	----	0.703 -	0.137 .3860	----	1	----	4	UNCH		
2385	0.978	0.978	1.053B/*0.694A	1.053B/*0.694A	----	0.725 -	0.140 .3942	----	3	----	10	UNCH		
2390	0.956	0.956	1.081B/*0.715A	1.081B/*0.715A	----	0.747 -	0.143 .4024	----	6	----	53 -	1		
2395	0.765	0.765	1.109B/*0.737A	1.109B/*0.737A	----	0.770 -	0.145 .4106	----	2	----	27	UNCH		
2400	0.825	0.825	1.141B/*0.755	1.141B/*0.755	----	0.793 -	0.149 .4188	----	162	----	181 +	114		
2405	0.792	0.792	1.169B/*0.782A	1.169B/*0.782A	----	0.816 -	0.152 .4270	----	1	----	5	UNCH		
2410	----	----	1.200B/*0.806A	1.200B/*0.806A	----	0.840 -	0.155 .4353	----	1	----	54	UNCH		
2415	----	----	1.230B/*0.831A	1.230B/*0.831A	----	0.864 -	0.159 .4435	----	----	----	3	UNCH		
2420	0.949	0.949	1.261B/*0.854A	1.261B/*0.854A	----	0.889 -	0.161 .4518	----	4	----	37 +	3		
2425	----	----	1.293B/*0.879A	1.293B/*0.879A	----	0.914 -	0.165 .4600	----	1	----	47 +	1		
2430	1.331	1.331	1.331/*0.894	1.331/*0.894	----	0.940 -	0.168 .4682	----	3	----	4 +	1		
2435	----	----	1.358B/*0.929A	1.358B/*0.929A	----	0.966 -	0.171 .4765	----	----	----	2	UNCH		
2440	0.983	0.983	1.393B/*0.956A	1.393B/*0.956A	----	0.993 -	0.173 .4847	----	8	----	7 -	1		
2445	1.380	1.380	1.426B/*0.980A	1.426B/*0.980A	----	1.019 -	0.177 .4929	----	11	----	11 +	10		
2450	----	----	1.457B/*1.006A	1.457B/*1.006A	----	1.047 -	0.180 .5010	----	1	----	54	UNCH		
2455	----	----	1.494B/*1.034A	1.494B/*1.034A	----	1.075 -	0.182 .5092	----	----	----	9	UNCH		
2460	----	----	1.529B/*1.061A	1.529B/*1.061A	----	1.103 -	0.186 .5172	----	----	----	1	UNCH		
2465	----	----	1.564B/*1.089A	1.564B/*1.089A	----	1.131 -	0.189 .5253	----	----	----	2	UNCH		
2470	----	----	1.599B/*1.120A	1.599B/*1.120A	----	1.160 -	0.192 .5333	----	----	----	1	UNCH		
2475	----	----	1.634B/*1.149A	1.634B/*1.149A	----	1.190 -	0.195 .5413	----	----	----	4	UNCH		
2480	----	----	1.670B/*1.178A	1.670B/*1.178A	----	1.220 -	0.198 .5493	----	----	----	4	UNCH		
2485	----	----	1.706B/*1.207A	1.706B/*1.207A	----	1.250 -	0.201 .5571	----	----	----	3	UNCH		
2490	----	----	1.743B/*1.237A	1.743B/*1.237A	----	1.281 -	0.204 .5649	----	----	----	1	UNCH		
2495	----	----	1.779B/*1.268A	1.779B/*1.268A	----	1.312 -	0.207 .5727	----	----	----	5	UNCH		
2500	----	----	1.813B/*1.296A	1.813B/*1.296A	----	1.343 -	0.210 .5803	----	2	----	37 -	2		
2505	1.791	1.791	1.843B/*1.331A	1.843B/*1.331A	----	1.375 -	0.213 .5880	----	3	----	7 +	3		
2515	----	----	1.917B/*1.391A	1.917B/*1.391A	----	1.440 -	0.219 .6031	----	----	----	2	UNCH		
2520	----	----	1.958B/*1.426A	1.958B/*1.426A	----	1.473 -	0.222 .6105	----	----	----	1	UNCH		
2525	----	----	2.001B/*1.457A	2.001B/*1.457A	----	1.506 -	0.226 .6180	----	----	----	2	UNCH		
2530	----	----	2.035B/*1.490A	2.035B/*1.490A	----	1.540 -	0.228 .6253	----	----	----	4	UNCH		
2535	----	----	2.073B/*1.524A	2.073B/*1.524A	----	1.574 -	0.231 .6323	----	----	----	2	UNCH		
2550	----	----	2.201B/1.627A	2.201B/1.627A	----	1.678 -	0.240 .6536	----	----	----	9	UNCH		
2560	----	----	2.276B/1.698A	2.276B/1.698A	----	1.749 -	0.246 .6672	----	----	----	2	UNCH		
2565	----	----	2.317B/1.734A	2.317B/1.734A	----	1.785 -	0.249 .6740	----	----	----	8	UNCH		
2590	----	----	2.481B/1.922A	2.481B/1.922A	----	1.970 -	0.263 .7061	----	----	----	3	UNCH		
2595	----	----	2.523B/1.959A	2.523B/1.959A	----	2.008 -	0.266 .7123	----	----	----	9	UNCH		
2600	----	----	2.617B/1.996A	2.617B/1.996A	----	2.047 -	0.267 .7184	----	----	----	10	UNCH		
2625	----	----	2.833B/2.189A	2.833B/2.189A	----	2.242 -	0.280 .7472	----	----	----	3	UNCH		
2650	----	----	3.056B/2.390A	3.056B/2.390A	----	2.445 -	0.290 .7738	----	----	----	15	UNCH		
2675	----	----	3.281B/2.597A	3.281B/2.597A	----	2.653 -	0.300 .7979	----	----	----	1	UNCH		
2700	----	----	3.509B/2.810A	3.509B/2.810A	----	2.866 -	0.310 .8199	----	----	----	15	UNCH		
2725	3.555	3.555	3.740B/3.027A	3.740B/3.027A	----	3.084 -	0.317 .8396	----	1	----	0 -	1		
2750	----	----	3.973B/3.249A	3.973B/3.249A	----	3.307 -	0.324 .8572	----	----	----	3	UNCH		
2775	3.677	3.677	4.209B/3.474A	4.209B/3.474A	----	3.533 -	0.329 .8727	----	1	----	4 +	1		
2800	----	----	4.446B/3.703A	4.446B/3.703A	----	3.762 -	0.335 .8866	----	1	----	9 +	1		
2825	----	----	4.686B/3.935A	4.686B/3.935A	----	3.993 -	0.340 .8992	----	----	----	4	UNCH		
2850	4.268	4.268	4.929B/4.169A											



	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 2023				PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETTL.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST		
SO PUT	COMEX SILVER OPTIONS													
APR23														
2100	----	----	0.291B/*0.212A	0.291B/*0.212A	----	0.216 - 0.031	.1163	----	----	----	----	601	UNCH	
2125	----	----	0.337B/*0.244A	0.337B/*0.244A	----	0.249 - 0.036	.1318	----	----	----	----	52	UNCH	
2150	----	----	0.389B/*0.280A	0.389B/*0.280A	----	0.287 - 0.041	.1491	----	----	1	----	104 +	1	
2175	----	----	0.449B/*0.322A	0.449B/*0.322A	----	0.330 - 0.047	.1679	----	----	----	----	7	UNCH	
2180	----	----	0.462B/*0.330A	0.462B/*0.330A	----	0.340 - 0.048	.1721	----	----	----	----	2	UNCH	
2195	----	----	0.502B/*0.359A	0.502B/*0.359A	----	0.369 - 0.052	.1844	----	----	----	----	1	UNCH	
2200	0.430	0.430	0.516B/*0.369A	0.516B/*0.369A	----	0.379 - 0.054	.1886	----	1	----	----	670 -	1	
2205	----	----	0.531B/*0.379A	0.531B/*0.379A	----	0.390 - 0.055	.1930	----	----	----	----	5	UNCH	
2210	----	----	0.545B/*0.390A	0.545B/*0.390A	----	0.401 - 0.056	.1974	----	----	----	----	5	UNCH	
2215	----	----	0.561B/*0.400A	0.561B/*0.400A	----	0.412 - 0.057	.2019	----	----	----	----	1	UNCH	
2220	----	----	0.575B/*0.411A	0.575B/*0.411A	----	0.423 - 0.060	.2063	----	1	----	----	1 +	1	
2225	----	----	0.589B/*0.423A	0.589B/*0.423A	----	0.435 - 0.060	.2110	----	----	----	----	6	UNCH	
2245	0.543	0.543	0.656B/*0.471A	0.656B/*0.471A	----	0.484 - 0.069	.2300	----	6	----	----	6 +	6	
2250	----	----	0.675B/*0.484A	0.675B/*0.484A	----	0.497 - 0.072	.2349	----	----	----	----	37	UNCH	
2260	----	----	0.710B/*0.510A	0.710B/*0.510A	----	0.524 - 0.072	.2450	----	----	----	----	1	UNCH	
2270	----	----	0.746B/*0.538A	0.746B/*0.538A	----	0.553 - 0.075	.2554	----	----	----	----	1	UNCH	
2275	----	----	0.766B/*0.552A	0.766B/*0.552A	----	0.567 - 0.078	.2605	----	----	----	----	3	UNCH	
2280	----	----	0.785B/*0.567A	0.785B/*0.567A	----	0.582 - 0.079	.2658	----	----	----	----	7	UNCH	
2290	----	----	0.826B/*0.596A	0.826B/*0.596A	----	0.613 - 0.083	.2765	----	----	----	----	5	UNCH	
2300	----	----	0.867B/*0.627A	0.867B/*0.627A	----	0.645 - 0.087	.2875	----	15	----	----	214 +	2	
2310	----	----	0.910B/*0.660A	0.910B/*0.660A	----	0.678 - 0.091	.2985	----	----	----	----	3	UNCH	
2315	0.925	0.925	0.935B/*0.676A	0.935B/*0.676A	----	0.695 - 0.091	.3041	----	5	----	----	5 +	5	
2325	----	----	0.980B/*0.713A	0.980B/*0.713A	----	0.731 - 0.097	.3156	----	----	----	----	53	UNCH	
2340	----	----	1.048B/*0.767A	1.048B/*0.767A	----	0.786 - 0.104	.3329	----	----	----	----	1	UNCH	
2345	----	----	1.074B/*0.785A	1.074B/*0.785A	----	0.806 - 0.106	.3388	----	----	----	----	9	UNCH	
2350	----	----	1.099B/*0.804A	1.099B/*0.804A	----	0.825 - 0.108	.3447	----	----	----	----	117	UNCH	
2355	----	----	1.124B/*0.825A	1.124B/*0.825A	----	0.845 - 0.111	.3506	----	----	----	----	2	UNCH	
2360	----	----	1.148B/*0.844A	1.148B/*0.844A	----	0.865 - 0.113	.3565	----	----	----	----	1	UNCH	
2365	----	----	1.172B/*0.865A	1.172B/*0.865A	----	0.886 - 0.115	.3625	----	----	----	----	2	UNCH	
2370	----	----	1.196B/*0.885A	1.196B/*0.885A	----	0.907 - 0.117	.3685	----	----	----	----	2	UNCH	
2375	----	----	1.226B/*0.905A	1.226B/*0.905A	----	0.928 - 0.120	.3745	----	----	----	----	37	UNCH	
2380	----	----	1.253B/*0.927A	1.253B/*0.927A	----	0.950 - 0.122	.3806	----	----	----	----	2	UNCH	
2390	----	----	1.307B/*0.971A	1.307B/*0.971A	----	0.995 - 0.126	.3927	----	----	----	----	1	UNCH	
2395	----	----	1.335B/*0.993A	1.335B/*0.993A	----	1.017 - 0.129	.3988	----	----	----	----	1	UNCH	
2400	----	----	1.363B/*1.016A	1.363B/*1.016A	----	1.040 - 0.132	.4048	----	----	----	----	3	UNCH	
2415	----	----	1.449B/*1.085A	1.449B/*1.085A	----	1.112 - 0.138	.4232	----	----	----	----	1	UNCH	
2425	----	----	1.508B/*1.133A	1.508B/*1.133A	----	1.161 - 0.144	.4354	----	----	----	----	2	UNCH	
2440	----	----	1.596B/*1.208A	1.596B/*1.208A	----	1.238 - 0.151	.4537	----	----	----	----	10	UNCH	
2450	1.346	1.346	1.662B/*1.260A	1.662B/*1.260A	----	1.291 - 0.155	.4659	----	3	----	----	37 +	2	
2455	----	----	1.693B/*1.286A	1.693B/*1.286A	----	1.318 - 0.158	.4719	----	----	----	----	2	UNCH	
2475	----	----	1.823B/*1.395A	1.823B/*1.395A	----	1.429 - 0.167	.4960	----	----	----	----	2	UNCH	
2495	----	----	1.958B/*1.509A	1.958B/*1.509A	----	1.545 - 0.177	.5197	----	----	----	----	6	UNCH	
2500	----	----	1.992B/*1.538A	1.992B/*1.538A	----	1.575 - 0.177	.5255	----	1	----	----	1 +	1	
2525	1.891	1.891	2.168B/1.689A	2.168B/1.689A	----	1.728 - 0.177	.5543	----	1	----	----	1 +	1	
2550	----	----	2.351B/1.848A	2.351B/1.848A	----	1.889 - 0.203	.5822	----	----	----	----	1	UNCH	
2570	2.369	2.369	2.500B/1.980A	2.500B/1.980A	----	2.022 - 0.213	.6038	----	2	----	----	0 -	2	
2575	2.406	2.406	2.533B/2.014A	2.533B/2.014A	----	2.056 - 0.213	.6090	----	1	----	----	1 +	1	
2580	2.501	2.501	2.539B/2.048A	2.539B/2.048A	----	2.090 - 0.218	.6143	----	2	----	----	0 -	2	
2600	----	----	2.726B/2.186A	2.726B/2.186A	----	2.230 - 0.226	.6348	----	----	----	----	1	UNCH	
2675	----	----	3.338B/2.741A	3.338B/2.741A	----	2.788 - 0.256	.7044	----	----	----	----	1	UNCH	
2750	----	----	3.985B/3.341A	3.985B/3.341A	----	3.392 - 0.279	.7626	----	----	----	----	1	UNCH	
2825	----	----	4.656B/3.977A	4.656B/3.977A	----	4.030 - 0.299	.8100	----	----	----	----	2	UNCH	
2850	----	----	4.886B/4.196A	4.886B/4.196A	----	4.249 - 0.304	.8237	----	----	----	----	1	UNCH	
2875	----	----	5.116B/4.417A	5.116B/4.417A	----	4.471 - 0.309	.8364	----	----	----	----	1	UNCH	
2900	----	----	5.348B/4.641A	5.348B/4.641A	----	4.695 - 0.314	.8483	----	----	----	----	1	UNCH	
2925	----	----	5.584B/4.867A	5.584B/4.867A	----	4.921 - 0.318	.8590	----	----	----	----	1	UNCH	
2950	----	----	5.816B/5.095A	5.816B/5.095A	----	5.150 - 0.322	.8693	----	----	----	----	1	UNCH	
3050	----	----	6.772B/6.025A	6.772B/6.025A	----	6.080 - 0.335	.9023	----	----	----	----	2	UNCH	
3125	----	----	7.496B/6.737A	7.496B/6.737A	----	6.792 - 0.343	.9212	----	----	----	----	2	UNCH	
3200	----	----	8.172B/7.458A	8.172B/7.458A	----	7.513 - 0.348	.9363	----	----	----	----	2	UNCH	
3400	----	----	----	----	----	9.465 - 0.359	.9620	----	----	----	----	1	UNCH	
TOTAL										49	0	3871 +	22	
MAY23														
800	----	----	----	----	----	0.001	UNCH	.0000	----	----	----	1	UNCH	
850	----	----	----	----	----	0.001	UNCH	.0001	----	----	----	15	UNCH	
1300	----	----	----	----	----	0.009 + 0.001	.0040	----	----	----	----	233	UNCH	
1325	----	----	----	----	----	0.010 + 0.001	.0044	----	----	----	----	1	UNCH	
1375	----	----	----	----	----	0.013 + 0.001	.0058	----	----	----	----	1	UNCH	
1400	----	----	----	----	----	0.014	UNCH	.0063	----	----	----	1	UNCH	
1475	----	----	----	----	----	0.020 + 0.001	.0092	----	----	----	----	200	UNCH	
1500	----	----	----	----	----	0.022	UNCH	.0102	----	----	----	1000	UNCH	
1525	----	----	----	----	----	0.024	UNCH	.0112	----	----	----	215	UNCH	
1550	----	----	----	----	----	0.027	UNCH	.0127	----	----	----	40	UNCH	
1575	----	----	----	----	----	0.030 - 0.001	.0141	----	----	----	----	19	UNCH	
1600	----	----	----	----	----	0.033 - 0.001	.0157	----	----	----	----	2001	UNCH	
1625	----	----	----	----	----	0.036 - 0.002	.0173	----	----	----	----	102	UNCH	
1650	----	----	----	----	----	0.040 - 0.003	.0193	----	----	----	----	62	UNCH	
1675	----	----	----	----	----	0.045 - 0.003	.0217							

	BULLETIN # 9@			METALS OPTION PRODUCTS							Fri, Jan 13, 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 PUT																
COMEX SILVER OPTIONS																
MAY23																
3375	----	----		9.984B/9.218A	9.984B/9.218A	----			9.272 - 0.345	.9313	----	----	----	----	10	UNCH
3400	----	----		10.172B/9.459A	10.172B/9.459A	----			9.514 - 0.346	.9349	----	----	----	----	12	UNCH
3425	----	----		10.284B/9.702A	10.284B/9.702A	----			9.756 - 0.348	.9382	----	----	----	----	2	UNCH
3500	----	----		----/10.440A	----/10.440A	----			10.487 - 0.352	.9466	----	----	----	----	11	UNCH
TOTAL													14	0	6014 +	6
JUN23																
1600	----	----		0.053B/----	0.053B/----	----			0.052	UNCH	.0217	----	----	----	100	UNCH
1675	----	----		0.080B/----	0.080B/----	----			0.072 - 0.003	.0300	----	----	----	----	1	UNCH
1700	----	----		0.089B/*0.083A	0.089B/*0.083A	----			0.080 - 0.004	.0333	----	----	----	----	3	UNCH
1725	----	----		0.100B/*0.092A	0.100B/*0.092A	----			0.089 - 0.006	.0370	----	----	----	----	2	UNCH
1750	----	----		0.112B/*0.101A	0.112B/*0.101A	----			0.099 - 0.007	.0411	----	----	----	----	1	UNCH
1775	----	----		0.125B/*0.112A	0.125B/*0.112A	----			0.110 - 0.009	.0456	----	----	----	----	3	UNCH
1800	----	----		0.141B/*0.124A	0.141B/*0.124A	----			0.122 - 0.011	.0505	----	----	----	----	6	UNCH
1825	----	----		0.158B/*0.137A	0.158B/*0.137A	----			0.136 - 0.012	.0560	----	----	----	----	3	UNCH
1850	----	----		0.176B/*0.151A	0.176B/*0.151A	----			0.151 - 0.014	.0619	----	----	----	----	2	UNCH
1875	----	----		0.198B/*0.169A	0.198B/*0.169A	----			0.168 - 0.015	.0685	----	----	----	----	2	UNCH
1900	----	----		0.221B/*0.187A	0.221B/*0.187A	----			0.186 - 0.018	.0755	----	----	----	----	5	UNCH
1925	----	----		0.248B/*0.207A	0.248B/*0.207A	----			0.207 - 0.019	.0834	----	----	----	----	1	UNCH
1950	----	----		0.277B/*0.230A	0.277B/*0.230A	----			0.230 - 0.022	.0920	----	----	----	----	57	UNCH
2000	----	----		0.348B/*0.284A	0.348B/*0.284A	----			0.285 - 0.027	.1118	----	----	----	400	416 +	394
2050	----	----		0.434B/*0.350A	0.434B/*0.350A	----			0.353 - 0.034	.1351	----	----	----	----	10	UNCH
2075	0.488	0.488		0.488/*0.388A	0.488/*0.388A	----			0.393	NEW	.1483	----	16	----	16 +	16
2100	----	----		0.539B/*0.431A	0.539B/*0.431A	----			0.437 - 0.042	.1623	----	----	9	----	9 +	8
2175	----	----		0.741B/*0.588A	0.741B/*0.588A	----			0.599 - 0.057	.2106	----	----	----	----	2	UNCH
2200	----	----		0.821B/*0.651A	0.821B/*0.651A	----			0.664 - 0.062	.2285	----	----	----	----	3	UNCH
2225	----	----		0.908B/*0.720A	0.908B/*0.720A	----			0.734 - 0.069	.2473	----	----	----	----	6	UNCH
2250	----	----		1.001B/*0.795A	1.001B/*0.795A	----			0.810 - 0.076	.2668	----	----	----	----	3	UNCH
2300	----	----		1.207B/*0.965A	1.207B/*0.965A	----			0.982	NEW	.3080	----	9	----	9 +	9
2400	----	----		1.704B/*1.383A	1.704B/*1.383A	----			1.405 - 0.124	.3956	----	----	----	----	2	UNCH
2425	----	----		1.845B/*1.509A	1.845B/*1.509A	----			1.527	NEW	.4179	----	25	----	25 +	25
2450	----	----		1.993B/*1.636A	1.993B/*1.636A	----			1.656 - 0.142	.4402	----	----	----	----	1	UNCH
2475	----	----		2.147B/*1.769A	2.147B/*1.769A	----			1.792 - 0.150	.4624	----	----	----	----	2	UNCH
2525	----	----		2.472B/*2.055A	2.472B/*2.055A	----			2.082 - 0.167	.5056	----	----	----	----	3	UNCH
2600	----	----		3.002B/2.529A	3.002B/2.529A	----			2.562 - 0.191	.5666	----	----	----	----	4	UNCH
2650	----	----		3.375B/2.871A	3.375B/2.871A	----			2.907 - 0.207	.6042	----	----	----	----	2	UNCH
2675	3.489	3.489		3.565B/3.049A	3.565B/3.049A	----			3.087 - 0.214	.6220	----	----	1	----	2	UNCH
2700	----	----		3.767B/3.232A	3.767B/3.232A	----			3.271 - 0.220	.6391	----	----	----	----	2	UNCH
2725	----	----		3.966B/3.418A	3.966B/3.418A	----			3.459 - 0.227	.6555	----	----	----	----	2	UNCH
2750	----	----		4.171B/3.609A	4.171B/3.609A	----			3.651 - 0.233	.6712	----	----	----	----	4	UNCH
2800	----	----		4.585B/4.002A	4.585B/4.002A	----			4.044 - 0.246	.7006	----	----	----	----	1	UNCH
2825	----	----		4.799B/4.203A	4.799B/4.203A	----			4.246 - 0.251	.7144	----	----	----	----	2	UNCH
3175	----	----		7.954B/7.252A	7.954B/7.252A	----			7.300 - 0.309	.8502	----	----	----	----	2	UNCH
TOTAL													60	400	714 +	452
JUL23																
725	----	----		----	----	----			0.003	UNCH	.0008	----	----	----	263	UNCH
1050	----	----		----	----	----			0.013 + 0.001	.0041	----	----	----	----	157	UNCH
1100	----	----		----	----	----			0.015 + 0.001	.0049	----	----	----	----	1	UNCH
1200	----	----		----	----	----			0.020 + 0.001	.0068	----	----	----	----	9	UNCH
1400	----	----		----	----	----			0.035	UNCH	.0130	----	----	----	102	UNCH
1500	----	----		----	----	----			0.052 - 0.002	.0195	----	----	----	----	2	UNCH
1525	----	----		----	----	----			0.058 - 0.002	.0217	----	----	----	----	6	UNCH
1550	----	----		----	----	----			0.064 - 0.003	.0239	----	----	----	----	2	UNCH
1600	----	----		----	----	----			0.079 - 0.004	.0294	----	----	----	----	40	UNCH
1625	----	----		----	----	----			0.087 - 0.006	.0324	----	----	----	----	42	UNCH
1650	----	----		----/*0.102A	----/*0.102A	----			0.096 - 0.007	.0358	----	----	----	----	42	UNCH
1675	----	----		0.115B/*0.113A	0.115B/*0.113A	----			0.106 - 0.008	.0394	----	----	----	----	171	UNCH
1700	----	----		0.128B/*0.124A	0.128B/*0.124A	----			0.117 - 0.009	.0434	----	----	----	----	148	UNCH
1725	----	----		0.143B/*0.137A	0.143B/*0.137A	----			0.129 - 0.011	.0478	----	----	----	----	2	UNCH
1750	----	----		0.160B/*0.149A	0.160B/*0.149A	----			0.143 - 0.011	.0527	----	----	----	----	52	UNCH
1800	----	----		0.198B/*0.180A	0.198B/*0.180A	----			0.174 - 0.015	.0636	----	----	----	----	26	UNCH
1825	----	----		0.221B/*0.198A	0.221B/*0.198A	----			0.192 - 0.016	.0698	----	----	----	----	10	UNCH
1850	----	----		0.246B/*0.218A	0.246B/*0.218A	----			0.213 - 0.017	.0768	----	----	----	----	132	UNCH
1875	----	----		0.273B/*0.239A	0.273B/*0.239A	----			0.235 - 0.019	.0842	----	----	----	----	14	UNCH
1900	----	----		0.303B/*0.262A	0.303B/*0.262A	----			0.260 - 0.021	.0923	----	----	----	----	4	UNCH
1950	----	----		0.373B/*0.318A	0.373B/*0.318A	----			0.317 - 0.025	.1104	----	----	----	----	20	UNCH
2000	0.405	0.405		0.458B/*0.384A	0.458B/*0.384A	----			0.386 - 0.031	.1314	----	----	2	----	152	UNCH
2050	----	----		0.560B/*0.465A	0.560B/*0.465A	----			0.469 - 0.038	.1555	----	----	----	----	140	UNCH
2075	----	----		0.618B/*0.511A	0.618B/*0.511A	----			0.517 - 0.042	.1688	----	----	----	----	1	UNCH
2100	----	----		0.683B/*0.562A	0.683B/*0.562A	----			0.569 - 0.047	.1828	----	----	----	----	48	UNCH
2152																



	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 2023		PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
SO PUT	COMEX SILVER OPTIONS											
DEC23												
2100	----	----	1.186B/*1.074A	1.186B/*1.074A	----	1.065 - 0.057	.2174	----	----	----	----	1
2200	----	----	1.551B/*1.397A	1.551B/*1.397A	----	1.392 - 0.073	.2666	----	----	----	----	25
2225	----	----	1.648B/*1.488A	1.648B/*1.488A	----	1.484 - 0.078	.2795	----	----	----	----	20
2275	----	----	1.866B/*1.684A	1.866B/*1.684A	----	1.681 - 0.088	.3059	----	----	----	----	1
2375	----	----	2.357B/*2.133A	2.357B/*2.133A	----	2.127 - 0.108	.3600	----	----	----	----	100
2400	----	----	2.492B/*2.255A	2.492B/*2.255A	----	2.250 - 0.112	.3736	----	----	----	----	8
2425	----	----	2.629B/*2.381A	2.629B/*2.381A	----	2.376 - 0.118	.3873	----	----	----	----	7
2475	----	----	2.917B/*2.645A	2.917B/*2.645A	----	2.642 - 0.127	.4144	----	----	----	----	50
2500	----	----	3.067B/*2.783A	3.067B/*2.783A	----	2.780 - 0.133	.4279	----	----	----	----	7
2525	----	----	3.221B/*2.925A	3.221B/*2.925A	----	2.923 - 0.138	.4413	----	----	----	----	6
3000	----	----	6.707B/6.228A	6.707B/6.228A	----	6.243 - 0.221	.6475	----	----	----	----	13
3275	----	----	9.045B/*8.497A	9.045B/*8.497A	----	8.518 - 0.252	.7270	----	----	----	----	15
TOTAL										10	0	551 +
JUL24												
1800	----	----	----	----	----	0.621 - 0.044	.1173	----	----	----	----	12
TOTAL											0	12
S01 CALL	SILVER OPTIONS											
FEB23												
2390	----	----	0.924B/0.580A	0.924B/0.580A	----	0.967 + 0.202	.6210	----	----	10	----	12 +
2400	----	----	#0.936B/0.540A	#0.936B/0.540A	----	0.908 + 0.193	.5988	----	----	----	----	1
2440	----	----	#0.720B/0.398A	#0.720B/0.398A	----	0.697 + 0.157	.5078	----	----	----	----	7
2445	----	----	#0.696B/0.383A	#0.696B/0.383A	----	0.674 + 0.153	.4964	----	----	----	----	1
2465	0.430	0.430	#0.605B/0.327A	#0.605B/0.327A	----	0.585	NEW .4510	----	6	----	----	6 +
2480	0.416	0.416	#0.543B/0.291A	#0.543B/0.291A	----	0.525	NEW .4178	----	10	----	----	10 +
2485	0.389	0.389	#0.524B/0.280A	#0.524B/0.280A	----	0.506	NEW .4069	----	11	----	----	11 +
2500	0.254	0.254	#0.469B/0.249A	#0.469B/0.249A	----	0.452 + 0.107	.3749	----	10	----	----	8 +
2550	----	----	0.322B/*0.167A	0.322B/*0.167A	----	0.309 + 0.076	.2790	----	----	----	----	200
2575	----	----	0.264B/*0.137A	0.264B/*0.137A	----	0.255 + 0.064	.2382	----	----	----	----	11
2600	0.148	0.148	0.216B/*0.113A	0.216B/*0.113A	----	0.209 + 0.052	.2017	----	2	----	----	2
2625	----	----	0.177B/*0.093A	0.177B/*0.093A	----	0.172 + 0.043	.1704	----	----	----	----	1
2675	----	----	0.119B/*0.066A	0.119B/*0.066A	----	0.117 + 0.029	.1207	----	----	----	----	23
2700	----	----	0.098B/*0.056A	0.098B/*0.056A	----	0.097 + 0.024	.1015	----	----	----	----	23
TOTAL										49	0	316 +
S01 PUT	SILVER OPTIONS											
FEB23												
2125	----	----	0.063B/*0.037A	0.063B/*0.037A	----	0.037 - 0.019	.0403	----	----	----	----	2
2150	----	----	0.084B/*0.047A	0.084B/*0.047A	----	0.048 - 0.024	.0517	----	----	----	----	2
2175	----	----	0.113B/*0.059A	0.113B/*0.059A	----	0.062 - 0.031	.0658	----	----	----	----	2
2255	0.232	0.232	#0.267B/*0.135A	#0.267B/*0.135A	----	0.144	NEW .1402	----	4	----	----	4 +
2275	----	----	0.324B/*0.164A	0.324B/*0.164A	----	0.176 - 0.075	.1665	----	----	----	----	1
2280	0.297	0.297	#0.340B/*0.172A	#0.340B/*0.172A	----	0.184	NEW .1732	----	2	----	----	2 +
2300	0.395	0.395	0.408B/*0.209A	0.408B/*0.209A	----	0.224 - 0.092	.2040	----	110	----	----	400 +
2310	----	----	0.445B/*0.230A	0.445B/*0.230A	----	0.246 - 0.099	.2204	----	----	----	----	14
2315	----	----	0.465B/*0.241A	0.465B/*0.241A	----	0.258 - 0.102	.2291	----	----	----	----	10
2320	----	----	0.486B/*0.253A	0.486B/*0.253A	----	0.270 - 0.107	.2377	----	----	----	----	20
2335	----	----	0.549B/*0.291A	0.549B/*0.291A	----	0.310 - 0.118	.2653	----	----	----	----	7
2365	----	----	0.694B/*0.384A	0.694B/*0.384A	----	0.403 - 0.143	.3250	----	----	----	----	12
2390	----	----	0.834B/*0.474A	0.834B/*0.474A	----	0.496 - 0.165	.3788	----	10	----	----	12 +
2400	----	----	0.894B/*0.515A	0.894B/*0.515A	----	0.537 - 0.174	.4010	----	----	----	----	7
2405	----	----	0.924B/*0.536A	0.924B/*0.536A	----	0.559 - 0.178	.4123	----	----	----	----	3
2450	1.170	1.170	1.224B/*0.751A	1.224B/*0.751A	----	0.778 - 0.219	.5149	----	----	1	----	2
TOTAL										127	0	500 +
S02 CALL	SILVER OPTIONS											
JAN23												
2175	----	----	----	----	----	2.622 + 0.367	----	1	----	----	----	0 -
2225	----	----	----	----	----	2.122 + 0.367	----	2	----	----	----	0 -
2250	----	----	----	----	----	1.872 + 0.367	----	3	----	----	----	0 -
2275	----	----	----	----	----	1.622 + 0.366	----	8	----	----	----	0 -
2300	----	----	----	----	----	1.372 + 0.362	----	1	----	----	----	0 -
2320	----	----	----	----	----	1.172 + 0.354	----	1	----	----	----	0 -
2325	----	----	-----/0.399A	-----/0.399A	----	1.122 + 0.352	----	4	----	----	----	0 -
2330	----	----	-----/0.414A	-----/0.414A	----	1.072 + 0.348	----	1	----	----	----	0 -
2335	----	----	-----/0.374A	-----/0.374A	----	1.022 + 0.344	----	5	----	----	----	0 -
2340	----	----	-----/0.336A	-----/0.336A	----	0.972 + 0.340	----	1	----	----	----	0 -
2345	----	----	-----/0.303A	-----/0.303A	----	0.922 + 0.334	----	2	----	----	----	0 -
2350	----	----	0.592B/*0.207A	0.592B/*0.207A	----	0.872 + 0.328	----	21	----	----	----	0 -
2355	----	----	-----/0.179A	-----/0.179A	----	0.822 + 0.320	----	7	----	----	----	0 -
2360	----	----	-----/0.147A	-----/0.147A	----	0.772 + 0.311	----	7	----	----	----	0 -
2365	----	----	-----/0.122A	-----/0.122A	----	0.722 + 0.301	----	2	----	----	----	0 -
2370	----	----	-----/0.099A	-----/0.099A	----	0.672 + 0.289	----	3	----	----	----	0 -
2375	0.123	0.123	0.474B/*0.082A	0.474B/*0.082A	----	0.622 + 0.276	----	15	----	15	----	0 -
2380	0.090	0.090	0.495B/*0.066A	0.495B/*0.066A	----	0.572 + 0.260	----	13	----	52	----	0 -
2385	----	----	0.449B/*0.051A	0.449B/*0.051A	----	0.522 + 0.243	----	2	----	----	----	0 -
2390	0.139	0.139	0.415/*0.040A	0.415/*0.040A	----	0.472 + 0.223	----	30	----	2	----	0 -
2395	0.155	0.155	0.353B/*0.032A	0.353B/*0.032A	----	0.422 + 0.202	----	78	----	2	----	0 -
2400	0.101	0.101	0.321B/*0.025	0.321B/*0.025	----	0.372 + 0.178	----	55	----	142	----	0 -
2405	0.048	0.048	0.262B/*0.021A	0.262B/*0.021A	----	0.322 + 0.152	----	14	----	8	----	0 -
2410	0.055	0.055	0.218B/*0.017A	0.218B/*0.017A	----	0.272 + 0.124	----	16	----	1	----	0 -
2415	----	----	0.177B/*0.014A	0.177B/*0.014A	----	0.222 + 0.093	----	1	----	2	----	0 -
2420	0.064	0.064	0.137B/*0.012A	0.137B/*0.012A	----	0.172 + 0.061	----	26	----	16	----	0 -
2425	0.065	0.065	0.136B/*0.010	0.136B/*0.010	----	0.122 + 0.026	----	221	----	142	----	0 -
2430	0.008	0.008	0.086B/*0.008	0.086B/*0.008	----	0.072 - 0.010	----	27	----	6	----	0 -
2435	----	----	-----/0.007A	-----/0.007A	----	0.022 - 0.048	----	100	----	----	----	0 -
2440	0.021	0.021	0.021/*0.003	0.021/*0.003	----	0.000 - 0.060	----	----	7	----	----	0 -
2445	0.011	0.011	0.011/*0.003A	0.011/*0.003A	----	0.000 - 0.051	----	----	1	----	----	0
2450	0.013	0.013	0.015/*0.003A	0.015/*0.003A	----	0.000 - 0.043	----	----	23			



	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 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	
S02 PUT	SILVER OPTIONS												
JAN23													
2280	----	----	----	----	----	0.000 - 0.003	----	----	----	----	----	0 -	1
2285	----	----	----	----	----	0.000 - 0.003	----	----	----	----	----	0 -	21
2290	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.004	----	----	----	----	----	0 -	9
2295	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.005	----	----	----	----	----	0 -	14
2300	0.004	0.004	0.004/*0.003A	0.004/*0.003A	----	0.000 - 0.006	----	----	----	1	----	0 -	390
2310	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.009	----	----	----	----	----	0 -	5
2315	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.011	----	----	----	----	----	0 -	8
2320	----	----	----/*0.003A	----/*0.003A	----	0.000 - 0.014	----	----	----	----	----	0 -	1
2325	0.007	0.007	0.017B/*0.003A	0.017B/*0.003A	----	0.000 - 0.016	----	----	----	20	----	0 -	34
2330	0.014	0.014	0.023B/*0.003A	0.023B/*0.003A	----	0.000 - 0.020	----	----	----	5	----	0 -	32
2335	----	----	0.032B/*0.003A	0.032B/*0.003A	----	0.000 - 0.024	----	----	----	----	----	0 -	3
2340	----	----	0.042B/*0.003A	0.042B/*0.003A	----	0.000 - 0.028	----	----	----	----	----	0 -	11
2345	----	----	0.055B/*0.003A	0.055B/*0.003A	----	0.000 - 0.034	----	----	----	----	----	0 -	12
2350	0.040	0.040	0.073/*0.001	0.073/*0.001	----	0.000 - 0.040	----	----	----	22	----	0 -	58
2355	0.007	0.007	0.088B/*0.002	0.088B/*0.002	----	0.000 - 0.048	----	----	----	2	----	0 -	2
2360	0.058	0.058	0.109B/*0.003A	0.109B/*0.003A	----	0.000 - 0.057	----	----	----	2	----	0 -	12
2365	0.130	0.130	0.134B/*0.003A	0.134B/*0.003A	----	0.000 - 0.067	----	----	----	6	----	0 -	7
2370	0.128	0.128	0.165B/*0.003A	0.165B/*0.003A	----	0.000 - 0.079	----	----	----	2	----	0 -	21
2375	0.128	0.128	0.197B/*0.003A	0.197B/*0.003A	----	0.000 - 0.092	----	----	----	2	----	0 -	59
2380	0.134	0.134	0.215B/*0.003A	0.215B/*0.003A	----	0.000 - 0.108	----	----	----	4	----	0 -	13
2385	----	----	0.221B/*0.003A	0.221B/*0.003A	----	0.000 - 0.125	----	----	----	----	----	0 -	4
2390	----	----	0.250B/*0.003A	0.250B/*0.003A	----	0.000 - 0.145	----	----	----	----	----	0 -	52
2395	0.068	0.068	0.295B/*0.003A	0.295B/*0.003A	----	0.000 - 0.166	----	----	----	71	----	0 -	11
2400	0.186	0.186	0.394B/*0.003A	0.394B/*0.003A	----	0.000 - 0.190	----	----	----	16	----	0 -	10
2405	0.020	0.020	0.381B/*0.003	0.381B/*0.003	----	0.000 - 0.216	----	----	----	4	----	0 -	31
2410	----	----	0.400B/*0.003A	0.400B/*0.003A	----	0.000 - 0.244	----	----	----	----	----	0 -	13
2415	0.052	0.052	0.431B/*0.003	0.431B/*0.003	----	0.000 - NEW	----	----	----	4	----	0	UNCH
2420	0.111	0.111	0.446B/*0.003	0.446B/*0.003	----	0.000 - 0.307	----	----	----	12	----	0 -	22
2425	0.076	0.076	0.585B/*0.003A	0.585B/*0.003A	----	0.000 - 0.342	----	----	----	1	----	0 -	6
2430	0.006	0.006	0.444B/*0.003A	0.444B/*0.003A	----	0.000 - 0.378	----	----	----	1	----	0 -	4
2435	----	----	0.456B/*0.003A	0.456B/*0.003A	----	0.000 - 0.416	----	----	----	----	----	0 -	3
2440	----	----	----/*0.022A	----/*0.022A	----	0.028 - 0.428	----	----	----	1	----	0 -	1
2445	----	----	----/*0.116A	----/*0.116A	----	0.078 - 0.419	----	1	----	----	----	0 -	1
2450	0.533	0.533	0.709B/*0.101A	0.709B/*0.101A	----	0.128 - 0.411	----	15	----	5	----	0 -	14
2455	----	----	----/*0.315A	----/*0.315A	----	0.178 - 0.405	----	1	----	----	----	0 -	1
2470	----	----	----	----	----	0.328 - 0.390	----	6	----	----	----	0 -	6
2475	----	----	----/0.682A	----/0.682A	----	0.378 - 0.387	----	2	----	----	----	0 -	2
2480	----	----	----	----	----	0.428 - 0.384	----	3	----	----	----	0 -	3
2485	----	----	----	----	----	0.478 - 0.381	----	20	----	----	----	0 -	20
2500	1.200	1.200	1.200/1.190	1.200/1.190	----	0.628 - 0.376	----	9	----	7	----	0 -	9
2515	----	----	----	----	----	0.778 - 0.373	----	3	----	----	----	0 -	3
2525	----	----	----	----	----	0.878 - 0.371	----	2	----	----	----	0 -	2
2575	----	----	----	----	----	1.378 - 0.369	----	3	----	----	----	0 -	3
2600	----	----	----	----	----	1.628 - 0.369	----	3	----	----	----	0 -	3
TOTAL										188	0	0 -	1246
S03 CALL	SILVER OPTIONS												
JAN23													
2150	----	----	----	----	----	2.874 + 0.365	.9955	----	----	----	----	2	UNCH
2200	----	----	----/1.653A	----/1.653A	----	2.378 + 0.359	.9887	----	----	----	----	1	UNCH
2345	----	----	0.994B/0.483A	0.994B/0.483A	----	1.009 + 0.269	.8513	----	----	----	----	1	UNCH
2350	0.550	0.550	1.011B/0.455A	1.011B/0.455A	----	0.967 + 0.262	.8387	----	----	16	----	6 +	4
2355	----	----	0.909B/0.431A	0.909B/0.431A	----	0.925 + 0.255	.8251	----	----	----	----	2	UNCH
2360	----	----	0.868B/0.405A	0.868B/0.405A	----	0.885 + 0.248	.8105	----	----	----	----	2	UNCH
2375	0.472	0.472	0.809B/0.335A	0.809B/0.335A	----	0.769 + NEW	.7633	----	2	----	----	2 +	2
2380	0.445	0.445	0.709B/0.314A	0.709B/0.314A	----	0.732 + 0.217	.7458	----	2	----	----	7	UNCH
2385	----	----	0.728B/0.292A	0.728B/0.292A	----	0.696 + 0.209	.7275	----	----	----	----	2	UNCH
2390	0.393	0.393	0.691B/0.272A	0.691B/0.272A	----	0.661 + NEW	.7085	----	2	----	----	2 +	2
2395	----	----	0.655B/0.254A	0.655B/0.254A	----	0.627 + 0.193	.6889	----	----	----	----	12	UNCH
2400	0.353	0.353	0.627B/0.236A	0.627B/0.236A	----	0.593 + 0.184	.6687	----	6	----	----	171 +	3
2405	----	----	0.590B/0.219A	0.590B/0.219A	----	0.561 + 0.177	.6484	----	----	----	----	1	UNCH
2410	----	----	0.557B/0.205A	0.557B/0.205A	----	0.530 + 0.169	.6273	----	----	----	----	4	UNCH
2420	----	----	0.500B/*0.178A	0.500B/*0.178A	----	0.471 + 0.154	.5839	----	----	----	----	9	UNCH
2430	0.146	0.146	0.441B/*0.146	0.441B/*0.146	----	0.416 + 0.139	.5395	----	20	----	----	2 +	1
2435	0.373	0.373	0.415B/*0.141A	0.415B/*0.141A	----	0.390 + 0.131	.5171	----	14	----	----	7 +	6
2440	0.144	0.144	0.389B/*0.132A	0.389B/*0.132A	----	0.365 + NEW	.4946	----	1	----	----	1 +	1
2450	0.129	0.129	0.340B/*0.113A	0.340B/*0.113A	----	0.320 + 0.110	.4501	----	55	----	----	308 +	50
2460	0.106	0.106	0.298B/*0.097A	0.298B/*0.097A	----	0.278 + 0.095	.4063	----	10	----	----	10 -	1
2465	----	----	0.277B/*0.091A	0.277B/*0.091A	----	0.259 + 0.089	.3851	----	----	----	----	15	UNCH
2470	----	----	0.258B/*0.084A	0.258B/*0.084A	----	0.241 + 0.082	.3642	----	----	----	----	18	UNCH
2475	0.200	0.200	0.240B/*0.078A	0.240B/*0.078A	----	0.225 + 0.077	.3443	----	334	----	----	292 +	267
2480	0.164	0.164	0.229/*0.073A	0.229/*0.073A	----	0.209 + 0.071	.3246	----	22	----	----	43 +	22
2485	----	----	0.207B/*0.068A	0.207B/*0.068A	----	0.194 + 0.066	.3055	----	----	----	----	4	UNCH
2490	0.091	0.091	0.192B/*0.064A	0.192B/*0.064A	----	0.180 + NEW	.2872	----	1	----	----	1 +	1
2500	0.059	0.059	0.166/*0.055A	0.166/*0.055A	----	0.155 + 0.052	.2528	----	116	----	----	117 +	108
2510	----	----	0.141B/*0.048A	0.141B/*0.048A	----	0.133 + 0.044	.2212	----	----	----	----	6	UNCH
2515	----	----	0.131B/*0.045A	0.131B/*0.045A	----	0.124 + 0.041	.2073	----	----	----	----	10	UNCH
2520	----	----	0.121B/*0.043A	0.121B/*0.043A	----	0.115 + 0.038	.1937	----	----	----	----	13	UNCH
2525	0.040	0.040	0.112B/*0.040	0.112B/*0.040	----	0.106 + 0.034	.1802	----	10	----	----		

	BULLETIN # 9@		METALS OPTION PRODUCTS							Fri, Jan 13, 2023		PG64
	GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL® VOLUME	PNT VOLUME	OPEN INTEREST
S03 PUT JAN23	SILVER OPTIONS											
2450	----	----	0.977B/*0.412A	0.977B/*0.412A	----	0.447 - 0.259	.5498	----	----	----	----	2
2460	----	----	1.005B/*0.465A	1.005B/*0.465A	----	0.506 - 0.272	.5935	----	----	----	----	2
2550	----	----	1.896B/*1.148A	1.896B/*1.148A	----	1.200 - 0.345	.8734	----	----	----	----	1
2575	----	----	2.037B/1.374A	2.037B/1.374A	----	1.427 - 0.353	.9125	----	----	----	----	2
2600	----	----	2.069B/1.606A	2.069B/1.606A	----	1.662 - 0.358	.9391	----	----	----	----	1
2625	----	----	----/1.845A	----/1.845A	----	1.901 - 0.362	.9572	----	----	----	----	2
TOTAL										321	0	629 +
S04 CALL JAN23	SILVER OPTIONS											
2400	----	----	0.782B/0.385A	0.782B/0.385A	----	0.754 + 0.193	.6208	----	----	----	----	1
2425	----	----	0.636B/0.303A	0.636B/0.303A	----	0.613 + 0.165	.5473	----	----	----	----	3
2440	----	----	0.561B/0.261A	0.561B/0.261A	----	0.538 + 0.148	.5025	----	----	----	----	1
2450	----	----	0.512B/0.234A	0.512B/0.234A	----	0.492 + 0.138	.4728	----	----	----	----	18
2460	----	----	0.468B/0.211A	0.468B/0.211A	----	0.449 + 0.128	.4435	----	----	----	----	1
2465	----	----	0.447B/*0.201A	0.447B/*0.201A	----	0.428 + 0.123	.4289	----	----	----	----	9
2470	----	----	0.427B/*0.191A	0.427B/*0.191A	----	0.409 + 0.119	.4147	----	----	----	----	5
2475	----	----	0.407B/*0.181A	0.407B/*0.181A	----	0.390 + 0.114	.4006	----	----	----	----	4
2500	0.262	0.262	0.319B/*0.141A	0.319B/*0.141A	----	0.306 + 0.092	.3332	----	----	1	----	34 -
2510	----	----	0.289B/*0.127A	0.289B/*0.127A	----	0.277 + 0.084	.3081	----	----	----	----	6
2525	----	----	0.250B/*0.107A	0.250B/*0.107A	----	0.238 + 0.073	.2727	----	----	----	----	12
2550	----	----	0.192B/*0.084A	0.192B/*0.084A	----	0.184 + 0.057	.2201	----	----	----	----	15
2600	----	----	0.113B/*0.050A	0.113B/*0.050A	----	0.109 + 0.034	.1391	----	----	----	----	16
2625	----	----	0.087B/*0.040A	0.087B/*0.040A	----	0.084 + 0.026	.1096	----	----	----	----	22
TOTAL										1	0	147 -
S04 PUT JAN23	SILVER OPTIONS											
2025	----	----	----/*0.007A	----/*0.007A	----	0.005 - 0.001	.0062	----	----	----	----	1
2075	----	----	0.068B/*0.029A	0.068B/*0.029A	----	0.007 - 0.004	.0092	----	----	----	----	1
2200	----	----	0.199B/*0.077A	0.199B/*0.077A	----	0.029 - 0.026	.0404	----	----	----	----	31
2275	----	----	0.225B/*0.087A	0.225B/*0.087A	----	0.082 - 0.061	.1070	----	----	----	----	2
2285	----	----	0.239B/*0.093A	0.239B/*0.093A	----	0.095 - 0.067	.1216	----	----	----	----	3
2290	----	----	0.270B/*0.106A	0.270B/*0.106A	----	0.101 - 0.071	.1287	----	----	----	----	1
2300	----	----	0.303B/*0.120A	0.303B/*0.120A	----	0.116 - 0.077	.1450	----	----	----	----	10
2310	----	----	0.339B/*0.137A	0.339B/*0.137A	----	0.133 - 0.084	.1629	----	----	----	----	2
2320	----	----	0.466B/*0.199A	0.466B/*0.199A	----	0.151 - 0.093	.1816	----	----	----	----	2
2350	0.220	0.220	0.651B/*0.303A	0.651B/*0.303A	----	0.219 - 0.119	.2468	----	----	2	----	3 +
2385	----	----	0.741B/*0.357A	0.741B/*0.357A	----	0.326 - 0.157	.3369	----	----	----	----	1
2400	----	----	0.807B/*0.398A	0.807B/*0.398A	----	0.382 - 0.175	.3791	----	----	----	----	4
2410	----	----	2.176B/*1.467A	2.176B/*1.467A	----	0.423 - 0.187	.4081	----	----	----	----	3
2575	1.775	1.775			----	1.518 NEW	.8240	----	----	2	----	2 +
TOTAL										4	0	66 +
SWW WED JAN23	SILVER WEEKLY WEDNESDAY OPTION WEEK											
2150	----	----	----	----	----	0.001 - 0.001	.0001	----	----	----	----	2
2175	----	----	----	----	----	0.001 - 0.002	.0005	----	----	----	----	6
2200	----	----	----	----	----	0.001 - 0.005	.0015	----	----	----	----	24
2225	----	----	----	----	----	2.124 + 0.360	.9949	----	----	----	----	10
2225	----	----	2.130B/1.456A	2.130B/1.456A	----	2.146 + 0.341	.9599	----	----	----	----	2
2245	----	----	0.022B/*0.008A	0.022B/*0.008A	----	0.004 - 0.012	.0071	----	----	----	----	1
2250	----	----	0.106B/*0.037A	0.106B/*0.037A	----	0.039 - 0.038	.0588	----	----	----	----	10
2250	0.006	0.006	0.025B/*0.006	0.025B/*0.006	----	0.005 - 0.013	.0090	----	----	1	----	17 +
2250	----	----	1.962B/1.243A	1.962B/1.243A	----	1.909 + 0.330	.9411	----	----	----	----	2
2250	----	----	----/1.158A	----/1.158A	----	1.876 + 0.355	.9909	----	----	----	----	1
2270	----	----	0.042B/*0.011A	0.042B/*0.011A	----	0.008 - 0.020	.0151	----	----	----	----	8
2275	----	----	0.047B/*0.012A	0.047B/*0.012A	----	0.009 - 0.022	.0172	----	----	----	----	1
2275	----	----	1.380B/0.931A	1.380B/0.931A	----	1.630 + 0.346	.9827	----	----	----	----	3
2280	----	----	0.053B/*0.010A	0.053B/*0.010A	----	0.010 NEW	.0194	----	----	1	----	1 +
2300	0.057	0.057	0.086B/*0.018A	0.086B/*0.018A	----	0.016 - 0.036	.0322	----	----	4	----	21 +
2315	----	----	0.120B/*0.023A	0.120B/*0.023A	----	0.023 - 0.047	.0472	----	----	----	----	1
2320	0.102	0.102	0.134B/*0.025A	0.134B/*0.025A	----	0.025 NEW	.0520	----	----	7	----	7 +
2325	----	----	1.203B/0.534A	1.203B/0.534A	----	1.150 + 0.311	.9414	----	----	----	----	1
2330	----	----	0.164B/*0.029A	0.164B/*0.029A	----	0.032 - 0.063	.0668	----	----	1	----	5
2335	----	----	0.181B/*0.033A	0.181B/*0.033A	----	0.035 NEW	.0738	----	----	5	----	5 +
2340	----	----	0.200B/*0.036A	0.200B/*0.036A	----	0.039 - 0.076	.0826	----	----	----	----	2
2345	----	----	0.220B/*0.040A	0.220B/*0.040A	----	0.044 - 0.083	.0931	----	----	----	----	11
2350	0.056	0.056	0.241B/*0.043A	0.241B/*0.043A	----	0.049 - 0.090	.1039	----	----	22	----	23 +
2350	----	----	0.413B/*0.156A	0.413B/*0.156A	----	0.171 - 0.117	.2217	----	----	----	----	10
2365	----	----	0.772B/0.304A	0.772B/0.304A	----	0.791 + 0.254	.8550	----	----	----	----	1
2370	----	----	0.871B/0.455A	0.871B/0.455A	----	0.894 + 0.227	.7248	----	----	----	----	14
2375	----	----	0.368B/*0.075A	0.368B/*0.075A	----	0.086 - 0.132	.1785	----	----	12	----	13 +
2380	----	----	0.397B/*0.085A	0.397B/*0.085A	----	0.096 - 0.141	.1975	----	----	----	----	1
2385	0.580	0.580	0.662B/0.220A	0.662B/0.220A	----	0.629 + 0.217	.7821	----	----	1	----	1
2390	----	----	0.622B/*0.199A	0.622B/*0.199A	----	0.591 + 0.207	.7596	----	----	----	----	1
2390	----	----	0.628B/*0.267A	0.628B/*0.267A	----	0.288 - 0.163	.3351	----	----	----	----	1
2395	----	----	0.583B/*0.184A	0.583B/*0.184A	----	0.555 + 0.198	.7368	----	----	----	----	1
2395	----	----	0.492B/*0.116A	0.492B/*0.116A	----	0.133 - 0.170	.2631	----	----	----	----	2
2400	0.338	0.338	0.528B/*0.121	0.528B/*0.121	----	0.148 - 0.179	.2877	----	----	16	----	19 +
2400	----	----	0.726B/0.332A	0.726B/0.332A	----	0.696 + 0.192	.6332	----	----	----	----	1
2400	----	----	0.556B/*0.167A	0.556B/*0.167A	----	0.520 + 0.189	.7122	----	----	----	----	7
2415	----	----	0.449B/*0.126A	0.449B/*0.126A	----	0.422 + 0.160	.6329	----	----	----	----	150
2415	----	----	0.571B/*0.178A	0.571B/*0.178A	----	0.200 - 0.208	.3670	----	----	100	----	100 +
2420	----	----	0.417B/*0.115A	0.417B/*0.115A	----	0.392 + 0.150	.6049	----	----	----	----	5
2420	0.301	0.301	0.611B/*0.195A	0.611B/*0.195A	----	0.220 NEW	.3950	----	----	1	----	1 +
2425	----	----	0.389B/*0.105A	0.389B/*0.105A	----	0.363 + 0.140	.5764	----	----	10	----	302
2425	0.203	0.203	0.717B/*0.203	0.717B/*0.203	----	0.241 NEW	.4235	----	----	2	----	2 +
2430	0.360	0.360	0.694B/*0.229	0.694B/*0.229	----	0.264 - 0.237	.4524	----	----	15	----	18 +
2435	----	----	0.736B/*0.256A	0.736B/*0.256A	----	0.288 - 0.247	.4815	----	----	----	----	4
2435	----	----	0.332B/*0.088A	0.332B/*0.088A	----	0.310 + 0.121	.5184	----	----	----	----	7
2440	0.301	0.301	0.780B/*0.271	0.780B/*0.271	----	0.313 NEW	.5107	----	----	3	----	2 +
2445	0.285	0.285	0.285/*0.074A	0.285/*0.074A	----	0.262 NEW	.4602					

PG64	BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64	
	GLOBAL OPEN	OPEN OPEN	OUTCRY RANGE	GLOBAL HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OPEN CLOSE	OUTCRY RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL® VOLUME	PNT VOLUME	OPEN INTEREST	
ECHG OOF 13JAN23			EVENT CONTRACT	COPPER												
415	----	5.00		----	#5.00/*0.50A	----			0.00	UNCH	----	----	1	----	0	
415	----	11.50		----	#19.50B/*6.75A	----			20.00	NEW	.0000	----	6	----	0	
420	----	13.00		----	#18.00B/*1.50A	----			0.00	UNCH	----	----	14	----	0	
TOTAL													21		0	
HMW MON JAN23			COPPER WEEKLY MONDAY OPTION	WEEK4												
355	----			----		----			0.0005	UNCH	.0003	----	----		10	
365	----			----		----			0.0005	-	0.0005	.0021	----		20	
370	----			----		----			0.0005	-	0.0010	.0048	----		10	
375	----			----		----			0.0010	-	0.0005	.0095	----		20	
375	----			----		----			0.4685	+	0.0180	.9743	----		10	
380	----			----		----			0.0015	-	0.0010	.0148	----		84	
380	----			----		----			0.0045	-	0.0015	.0377	----		21	
380	----			----		----			0.4200	+	0.0180	.9620	----		11	
385	----			----		----			0.0020	-	0.0010	.0208	----		21	
385	----			----		----			0.3675	+	0.0180	.9790	----		5	
385	----			----		----			0.0065	-	0.0020	.0541	----		41	
385	----			----		----			0.3720	+	0.0175	.9455	----		7	
390	----			----		----			0.0030	-	0.0015	.0323	----		20	
390	----			----		----			0.3185	+	0.0180	.9675	----		2	
390	----			----		----			0.3250	+	0.0165	.9218	----		5	
395	----			----		----			0.0050	-	0.0020	.0539	----		3	
395	----			----		----			0.2705	+	0.0170	.9458	----		10	
395	----			----		----			0.0145	-	0.0035	.1135	----		10	
400	----			----		----			0.0080	-	0.0035	.0864	----		1	
400	----			----		----			0.2240	+	0.0160	.9133	----		10	
400	----			----		----			0.2365	+	0.0140	.8413	----		11	
405	----			----		----			0.1795	+	0.0140	.8589	----		5	
410	----			----		----			0.1595	+	0.0110	.7107	----		10	
415	0.0500	0.0500		----		----			0.0360	NEW	.3254	----	2		2	
420	----			----		----			0.0825	-	0.0115	.4604	----		10	
420	----			----		----			0.0985	+	0.0080	.5391	----		20	
425	----			----		----			0.0485	+	0.0040	.4190	----		1	
TOTAL													2		380+	
FEB23																
350	----			----		----			0.0030	-	0.0005	.0182	----		0	
360	----			----		----			0.0045	-	0.0010	.0283	----		11	
365	----			----		----			0.0105	-	0.0010	.0561	----		10	
365	----			----		----			0.0060	-	0.0010	.0374	----		5	
370	----			----		----			0.0075	-	0.0015	.0472	----		1	
375	----			----		----			0.0095	-	0.0020	.0600	----		1	
375	----			----		----			0.4745	+	0.0175	.9396	----		3	
380	----			----		----			0.0120	-	0.0030	.0760	----		7	
390	----			----		----			0.0215	-	0.0045	.1297	----		2	
395	----			----		----			0.0415	-	0.0060	.2001	----		12	
395	----			----		----			0.2945	+	0.0145	.8314	----		11	
400	----			----		----			0.0385	-	0.0065	.2135	----		1	
400	----			----		----			0.2540	+	0.0130	.7858	----		2	
405	----			----		----			0.0510	-	0.0080	.2677	----		10	
405	----			----		----			0.2325	+	0.0110	.7056	----		2	
415	----			----		----			0.1515	+	0.0090	.6047	----		20	
420	----			----		----			0.1240	+	0.0075	.5355	----		1	
420	----			----		----			0.1430	+	0.0075	.5344	----		15	
425	0.0750	0.0750		----		----			0.1005	+	0.0060	.4659	----	5	-	
425	----			----		----			0.1195	+	0.0080	.4751	----		15	
435	----			----		----			0.0630	+	0.0040	.3349	----		1	
440	----			----		----			0.0490	+	0.0035	.2779	----		10	
445	----			----		----			0.0380	+	0.0025	.2260	----		8	
455	----			----		----			0.0215	+	0.0020	.1462	----		10	
460	----			----		----			0.0275	+	0.0020	.1518	----		10	
465	----			----		----			0.0135	+	0.0015	.0913	----		7	
TOTAL													5		180-	
HMW WED JAN23			COPPER WEEKLY WEDNESDAY OPTON	WEEK												
350	----			----		----			0.0005	UNCH	----	----	----		1	
365	----			----		----			0.0005	UNCH	.0000	----	----		10	
370	----			----		----			0.0005	-	0.0005	.0001	----		2	
375	----			----		----			0.0005	-	0.0005	.0004	----		11	
385	----			----		----			0.0005	-	0.0010	.0048	----		42	
385	----			----		----			0.3665	+	0.0185	.9951	----		5	
390	----			----		----			0.0010	-	0.0015	.0104	----		42	
390	----			----		----			0.3170	+	0.0185	.9894	----		8	
395	----			----		----			0.0015	-	0.0020	.0175	----	1	-	
400	----			----		----			0.0025	NEW	.0321	----	12		10	
400	----			----		----			0.2185	+	0.0165	.9677	----		3	
405	----			----		----			0.1705	+	0.0140	.9373	----	1	-	
410	----			----		----			0.0095	-	0.0085	.1325	----		1	
415	0.0530	0.0530		----		----			0.0195	-	0.0120	.2568	----	22		35
415	0.0600	0.0600		----		----			0.0460	NEW	.3482	----	2		2	
415	----			----		----			0.0855	+	0.0075	.7430	----		26	
420	----			----		----			0.0370	NEW	.4328	----	2		1	
420	0.0260	0.0260		----		----			0.0530	+	0.0040	.5670	----	2		15
425	----			----		----			0.0300	+	0.0015	.3751	----	1		2
430	----			----		----			0.0155	UNCH	.2147	----	1		1	
435	----			----		----			0.0275	+	0.0025	.2402	----		10	
TOTAL													44		228+	
FEB23																
300	----			----		----			0.0005	UNCH	.0000	----	----		5	
370	----			----		----			0.0040	-	0.0010	.0294	----		10	
375	----			----		----			0.0055	-	0.0010	.0403	----		5	
380	----			----		----			0.0075	-	0.0015	.0548				



9@		METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64	
	OPEN	OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN	OUTCRY HIGH/LOW	OPEN	OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL® VOLUME	PNT VOLUME		OPEN INTEREST
COMEX COPPER OPTIONS															
384	----	----	----	----	----	----	----	0.3800 + 0.0185	.9602	----	----	----	----		37 UNCH
385	----	----	----	----	----	----	----	0.3705 + 0.0185	.9562	----	----	----	----		193 UNCH
386	----	----	----	----	----	----	----	0.3605 + 0.0180	.9552	----	----	----	----		12 UNCH
387	----	----	----	----	----	----	----	0.3510 + 0.0175	.9510	----	----	----	----		37 UNCH
388	----	----	----	----	----	----	----	0.3415 + 0.0175	.9467	----	----	----	----		63 UNCH
389	----	----	----	----	----	----	----	0.3320 + 0.0175	.9455	----	----	----	----		21 UNCH
390	----	----	#0.3240B/0.2460	#0.3240B/0.2460	----	----	----	0.3225 + 0.0175	.9410	----	----	2	----	735 +	2
391	----	----	----	----	----	----	----	0.3130 + 0.0170	.9364	----	----	----	----		61 UNCH
392	----	----	----	----	----	----	----	0.3035 + 0.0170	.9287	----	----	----	----		39 UNCH
393	----	----	----	----	----	----	----	0.2940 + 0.0165	.9239	----	----	----	----		34 UNCH
394	----	----	----	----	----	----	----	0.2850 + 0.0165	.9190	----	----	----	----		25 UNCH
395	----	----	----/0.2035A	----/0.2035A	----	----	----	0.2755 + 0.0160	.9111	----	----	----	----	100	UNCH
396	----	----	----/0.1950A	----/0.1950A	----	----	----	0.2665 + 0.0155	.9031	----	----	2	----	31 -	2
397	0.2010	0.2010	0.2010/0.1870A	0.2010/0.1870A	----	----	----	0.2575 + 0.0155	.8951	----	----	1	----	94	UNCH
398	----	----	----/0.1790A	----/0.1790A	----	----	----	0.2485 + 0.0150	.8869	----	----	2	----	41	UNCH
399	----	----	----/0.1715A	----/0.1715A	----	----	----	0.2400 + 0.0150	.8785	----	----	----	----	41	UNCH
400	----	----	#0.2315B/0.1635	#0.2315B/0.1635	----	----	----	0.2310 + 0.0145	.8675	----	----	3	----	850	UNCH
401	----	----	0.2110B/0.1560A	0.2110B/0.1560A	----	----	----	0.2225 + 0.0145	.8565	----	----	----	----	26	UNCH
402	----	----	0.2080B/0.1485A	0.2080B/0.1485A	----	----	----	0.2140 + 0.0140	.8476	----	----	10	----	138 +	10
403	----	----	#0.2065B/0.1415	#0.2065B/0.1415	----	----	----	0.2055 + 0.0135	.8341	----	----	----	----	97	UNCH
404	----	----	#0.1980B/0.1345	#0.1980B/0.1345	----	----	----	0.1975 + 0.0135	.8226	----	----	----	----	169	UNCH
405	----	----	#0.1900B/0.1280	#0.1900B/0.1280	----	----	----	0.1890 + 0.0130	.8090	----	----	----	----	309	UNCH
406	----	----	#0.1820B/0.1215	#0.1820B/0.1215	----	----	----	0.1810 + 0.0125	.7952	----	----	----	----	157	UNCH
407	0.1305	0.1305	#0.1740B/0.1150	#0.1740B/0.1150	----	----	----	0.1730 + 0.0120	.7812	----	----	4	----	83 -	3
408	----	----	0.1660B/0.1090A	0.1660B/0.1090A	----	----	----	0.1655 + 0.0120	.7671	----	----	----	----	287	UNCH
409	----	----	0.1585B/0.1030A	0.1585B/0.1030A	----	----	----	0.1580 + 0.0115	.7511	----	----	----	----	65	UNCH
410	----	----	0.1515B/0.0975A	0.1515B/0.0975A	----	----	----	0.1505 + 0.0110	.7335	----	----	10	----	309 -	5
411	----	----	0.1440B/0.0920A	0.1440B/0.0920A	----	----	----	0.1435 + 0.0110	.7173	----	----	----	----	11	UNCH
414	----	----	0.1235B/0.0770A	0.1235B/0.0770A	----	----	----	0.1230 + 0.0095	.6626	----	----	----	----	1	UNCH
415	0.0855	0.0855	0.1170B/0.0725A	0.1170B/0.0725A	----	----	----	0.1165 + 0.0090	.6427	----	----	8	----	219	UNCH
416	----	----	0.1105B/0.0680A	0.1105B/0.0680A	----	----	----	0.1105 + 0.0090	.6235	----	----	----	----	150	UNCH
417	----	----	0.1045B/0.0635A	0.1045B/0.0635A	----	----	----	0.1045 + 0.0085	.6036	----	----	----	----	32	UNCH
418	----	----	0.0990B/0.0595A	0.0990B/0.0595A	----	----	----	0.0985 + 0.0080	.5835	----	----	----	----	55	UNCH
419	----	----	0.0930B/0.0560A	0.0930B/0.0560A	----	----	----	0.0930 + 0.0075	.5629	----	----	----	----	12	UNCH
420	0.0735	0.0735	0.0880B/0.0525A	0.0880B/0.0525A	----	----	----	0.0875 + 0.0070	.5423	----	226	200	865 +	4	
421	----	----	0.0825B/0.0490A	0.0825B/0.0490A	----	----	----	0.0825 + 0.0070	.5215	----	----	----	----	12	UNCH
424	0.0490	0.0490	0.0680B/*0.0400	0.0680B/*0.0400	----	----	----	0.0680	NEW .4592	----	10	----	10 +	10	
425	0.0450	0.0450	0.0635B/0.0370A	0.0635B/0.0370A	----	----	----	0.0640 + 0.0060	.4390	----	69	----	2137 +	49	
426	----	----	0.0590B/*0.0345	0.0590B/*0.0345	----	----	----	0.0595 + 0.0050	.4182	----	----	----	----	5	UNCH
428	----	----	0.0515B/*0.0295	0.0515B/*0.0295	----	----	----	0.0520 + 0.0050	.3788	----	----	----	----	15	UNCH
429	0.0330	0.0330	#0.0475B/*0.027	#0.0475B/*0.027	----	----	----	0.0485	NEW .3595	----	10	----	10 +	10	
430	0.0285	0.0285	0.0445B/0.0255A	0.0445B/0.0255A	----	----	----	0.0450 + 0.0040	.3403	----	159	----	971 -	145	
435	----	----	0.0305B/0.0175A	0.0305B/0.0175A	----	----	----	0.0315 + 0.0030	.2556	----	----	----	----	48	UNCH
437	0.0205	0.0205	#0.0265B/*0.015	#0.0265B/*0.015	----	----	----	0.0270	NEW .2253	----	10	----	10 +	10	
440	----	----	0.0210B/0.0115A	0.0210B/0.0115A	----	----	----	0.0215 + 0.0020	.1855	----	----	----	----	100	UNCH
445	----	----	0.0140B/0.0075A	0.0140B/0.0075A	----	----	----	0.0140 + 0.0010	.1285	----	----	----	----	26	UNCH
450	0.0095	0.0095	0.0095/0.0050A	0.0095/0.0050A	----	----	----	0.0095 + 0.0015	.0898	----	3	----	584 +	3	
455	----	----	0.0055B/0.0035A	0.0055B/0.0035A	----	----	----	0.0060 + 0.0010	.0591	----	----	----	----	38	UNCH
460	----	----	0.0035B/0.0025A	0.0035B/0.0025A	----	----	----	0.0040 + 0.0010	.0400	----	----	----	----	30	UNCH
465	----	----	----	----	----	----	----	0.0025 + 0.0005	.0255	----	----	----	----	13	UNCH
470	----	----	----	----	----	----	----	0.0015 + 0.0005	.0156	----	----	----	----	11	UNCH
475	----	----	----	----	----	----	----	0.0010 + 0.0005	.0104	----	----	1	----	31 +	1
480	----	----	----	----	----	----	----	0.0005	UNCH .0054	----	----	----	----	1	UNCH
485	----	----	----	----	----	----	----	0.0005	UNCH .0029	----	----	----	----	1	UNCH
490	----	----	----	----	----	----	----	0.0005	UNCH .0015	----	----	----	----	26	UNCH
495	----	----	----	----	----	----	----	0.0005	UNCH .0007	----	----	----	----	40	UNCH
500	----	----	----	----	----	----	----	0.0005	UNCH .0003	----	----	----	----	4	UNCH
505	----	----	----	----	----	----	----	0.0005	UNCH .0001	----	----	----	----	2	UNCH
510	----	----	----	----	----	----	----	0.0005	UNCH .0000	----	----	----	----	13	UNCH
520	----	----	----	----	----	----	----	0.0005	UNCH .0000	----	----	----	----	1	UNCH
525	----	----	----	----	----	----	----	0.0005	UNCH .0000	----	----	----	----	1	UNCH
530	----	----	----	----	----	----	----	0.0005	UNCH	----	----	----	----	2	UNCH
535	----	----	----	----	----	----	----	0.0005	UNCH	----	----	----	----	1	UNCH
540	----	----	----	----	----	----	----	0.0005	UNCH	----	----	----	----	2	UNCH
555	----	----	----	----	----	----	----	0.0005	UNCH	----	----	----	----	3	UNCH
565	----	----	----	----	----	----	----	0.0005	UNCH	----	----	----	----	3	UNCH
585	----	----	----	----	----	----	----	0.0005	UNCH	----	----	----	----	2	UNCH
675	----	----	----	----	----	----	----	0.0005	UNCH	----	----	----	----	1	UNCH
TOTAL											200	541		10990 -	61
MAR23															
175	----	----	----	----	----	----	----	2.4660 + 0.0195	.0000	----	----	----	----	5	UNCH
200	----	----	----	----	----	----	----	2.2160 + 0.0195	.9999	----	----	----	----	1	UNCH
270	----	----	----	----	----	----	----	1.5160 + 0.0195	.9933	----	----	----	----	2	UNCH
320	----	----	----	----	----	----	----	1.01							

	BULLETIN #		9@	METALS OPTION PRODUCTS							Fri, Jan 13, 2023			PG64	
	LOBEX OPEN	OPEN OPEN	OUTCRY RANGE	LOBEX HIGH/LOW	OPEN HIGH/LOW	OUTCRY CLOSE	OUTCRY RANGE		SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	LOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
HX CALL	COMEX COPPER OPTIONS														
MAR23															
435	0.1005	0.1005		0.1065/0.0825A	0.1065/0.0825A	----			0.1070 + 0.0040	.3900	----	----	6	725	1268 - 368
440	0.0860	0.0860		0.0900B/0.0700A	0.0900B/0.0700A	----			0.0910 + 0.0040	.3459	----	----	60	----	2495 - 39
445	----	----		0.0760B/0.0590A	0.0760B/0.0590A	----			0.0770 + 0.0035	.3045	----	----	----	----	1064 UNCH
450	0.0490	0.0490		0.0635B/0.0480A	0.0635B/0.0480A	----			0.0645 + 0.0030	.2657	----	----	113	1750	6321 + 476
455	0.0495	0.0495		0.0530B/0.0410A	0.0530B/0.0410A	----			0.0540 + 0.0025	.2307	----	----	12	----	19 + 9
460	0.0420	0.0420		0.0440B/0.0330	0.0440B/0.0330	----			0.0450 + 0.0025	.1990	----	----	2	----	949 - 1
465	0.0280	0.0280		0.0360B/0.0275	0.0360B/0.0275	----			0.0375 + 0.0020	.1710	----	----	7	----	458 - 6
470	0.0280	0.0280		0.0295/0.0225	0.0295/0.0225	----			0.0310 + 0.0020	.1458	----	----	110	----	1243 + 89
475	----	----		----/0.0195A	----/0.0195A	----			0.0255 + 0.0015	.1235	----	----	108	1750	2558 + 876
480	----	----		0.0200B/0.0160A	0.0200B/0.0160A	----			0.0210 + 0.0015	.1044	----	----	22	----	839 + 5
485	----	----		0.0165B/0.0135A	0.0165B/0.0135A	----			0.0175 + 0.0015	.0888	----	----	1	----	68 UNCH
490	----	----		0.0135B/0.0110A	0.0135B/0.0110A	----			0.0145 + 0.0015	.0750	----	----	----	----	17 UNCH
495	----	----		0.0110B/0.0090A	0.0110B/0.0090A	----			0.0120 + 0.0015	.0632	----	----	----	----	2 UNCH
500	----	----		----/0.0075A	----/0.0075A	----			0.0095 + 0.0005	.0516	----	----	----	----	113 UNCH
505	----	----		----/0.0065A	----/0.0065A	----			0.0080 + 0.0005	.0439	----	----	----	----	2 UNCH
510	----	----		----/0.0055A	----/0.0055A	----			0.0065 + 0.0005	.0363	----	----	10	----	20 + 10
515	0.0060	0.0060		0.0060/0.0050A	0.0060/0.0050A	----			0.0055 UNCH	.0310	----	----	2	----	3 + 1
520	----	----		----/0.0040A	----/0.0040A	----			0.0045 UNCH	.0257	----	----	----	----	5 UNCH
535	----	----		----	----	----			0.0025 - 0.0005	.0148	----	----	----	----	1 UNCH
540	----	----		----	----	----			0.0025 - 0.0005	.0144	----	----	----	----	8 UNCH
545	----	----		----	----	----			0.0020 NEW	.0117	----	----	2	----	2 + 2
550	----	----		----	----	----			0.0015 - 0.0005	.0090	----	----	----	----	32 UNCH
625	----	----		----	----	----			0.0005 UNCH	.0002	----	----	----	----	3 UNCH
700	----	----		----	----	----			0.0005 UNCH	----	----	----	----	----	30 UNCH
825	----	----		----	----	----			0.0005 UNCH	----	----	----	----	----	1 UNCH
TOTAL												5550	1086		37590 + 63
APR23															
335	----	----		----	----	----			0.8820 + 0.0170	.9467	----	----	----	----	6 UNCH
340	----	----		#0.8375B/0.7585	#0.8375B/0.7585	----			0.8350 + 0.0170	.9374	----	----	----	----	16 UNCH
350	----	----		#0.7445B/0.6685	#0.7445B/0.6685	----			0.7425 + 0.0160	.9157	----	----	----	----	19 UNCH
355	----	----		----	----	----			0.6970 + 0.0150	.9022	----	----	----	----	17 UNCH
365	----	----		----/0.5420A	----/0.5420A	----			0.6095 + 0.0140	.8686	----	----	----	----	56 UNCH
367	----	----		----/0.5260A	----/0.5260A	----			0.5925 + 0.0135	.8607	----	----	----	----	1 UNCH
370	----	----		#0.5680B/0.5015	#0.5680B/0.5015	----			0.5675 + 0.0130	.8479	----	----	----	----	1 UNCH
373	----	----		#0.5415B/0.4790	#0.5415B/0.4790	----			0.5425 + 0.0125	.8350	----	----	----	----	7 UNCH
380	----	----		#0.4870B/0.4260	#0.4870B/0.4260	----			0.4870 + 0.0115	.8010	----	----	----	----	44 UNCH
381	----	----		#0.4790B/0.4190	#0.4790B/0.4190	----			0.4795 + 0.0115	.7960	----	----	----	----	19 UNCH
385	----	----		#0.4490B/0.3910	#0.4490B/0.3910	----			0.4490 + 0.0105	.7743	----	----	----	----	15 UNCH
390	----	----		#0.4120B/0.3575	#0.4120B/0.3575	----			0.4130 + 0.0100	.7451	----	----	----	----	260 UNCH
391	----	----		#0.4055B/0.3510	#0.4055B/0.3510	----			0.4055 + 0.0095	.7389	----	----	----	----	2 UNCH
395	----	----		#0.3775B/0.3260	#0.3775B/0.3260	----			0.3780 + 0.0090	.7142	----	----	----	----	21 UNCH
398	----	----		#0.3580B/0.3085	#0.3580B/0.3085	----			0.3580 + 0.0080	.6947	----	----	----	----	7 UNCH
400	----	----		0.3450B/0.2970A	0.3450B/0.2970A	----			0.3450 + 0.0075	.6815	----	----	16	----	979 UNCH
405	----	----		0.3140B/0.2690A	0.3140B/0.2690A	----			0.3140 + 0.0070	.6476	----	----	----	----	21 UNCH
406	----	----		0.3070B/0.2640A	0.3070B/0.2640A	----			0.3085 + 0.0070	.6406	----	----	----	----	30 UNCH
410	----	----		0.2850B/0.2430A	0.2850B/0.2430A	----			0.2850 + 0.0060	.6126	----	----	----	----	244 UNCH
414	----	----		0.2630B/0.2240A	0.2630B/0.2240A	----			0.2630 + 0.0055	.5840	----	----	----	----	2 UNCH
415	----	----		0.2575B/0.2190A	0.2575B/0.2190A	----			0.2580 + 0.0060	.5768	----	----	----	----	68 UNCH
420	----	----		0.2320B/0.1970A	0.2320B/0.1970A	----			0.2325 + 0.0050	.5407	----	----	----	----	313 UNCH
425	----	----		0.2085B/0.1765A	0.2085B/0.1765A	----			0.2090 + 0.0045	.5046	----	----	16	----	504 - 5
428	----	----		0.1950B/*0.1650	0.1950B/*0.1650	----			0.1960 + 0.0045	.4832	----	----	----	----	13 UNCH
430	0.1690	0.1690		0.1865B/0.1580A	0.1865B/0.1580A	----			0.1875 + 0.0040	.4690	----	----	165	----	726 + 165
435	0.1495	0.1495		0.1670B/0.1410A	0.1670B/0.1410A	----			0.1675 + 0.0035	.4340	----	----	165	----	243 + 38
440	----	----		0.1490B/0.1255A	0.1490B/0.1255A	----			0.1495 + 0.0030	.4002	----	----	----	----	248 UNCH
445	----	----		0.1325B/0.1115A	0.1325B/0.1115A	----			0.1330 + 0.0025	.3675	----	----	----	----	31 UNCH
450	0.1150	0.1150		0.1175B/0.0985A	0.1175B/0.0985A	----			0.1180 + 0.0020	.3363	----	----	3	----	4146 UNCH
455	----	----		0.1045B/0.0875A	0.1045B/0.0875A	----			0.1045 + 0.0020	.3066	----	----	----	----	10 UNCH
460	----	----		0.0920B/0.0770A	0.0920B/0.0770A	----			0.0925 + 0.0015	.2788	----	----	----	----	2072 + 500
465	----	----		0.0815B/0.0680A	0.0815B/0.0680A	----			0.0820 + 0.0015	.2531	----	----	----	----	29 UNCH
470	----	----		0.0720B/0.0600A	0.0720B/0.0600A	----			0.0720 + 0.0010	.2283	----	----	----	----	10 UNCH
475	0.0570	0.0570		0.0635B/0.0525A	0.0635B/0.0525A	----			0.0635 + 0.0010	.2060	----	----	10	----	627 - 10
480	0.0500	0.0500		0.0555B/0.0465A	0.0555B/0.0465A	----			0.0560 + 0.0010	.1855	----	----	10	----	41 UNCH
485	----	----		0.0490B/0.0410A	0.0490B/0.0410A	----			0.0495 + 0.0010	.1670	----	----	----	----	37 UNCH
495	----	----		0.0380B/0.0315A	0.0380B/0.0315A	----			0.0380 + 0.0005	.1335	----	----	----	----	17 UNCH
500	0.0335	0.0335		0.0335/0.0280A	0.0335/0.0280A	----			0.0335 + 0.0005	.1196	----	----	10	----	3335 UNCH
515	----	----		----/0.0190A	----/0.0190A	----			0.0225 UNCH	.0843	----	----	----	----	28 UNCH
520	----	----		0.0200B/0.0170A	0.0200B/0.0170A	----			0.0200 +						

	BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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	
HX CALL	COMEX COPPER OPTIONS														
JUN23															
440	----		----	0.2335B/0.2065A	0.2335B/0.2065A	----		0.2345 + 0.0025	.4465	----	----	----	----	755	UNCH
445	----		----	0.2155B/0.1905A	0.2155B/0.1905A	----		0.2165 + 0.0020	.4222	----	----	14	----	132	UNCH
450	----		----	0.1985B/0.1755A	0.1985B/0.1755A	----		0.2000 + 0.0020	.3987	----	----	17	220	1265 +	220
475	----		----	----/0.1155A	----/0.1155A	----		0.1320 + 0.0005	.2920	----	----	50	----	2657 +	33
480	----		----	----/0.1060A	----/0.1060A	----		0.1210 UNCH	.2730	----	----	250	----	1261 +	250
485	----		----	----/0.0970A	----/0.0970A	----		0.1115 UNCH	.2556	----	----	----	----	1280	UNCH
490	----		----	----/0.0890A	----/0.0890A	----		0.1020 - 0.0005	.2383	----	----	250	----	633 +	244
495	----		----	----/0.0820A	----/0.0820A	----		0.0940 UNCH	.2228	----	----	----	----	8	UNCH
500	0.0830	0.0830		0.0850B/0.0755A	0.0850B/0.0755A	----		0.0860 - 0.0005	.2074	----	65	----	----	1279 +	15
515	----		----	----/0.0585A	----/0.0585A	----		0.0665 - 0.0005	.1674	----	----	----	----	185	UNCH
520	0.0530	0.0530		0.0600B/0.0530	0.0600B/0.0530	----		0.0610 - 0.0005	.1556	----	----	2	----	12 +	2
525	----		----	----/0.0495A	----/0.0495A	----		0.0560 - 0.0005	.1447	----	----	64	----	180 +	50
530	----		----	----/0.0455A	----/0.0455A	----		0.0515 - 0.0005	.1346	----	----	----	----	10	UNCH
535	----		----	----/0.0420A	----/0.0420A	----		0.0475 UNCH	.1254	----	----	----	----	330	UNCH
540	----		----	----/0.0390A	----/0.0390A	----		0.0435 UNCH	.1162	----	----	----	----	213	UNCH
550	----		----	----/0.0330A	----/0.0330A	----		0.0370 UNCH	.1007	----	----	27	220	1483 +	193
555	----		----	----/0.0305A	----/0.0305A	----		0.0340 UNCH	.0934	----	----	----	----	20	UNCH
570	----		----	----/0.0240A	----/0.0240A	----		0.0265 UNCH	.0748	----	----	----	----	11	UNCH
TOTAL											440	739		16079 +	1007
JUL23															
350	----		----	#0.7975B/0.7355	#0.7975B/0.7355	----		0.7990 + 0.0120	.8387	----	----	----	----	30	UNCH
360	----		----	#0.7195B/0.6615	#0.7195B/0.6615	----		0.7215 + 0.0115	.8060	----	----	----	----	5	UNCH
380	----		----	0.5760B/0.5275A	0.5760B/0.5275A	----		0.5780 + 0.0080	.7308	----	----	----	----	26	UNCH
385	----		----	0.5430B/0.4970A	0.5430B/0.4970A	----		0.5450 + 0.0070	.7102	----	----	----	----	4	UNCH
390	----		----	0.5115B/0.4680A	0.5115B/0.4680A	----		0.5135 + 0.0065	.6887	----	----	----	----	11	UNCH
400	----		----	0.4525B/0.4140A	0.4525B/0.4140A	----		0.4545 + 0.0050	.6437	----	----	----	----	90	UNCH
405	----		----	0.4255B/0.3855A	0.4255B/0.3855A	----		0.4270 + 0.0045	.6207	----	----	----	----	20	UNCH
420	----		----	0.3505B/0.3165A	0.3505B/0.3165A	----		0.3530 + 0.0045	.5510	----	----	----	----	20	UNCH
425	----		----	0.3280B/0.2960A	0.3280B/0.2960A	----		0.3305 + 0.0040	.5278	----	----	----	----	230	UNCH
430	----		----	0.3060B/0.2765A	0.3060B/0.2765A	----		0.3090 + 0.0035	.5048	----	----	----	----	23	UNCH
435	----		----	0.2860B/0.2580A	0.2860B/0.2580A	----		0.2885 + 0.0030	.4821	----	----	----	----	12	UNCH
440	----		----	----/0.2405A	----/0.2405A	----		0.2690 + 0.0020	.4597	----	----	----	----	70	UNCH
445	----		----	----/0.2240A	----/0.2240A	----		0.2510 + 0.0020	.4379	----	----	----	----	4	UNCH
450	----		----	----/0.2085A	----/0.2085A	----		0.2340 + 0.0015	.4166	----	----	----	----	95	UNCH
455	----		----	----/0.1940A	----/0.1940A	----		0.2175 + 0.0010	.3955	----	----	----	----	7	UNCH
465	----		----	----/0.1680A	----/0.1680A	----		0.1885 + 0.0005	.3558	----	----	----	----	3	UNCH
470	----		----	----/0.1560A	----/0.1560A	----		0.1755 + 0.0005	.3370	----	----	----	----	3	UNCH
475	----		----	----/0.1450A	----/0.1450A	----		0.1630 UNCH	.3186	----	----	----	----	240	UNCH
480	0.1395	0.1395		0.1490B/0.1345A	0.1490B/0.1345A	----		0.1515 UNCH	.3011	----	----	6	----	10 +	6
490	----		----	----/0.1160A	----/0.1160A	----		0.1305 - 0.0005	.2681	----	----	----	----	1	UNCH
500	----		----	----/0.1000A	----/0.1000A	----		0.1125 - 0.0005	.2381	----	----	----	----	44	UNCH
520	----		----	----/0.0745A	----/0.0745A	----		0.0835 - 0.0005	.1864	----	----	----	----	50	UNCH
530	0.0650	0.0650		0.0650/0.0645A	0.0650/0.0645A	----		0.0720 NEW	.1646	----	----	10	----	10 +	10
535	----		----	----/0.0605A	----/0.0605A	----		0.0670 - 0.0005	.1548	----	----	----	----	65	UNCH
550	----		----	----/0.0490A	----/0.0490A	----		0.0540 - 0.0005	.1284	----	----	----	----	1	UNCH
555	----		----	----/0.0460A	----/0.0460A	----		0.0500 - 0.0005	.1203	----	----	----	----	6	UNCH
560	----		----	----/0.0430A	----/0.0430A	----		0.0465 - 0.0005	.1129	----	----	----	----	10	UNCH
600	----		----	----/0.0255A	----/0.0255A	----		0.0265 - 0.0010	.0684	----	----	----	----	26	UNCH
625	----		----	----/0.0180A	----/0.0180A	----		0.0195 - 0.0005	.0514	----	----	----	----	8	UNCH
650	----		----			----		0.0145 - 0.0005	.0389	----	----	----	----	6	UNCH
700	----		----			----		0.0080 - 0.0005	.0222	----	----	----	----	10	UNCH
725	----		----			----		0.0065 UNCH	.0180	----	----	----	----	30	UNCH
TOTAL												16		1170 +	16
AUG23															
260	----		----	----	----	----		1.6250 + 0.0200	.9718	----	----	----	----	7	UNCH
270	----		----	----/1.4490A	----/1.4490A	----		1.5270 + 0.0195	.9656	----	----	----	----	1	UNCH
350	----		----	#0.8125B/0.7550	#0.8125B/0.7550	----		0.8145 + 0.0115	.8247	----	----	----	----	10	UNCH
400	----		----	0.4780B/0.4430A	0.4780B/0.4430A	----		0.4820 + 0.0055	.6390	----	----	----	----	4	UNCH
405	----		----	0.4515B/0.4130A	0.4515B/0.4130A	----		0.4550 NEW	.6178	----	----	9	----	9 +	9
470	----		----	----/0.1820A	----/0.1820A	----		0.2015 UNCH	.3546	----	----	----	----	1	UNCH
825	----		----			----		0.0045 - 0.0005	.0116	----	----	----	----	9	UNCH
TOTAL												9		41 +	9
SEP23															
475	----		----	----/0.2010A	----/0.2010A	----		0.2165 UNCH	.3553	----	----	----	----	10	UNCH
505	----		----	----/0.1410A	----/0.1410A	----		0.1505 - 0.0010	.2683	----	----	----	----	1	UNCH
515	----		----	----/0.1255A	----/0.1255A	----		0.1335 - 0.0005	.2437	----	----	----	----	5	UNCH
530	----		----	----/*0.1055A	----/*0.1055A	----		0.1110 - 0.0010	.2098	----	----	----	----	300	UNCH
545	----		----	----/*0.0885A	----/*0.0885A	----		0.0925 - 0.0010	.1804	----	----	----	----	10	UNCH
550	----		----	----/*0.0835A	----/*0.0835A	----		0.0870 - 0.0010	.1714	----	----	----	----	20	UNCH
TOTAL														346	
OCT23															
450	----		----	----/*0.2940A	----/*0.2940A	----		0.3135 UNCH	.4487	----	----	----	----	1	UNCH
TOTAL														1	
NOV23															
415	----		----	----/*0.4520A	----/*0.4520A	----		0.4785 NEW	.5773	----					

PG64		BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64	
		GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL® VOLUME	PNT VOLUME	OPEN INTEREST				
HX PUT FEB23		COMEX COPPER OPTIONS															
343	----	----	----	----	----	----	0.0015	UNCH	.0088	----	----	----	11	UNCH			
344	----	----	----	----	----	----	0.0015	UNCH	.0089	----	----	----	26	UNCH			
345	----	----	----	----	----	----	0.0015	UNCH	.0090	----	----	----	195	UNCH			
346	----	----	----	----	----	----	0.0015	UNCH	.0091	----	----	----	30	UNCH			
347	----	----	----	----	----	----	0.0015	UNCH	.0092	----	----	----	40	UNCH			
348	----	----	----	----	----	----	0.0015	UNCH	.0093	----	----	----	391	UNCH			
349	----	----	----	----	----	----	0.0015	UNCH	.0094	----	----	----	64	UNCH			
350	----	----	----	----	----	----	0.0015	UNCH	.0096	----	----	----	1786	UNCH			
351	----	----	----	----	----	----	0.0015	UNCH	.0097	----	----	----	61	UNCH			
352	----	----	----	----	----	----	0.0015	UNCH	.0098	----	----	----	51	UNCH			
353	----	----	----	----	----	----	0.0015	UNCH	.0100	----	----	----	45	UNCH			
354	----	----	----	----	----	----	0.0015	UNCH	.0101	----	----	----	78	UNCH			
355	----	----	----	----	----	----	0.0015	UNCH	.0102	----	----	----	505	UNCH			
356	----	----	----	----	----	----	0.0015	UNCH	.0104	----	----	----	64	UNCH			
357	----	----	----	----	----	----	0.0015	UNCH	.0105	----	----	----	35	UNCH			
358	----	----	----	----	----	----	0.0015	UNCH	.0107	----	----	----	7	UNCH			
359	----	----	----	----	----	----	0.0015	UNCH	.0108	----	----	----	54	UNCH			
360	0.0020	0.0020	0.0020/0.0020	0.0020/0.0020	----	----	0.0015	UNCH	.0110	----	1	----	966	- 1			
361	----	----	----	----	----	----	0.0015	UNCH	.0112	----	----	----	62	UNCH			
362	----	----	----	----	----	----	0.0015	- 0.0005	.0113	----	----	----	231	UNCH			
363	----	----	----	----	----	----	0.0015	- 0.0005	.0115	----	----	----	16	UNCH			
364	----	----	----	----	----	----	0.0015	- 0.0005	.0117	----	----	----	121	UNCH			
365	0.0025	0.0025	0.0025/*0.0025	0.0025/*0.0025	----	----	0.0015	- 0.0005	.0119	----	3	----	566	- 2			
366	0.0025	0.0025	0.0025/*0.0025	0.0025/*0.0025	----	----	0.0015	- 0.0005	.0121	----	5	----	37	- 5			
367	----	----	----	----	----	----	0.0015	- 0.0005	.0123	----	----	----	105	UNCH			
368	----	----	----	----	----	----	0.0015	- 0.0010	.0125	----	----	----	20	UNCH			
369	----	----	----	----	----	----	0.0020	- 0.0005	.0160	----	----	----	85	UNCH			
370	----	----	----	----	----	----	0.0020	- 0.0005	.0163	----	3	----	481	- 1			
371	----	----	----	----	----	----	0.0020	- 0.0005	.0166	----	----	----	15	UNCH			
372	----	----	----	----	----	----	0.0025	- 0.0005	.0201	----	----	----	10	UNCH			
373	----	----	----	----	----	----	0.0025	- 0.0005	.0205	----	----	----	5	UNCH			
374	----	----	----/*0.0030A	----/*0.0030A	----	----	0.0025	- 0.0010	.0209	----	----	----	5	UNCH			
375	0.0030	0.0030	0.0030/*0.0030	0.0030/*0.0030	----	----	0.0025	- 0.0010	.0213	----	1	----	92	UNCH			
376	----	----	0.0040B/*0.0030	0.0040B/*0.0030	----	----	0.0030	- 0.0005	.0249	----	----	----	16	UNCH			
377	----	----	----/*0.0030A	----/*0.0030A	----	----	0.0030	- 0.0010	.0254	----	----	----	14	UNCH			
378	----	----	0.0045B/*0.0030	0.0045B/*0.0030	----	----	0.0030	- 0.0010	.0259	----	----	----	55	UNCH			
379	----	----	0.0050B/*0.0035	0.0050B/*0.0035	----	----	0.0035	- 0.0010	.0297	----	----	----	95	UNCH			
380	0.0060	0.0060	0.0060/*0.0035A	0.0060/*0.0035A	----	----	0.0035	- 0.0010	.0303	----	7	----	364	+ 5			
381	----	----	0.0060B/*0.0035	0.0060B/*0.0035	----	----	0.0035	- 0.0015	.0309	----	----	----	78	UNCH			
382	----	----	0.0065B/*0.0040	0.0065B/*0.0040	----	----	0.0040	- 0.0010	.0349	----	----	----	102	UNCH			
383	----	----	0.0070B/*0.0040	0.0070B/*0.0040	----	----	0.0040	- 0.0015	.0356	----	----	----	211	UNCH			
384	----	----	0.0080B/*0.0045	0.0080B/*0.0045	----	----	0.0045	- 0.0010	.0396	----	----	----	37	UNCH			
385	----	----	0.0085B/*0.0045	0.0085B/*0.0045	----	----	0.0050	- 0.0010	.0437	----	8	----	274	UNCH			
386	----	----	0.0095B/*0.0050	0.0095B/*0.0050	----	----	0.0050	- 0.0015	.0447	----	----	----	54	UNCH			
387	----	----	0.0100B/*0.0050	0.0100B/*0.0050	----	----	0.0055	- 0.0015	.0489	----	----	----	34	UNCH			
388	----	----	0.0110B/*0.0055	0.0110B/*0.0055	----	----	0.0060	- 0.0020	.0532	----	----	----	19	UNCH			
389	----	----	0.0125B/*0.0060	0.0125B/*0.0060	----	----	0.0060	- 0.0025	.0544	----	----	----	23	UNCH			
390	0.0115	0.0115	0.0135B/*0.0065	0.0135B/*0.0065	----	----	0.0065	- 0.0025	.0589	----	2	----	562	- 1			
391	----	----	0.0150B/*0.0070	0.0150B/*0.0070	----	----	0.0070	- 0.0025	.0635	----	----	----	39	UNCH			
392	----	----	0.0160B/*0.0070	0.0160B/*0.0070	----	----	0.0080	- 0.0025	.0712	----	----	----	1	UNCH			
393	----	----	0.0175B/*0.0080	0.0175B/*0.0080	----	----	0.0085	- 0.0030	.0759	----	----	----	17	UNCH			
394	----	----	0.0190B/*0.0085	0.0190B/*0.0085	----	----	0.0090	- 0.0035	.0808	----	----	----	4	UNCH			
395	0.0135	0.0135	0.0210B/*0.0090	0.0210B/*0.0090	----	----	0.0100	- 0.0035	.0888	----	1	----	149	UNCH			
396	----	----	0.0225B/*0.0095	0.0225B/*0.0095	----	----	0.0110	- 0.0035	.0967	----	----	----	39	UNCH			
397	0.0105	0.0105	0.0245B/*0.0105	0.0245B/*0.0105	----	----	0.0120	- 0.0040	.1048	----	109	----	106	+ 85			
398	----	----	0.0265B/*0.0115	0.0265B/*0.0115	----	----	0.0130	- 0.0045	.1130	----	----	----	12	UNCH			
399	0.0245	0.0245	0.0290B/*0.0125	0.0290B/*0.0125	----	----	0.0140	- 0.0045	.1214	----	6	----	14	+ 5			
400	0.0255	0.0255	0.0315B/*0.0135	0.0315B/*0.0135	----	----	0.0155	- 0.0050	.1323	----	468	100	496	+ 342			
401	----	----	0.0340B/*0.0145	0.0340B/*0.0145	----	----	0.0170	- 0.0050	.1434	----	----	----	4	UNCH			
402	----	----	0.0365B/*0.0160	0.0365B/*0.0160	----	----	0.0180	- 0.0055	.1522	----	10	----	85	+ 10			
403	----	----	0.0395B/*0.0175	0.0395B/*0.0175	----	----	0.0200	- 0.0055	.1658	----	----	----	77	UNCH			
404	----	----	0.0425B/*0.0190	0.0425B/*0.0190	----	----	0.0215	- 0.0060	.1772	----	----	----	7	UNCH			
405	0.0275	0.0275	0.0455B/*0.0210	0.0455B/*0.0210	----	----	0.0235	- 0.0060	.1909	----	76	----	265	+ 48			
406	----	----	0.0490B/*0.0225	0.0490B/*0.0225	----	----	0.0255	- 0.0065	.2047	----	----	----	8	UNCH			
407	0.0445	0.0445	0.0525B/*0.0245	0.0525B/*0.0245	----	----	0.0275	- 0.0070	.2186	----	4	----	36	+ 4			
408	----	----	0.0565B/*0.0270	0.0565B/*0.0270	----	----	0.0295	- 0.0075	.2328	----	----	----	23	UNCH			
409	----	----	0.0610B/*0.0295	0.0610B/*0.0295	----	----	0.0320	- 0.0080	.2488	----	----	----	16	UNCH			
410	0.0530	0.0530	0.0655B/*0.0320	0.0655B/*0.0320	----	----	0.0350	- 0.0080	.2664	----	131	75	474	+ 153			
411	0.0400	0.0400	0.0700B/*0.0345	0.0700B/*0.0345	----	----	0.0375	- 0.0090	.2826	----	10	----	22	+ 10			
414	0.0455	0.0455	0.0845B/*0.0440	0.0845B/*0.0440	----	----	0.0470	- 0.0100	.3373	----	2	----	2	- 1			
415	0.0705	0.0705	0.0900B/*0.0480	0.0900B/*0.0480	----	----	0.0510	- 0.0100	.3572	----	18	----	57	+ 4			
416	----	----	0.0955B/*0.0515	0.0955B/*0.0515	----	----	0.0545	- 0.0105	.3763	----	----	----	150	UNCH			
417	----	----	0.1015B/*0.0555	0.1015B/*0.0555	----	----	0.0585	- 0.0110	.3963	----	----	----	27	UNCH			
418	0.0790	0.0790	0.1075B/*0.0595														



BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 2023		PG64
	GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL® VOLUME	PNT VOLUME	OPEN INTEREST		
COMEX COPPER OPTIONS														
HX PUT														
MAR23														
364	0.0175	0.0175	0.0235B/*0.0165	0.0235B/*0.0165	----	0.0165 - 0.0025	.0751	----	----	1	----	5 +		
365	----	----	0.0245B/*0.0175	0.0245B/*0.0175	----	0.0175 - 0.0025	.0790	----	----	10	----	221		
368	----	----	0.0280B/*0.0195	0.0280B/*0.0195	----	0.0195 - 0.0030	.0878	----	----	----	----	110		
369	----	----	0.0290B/*0.0200	0.0290B/*0.0200	----	0.0205 - 0.0030	.0917	----	----	----	----	5		
370	0.0205	0.0205	0.0300B/*0.0200	0.0300B/*0.0200	----	0.0215 - 0.0030	.0957	----	15	----	----	118 +		
371	----	----	0.0315B/*0.0220	0.0315B/*0.0220	----	0.0220 - 0.0040	.0983	----	----	----	----	13		
372	----	----	0.0330B/*0.0225	0.0330B/*0.0225	----	0.0230 - 0.0040	.1023	----	----	----	----	20		
373	----	----	0.0340B/*0.0235	0.0340B/*0.0235	----	0.0240 - 0.0040	.1063	----	----	----	----	11		
374	----	----	0.0355B/*0.0245	0.0355B/*0.0245	----	0.0250 - 0.0040	.1104	----	----	----	----	19		
375	----	----	0.0370B/*0.0255	0.0370B/*0.0255	----	0.0260 - 0.0045	.1145	----	1	----	----	475		
376	----	----	0.0390B/*0.0270	0.0390B/*0.0270	----	0.0275 - 0.0040	.1198	----	----	----	----	18		
377	----	----	0.0405B/*0.0280	0.0405B/*0.0280	----	0.0285 - 0.0045	.1240	----	----	----	----	19		
378	----	----	0.0420B/*0.0290	0.0420B/*0.0290	----	0.0295 - 0.0050	.1282	----	----	----	----	20		
379	----	----	0.0440B/*0.0300	0.0440B/*0.0300	----	0.0310 - 0.0050	.1336	----	----	----	----	145		
380	0.0335	0.0335	0.0460B/*0.0315	0.0460B/*0.0315	----	0.0320 - 0.0050	.1379	----	117	----	----	284 +		
381	----	----	0.0480B/*0.0330	0.0480B/*0.0330	----	0.0335 - 0.0050	.1434	----	----	----	----	123		
382	----	----	0.0500B/*0.0340	0.0500B/*0.0340	----	0.0350 - 0.0055	.1489	----	----	----	----	12		
383	----	----	0.0520B/*0.0355	0.0520B/*0.0355	----	0.0365 - 0.0055	.1544	----	2	----	----	20 +		
384	----	----	0.0540B/*0.0370	0.0540B/*0.0370	----	0.0380 - 0.0055	.1600	----	----	----	----	30		
385	----	----	0.0565B/*0.0385	0.0565B/*0.0385	----	0.0395 - 0.0060	.1656	----	10	----	----	106		
386	0.0545	0.0545	0.0590B/*0.0405	0.0590B/*0.0405	----	0.0415 - 0.0060	.1723	----	4	----	----	87		
387	----	----	0.0615B/*0.0420	0.0615B/*0.0420	----	0.0430 - 0.0065	.1780	----	----	----	----	4		
388	----	----	0.0640B/*0.0435	0.0640B/*0.0435	----	0.0450 - 0.0065	.1848	----	----	----	----	4		
389	0.0615	0.0615	0.0665B/*0.0455	0.0665B/*0.0455	----	0.0470 - 0.0065	.1915	----	4	----	----	13 -		
390	0.0480	0.0480	0.0690B/*0.0475	0.0690B/*0.0475	----	0.0490 - 0.0070	.1983	----	45	----	----	370 -		
391	----	----	0.0725B/*0.0495	0.0725B/*0.0495	----	0.0510 - 0.0070	.2051	----	----	----	----	1		
393	0.0725	0.0725	0.0780B/*0.0540	0.0780B/*0.0540	----	0.0550 - 0.0080	.2188	----	4	----	----	5 +		
394	0.0755	0.0755	0.0810B/*0.0560	0.0810B/*0.0560	----	0.0575 - 0.0080	.2266	----	4	----	----	6		
395	----	----	0.0840B/*0.0585	0.0840B/*0.0585	----	0.0600 - 0.0080	.2344	----	----	----	----	157		
396	0.0815	0.0815	0.0880B/*0.0610	0.0880B/*0.0610	----	0.0625 - 0.0080	.2422	----	4	----	----	20 +		
397	----	----	0.0910B/*0.0635	0.0910B/*0.0635	----	0.0650 - 0.0085	.2500	----	----	----	----	9		
398	----	----	0.0945B/*0.0660	0.0945B/*0.0660	----	0.0675 - 0.0090	.2579	----	----	----	----	2		
399	0.0910	0.0910	0.0985B/*0.0685	0.0985B/*0.0685	----	0.0705 - 0.0090	.2665	----	4	----	----	24 +		
400	0.0850	0.0850	0.1020B/*0.0715	0.1020B/*0.0715	----	0.0735 - 0.0090	.2751	----	4	----	----	13 +		
401	----	----	0.1055B/*0.0745	0.1055B/*0.0745	----	0.0765 - 0.0090	.2837	----	----	----	----	5		
402	----	----	0.1095B/*0.0775	0.1095B/*0.0775	----	0.0795 - 0.0095	.2923	----	----	----	----	2		
403	----	----	0.1135B/*0.0805	0.1135B/*0.0805	----	0.0825 - 0.0100	.3009	----	----	----	----	11		
404	----	----	0.1175B/*0.0840	0.1175B/*0.0840	----	0.0860 - 0.0100	.3101	----	----	----	----	10		
405	----	----	0.1220B/*0.0870	0.1220B/*0.0870	----	0.0895 - 0.0100	.3193	----	----	----	----	11		
408	----	----	0.1355B/*0.0975	0.1355B/*0.0975	----	0.1005 - 0.0105	.3474	----	----	----	----	11		
410	----	----	0.1450B/*0.1055	0.1450B/*0.1055	----	0.1080 - 0.0110	.3663	----	----	----	----	9		
412	----	----	0.1550B/*0.1135	0.1550B/*0.1135	----	0.1165 - 0.0110	.3859	----	----	----	----	20		
415	----	----	0.1710B/*0.1265	0.1710B/*0.1265	----	0.1295 - 0.0120	.4153	----	----	----	----	1		
417	----	----	0.1820B/*0.1355	0.1820B/*0.1355	----	0.1390 - 0.0120	.4352	----	----	----	----	11		
418	----	----	0.1875B/*0.1405	0.1875B/*0.1405	----	0.1435 - 0.0120	.4451	----	----	----	----	16		
419	0.1860	0.1860	0.1935B/*0.1450	0.1935B/*0.1450	----	0.1485 - NEW	.4551	----	14	----	----	14 +		
420	0.1510	0.1510	0.1995B/*0.1500	0.1995B/*0.1500	----	0.1535 - 0.0125	.4650	----	11	100	----	122 +		
421	----	----	0.2055B/*0.1550	0.2055B/*0.1550	----	0.1585 - NEW	.4750	----	2	----	----	2 +		
430	----	----	0.2630B/*0.2055	0.2630B/*0.2055	----	0.2090 - 0.0145	.5633	----	----	----	----	1		
435	0.2585	0.2585	0.2980B/*0.2375	0.2980B/*0.2375	----	0.2405 - NEW	.6098	----	5	----	----	5 +		
437	0.2720	0.2720	#0.3125B/*0.250	#0.3125B/*0.250	----	0.2535 - NEW	.6281	----	1	----	----	1 +		
440	----	----	0.3350B/*0.2705	0.3350B/*0.2705	----	0.2740 - 0.0160	.6539	----	----	----	----	1		
500	----	----	0.8730B/*0.7885	0.8730B/*0.7885	----	0.7915 - 0.0185	.9482	----	----	----	----	1		
TOTAL									289	447		17449 +		
APR23														
225	----	----	----	----	----	0.0010 - UNCH	.0027	----	----	----	----	35		
230	----	----	----	----	----	0.0010 - 0.0005	.0028	----	----	----	----	3		
250	----	----	----	----	----	0.0020 - UNCH	.0057	----	----	----	----	27		
260	----	----	----	----	----	0.0025 - 0.0005	.0073	----	----	----	----	1		
265	----	----	----	----	----	0.0030 - UNCH	.0087	----	----	----	----	3		
270	----	----	----	----	----	0.0030 - 0.0005	.0091	----	----	----	----	15		
275	----	----	----	----	----	0.0035 - 0.0005	.0106	----	----	----	----	4		
280	----	----	----	----	----	0.0040 - 0.0005	.0122	----	1	----	----	12 -		
285	----	----	----	----	----	0.0045 - 0.0005	.0139	----	----	----	----	35		
290	----	----	----	----	----	0.0050 - 0.0005	.0157	----	----	----	----	19		
295	----	----	----	----	----	0.0055 - 0.0005	.0175	----	----	----	----	33		
300	----	----	----	----	----	0.0060 - 0.0005	.0195	----	1	----	----	269		
305	----	----	----	----	----	0.0070 - 0.0005	.0227	----	----	----	----	3		
310	----	----	----	----	----	0.0080 - 0.0005	.0261	----	----	----	----	10		
315	----	----	0.0105B/*0.0095	0.0105B/*0.0095	----	0.0090 - 0.0010	.0297	----	----	----	----	201		
320	----	----	0.0120B/*0.0110	0.0120B/*0.0110	----	0.0105 - 0.0010	.0346	----	----	----	----	33		
325	----	----	0.0145B/*0.0125	0.0145B/*0.0125	----	0.0120 - 0.0015	.0398	----	----	----	----	1285		
330	----	----	0.0170B/*0.0140	0.0170B/*0.0140	----	0.0140 - 0.0020	.0463	----	----	----	----	14		
335	----	----	0.0205B/*0.0165	0.0205B/*0.0165	----	0.0160 - 0.0025	.0531	----	----	----	----	120		
340	----	----	0.0240B/*0.0190	0.0240B/*0.0190	----	0.0190 - 0.0025	.0624	----	----	----	----	30		
345	----	----	0.0285B/*0.0220	0.0285B/*0.0220	----	0.0220 - 0.0035	.0720	----	----	----	----	25		
350	----	----	0.0340B/*0.0255	0.0340B/*0.0255	----	0.0260 - 0.0040	.0841	----	----	----	----	1239		
355	----	----	0.0405B/*0.0300	0.0										

	BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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														
MAY23															
410	----	----		0.2455B/*0.2020	0.2455B/*0.2020	----		0.2055 - 0.0140	.3959	----	----	----	----	15 UNCH	
415	----	----		0.2710B/*0.2250	0.2710B/*0.2250	----		0.2290 - 0.0140	.4261	----	----	----	----	2 UNCH	
435	----	----		0.3895B/*0.3330	0.3895B/*0.3330	----		0.3375 - 0.0160	.5460	----	----	----	----	2 UNCH	
440	----	----		0.4220B/*0.3645	0.4220B/*0.3645	----		0.3680 - 0.0165	.5746	----	----	----	----	1 UNCH	
TOTAL												37		2747 + 20	
JUN23															
250	----	----		----	----	----		0.0065 - 0.0005	.0148	----	----	----	----	1 UNCH	
255	----	----		----	----	----		0.0070 - 0.0010	.0161	----	----	----	----	1 UNCH	
280	----	----		----/*0.0120A	----/*0.0120A	----		0.0115 - 0.0015	.0275	----	----	----	----	10 UNCH	
290	----	----		----/*0.0145A	----/*0.0145A	----		0.0140 - 0.0020	.0340	----	----	----	----	10 UNCH	
295	----	----		----/*0.0165A	----/*0.0165A	----		0.0155 - 0.0025	.0378	----	----	----	----	2 UNCH	
300	----	----		----/*0.0185A	----/*0.0185A	----		0.0175 - 0.0030	.0426	----	----	----	----	28 UNCH	
315	----	----		0.0310B/*0.0260	0.0310B/*0.0260	----		0.0260 - 0.0035	.0620	----	----	----	----	11 UNCH	
320				0.0355B/*0.0295	0.0355B/*0.0295	----		0.0295 - 0.0040	.0699	----	----	----	----	10 UNCH	
325	0.0390	0.0390		0.0410B/*0.0335	0.0410B/*0.0335	----		0.0340 NEW	.0794	----	----	8	----	8 + 8	
330	----	----		0.0465B/*0.0380	0.0465B/*0.0380	----		0.0385 - 0.0045	.0891	----	----	----	----	1 UNCH	
340	----	----		0.0605B/*0.0490	0.0605B/*0.0490	----		0.0500 - 0.0055	.1124	----	----	----	----	7 UNCH	
345	----	----		0.0690B/*0.0555	0.0690B/*0.0555	----		0.0570 - 0.0060	.1260	----	----	----	----	110 UNCH	
350	----	----		0.0785B/*0.0630	0.0785B/*0.0630	----		0.0645 - 0.0065	.1404	----	----	----	----	3 UNCH	
355	----	----		0.0885B/*0.0715	0.0885B/*0.0715	----		0.0735 - 0.0065	.1566	----	----	----	----	2 UNCH	
360	0.0825	0.0825		0.1000B/*0.0795	0.1000B/*0.0795	----		0.0830 - 0.0075	.1735	----	----	55	----	321 + 55	
365	----	----		0.1130B/*0.0915	0.1130B/*0.0915	----		0.0935 - 0.0080	.1916	----	----	----	----	20 UNCH	
370	----	----		0.1265B/*0.1030	0.1265B/*0.1030	----		0.1055 - 0.0085	.2112	----	----	----	----	109 UNCH	
375	----	----		0.1420B/*0.1160	0.1420B/*0.1160	----		0.1185 - 0.0095	.2318	----	----	----	----	4 UNCH	
380	----	----		0.1585B/*0.1300	0.1585B/*0.1300	----		0.1325 - 0.0105	.2533	----	----	----	----	8 UNCH	
385	----	----		0.1760B/*0.1455	0.1760B/*0.1455	----		0.1485 - 0.0105	.2761	----	----	----	----	26 UNCH	
390	----	----		0.1955B/*0.1620	0.1955B/*0.1620	----		0.1655 - 0.0115	.2996	----	----	----	----	94 UNCH	
395	----	----		0.2160B/*0.1805	0.2160B/*0.1805	----		0.1840 - 0.0120	.3239	----	----	----	----	18 UNCH	
400	----	----		0.2380B/*0.2000	0.2380B/*0.2000	----		0.2035 - 0.0130	.3487	----	----	----	----	6 UNCH	
420	----	----		0.3395B/*0.2920	0.3395B/*0.2920	----		0.2965 - 0.0145	.4514	----	----	----	----	24 UNCH	
500	----	----		0.9245B/*0.8525	0.9245B/*0.8525	----		0.8540 - 0.0195	.7922	----	----	----	----	1 UNCH	
530	----	----		1.1930B/*1.1155	1.1930B/*1.1155	----		1.1170 - 0.0195	.8651	----	----	----	----	1 UNCH	
550	----	----		1.3795B/*1.3000	1.3795B/*1.3000	----		1.3015 - 0.0190	.8990	----	----	----	----	1 UNCH	
560	----	----		1.4745B/*1.3940	1.4745B/*1.3940	----		1.3955 - 0.0190	.9134	----	----	----	----	1 UNCH	
570	----	----		1.5705B/*1.4895	1.5705B/*1.4895	----		1.4905 - 0.0195	.9249	----	----	----	----	1 UNCH	
TOTAL												63		839 + 63	
JUL23															
200	----	----		----	----	----		0.0030 - 0.0005	.0060	----	----	----	----	25 UNCH	
235	----	----		----	----	----		0.0070 - 0.0005	.0143	----	----	----	----	23 UNCH	
260	----	----		----	----	----		0.0115 - 0.0010	.0241	----	----	----	----	65 UNCH	
270	----	----		----	----	----		0.0135 - 0.0015	.0289	----	----	----	----	10 UNCH	
295	----	----		----/*0.0245A	----/*0.0245A	----		0.0230 - 0.0030	.0495	----	----	----	----	50 UNCH	
300	----	----		0.0300B/*0.0275	0.0300B/*0.0275	----		0.0260 - 0.0030	.0555	----	----	----	----	1 UNCH	
310	----	----		0.0385B/*0.0340	0.0385B/*0.0340	----		0.0330 - 0.0035	.0695	----	----	----	----	20 UNCH	
315	----	----		0.0435B/*0.0380	0.0435B/*0.0380	----		0.0370 - 0.0045	.0774	----	----	----	----	6 UNCH	
320	----	----		0.0490B/*0.0425	0.0490B/*0.0425	----		0.0420 - 0.0045	.0867	----	----	----	----	1 UNCH	
325	----	----		0.0555B/*0.0475	0.0555B/*0.0475	----		0.0470 - 0.0055	.0961	----	----	----	----	1 UNCH	
330	----	----		0.0625B/*0.0535	0.0625B/*0.0535	----		0.0535 - 0.0055	.1075	----	----	----	----	60 UNCH	
345	----	----		0.0890B/*0.0745	0.0890B/*0.0745	----		0.0760 - 0.0070	.1458	----	----	----	----	65 UNCH	
350	----	----		0.0995B/*0.0835	0.0995B/*0.0835	----		0.0855 - 0.0075	.1609	----	----	----	----	8 UNCH	
360	----	----		0.1245B/*0.1040	0.1245B/*0.1040	----		0.1070 - 0.0080	.1935	----	----	----	----	2 UNCH	
370	----	----		0.1535B/*0.1290	0.1535B/*0.1290	----		0.1320 - 0.0095	.2295	----	----	----	----	300 UNCH	
375	----	----		0.1700B/*0.1435	0.1700B/*0.1435	----		0.1460 - 0.0100	.2487	----	----	----	----	8 UNCH	
380	----	----		0.1870B/*0.1585	0.1870B/*0.1585	----		0.1610 - 0.0110	.2687	----	----	----	----	21 UNCH	
390	----	----		0.2260B/*0.1930	0.2260B/*0.1930	----		0.1945 - 0.0135	.3108	----	----	----	----	502 UNCH	
395	0.2190	0.2190		0.2475B/*0.2120	0.2475B/*0.2120	----		0.2135 - 0.0140	.3330	----	----	2	----	12 + 2	
400	----	----		0.2700B/*0.2325	0.2700B/*0.2325	----		0.2345 - 0.0140	.3558	----	----	----	----	1 UNCH	
405	----	----		0.2940B/*0.2540	0.2940B/*0.2540	----		0.2565 - 0.0140	.3788	----	----	----	----	20 UNCH	
410	----	----		0.3195B/*0.2770	0.3195B/*0.2770	----		0.2795 - 0.0145	.4019	----	----	----	----	1 UNCH	
415	----	----		0.3455B/*0.3010	0.3455B/*0.3010	----		0.3045 - 0.0145	.4252	----	----	----	----	3 UNCH	
420	----	----		0.3730B/*0.3265	0.3730B/*0.3265	----		0.3300 - 0.0145	.4485	----	----	----	----	1 UNCH	
430	----	----		0.4315B/*0.3805	0.4315B/*0.3805	----		0.3845 - 0.0155	.4947	----	----	----	----	7 UNCH	
TOTAL												2		1213 + 2	
AUG23															
255	----	----		----	----	----		0.0125 - 0.0015	.0249	----	----	----	----	10 UNCH	
375	----	----		0.1935B/*0.1680	0.1935B/*0.1680	----		0.1690 - 0.0120	.2600	----	----	----	----	3 UNCH	
390	----	----		0.2520B/*0.2195	0.2520B/*0.2195	----		0.2215 - 0.0140	.3189	----	----	----	----	3 UNCH	
400	----	----		0.2970B/*0.2600	0.2970B/*0.2600	----		0.2625 - 0.0150	.3605	----	----	----	----	1 UNCH	
405	----	----		0.3215B/*0.2820	0.3215B/*0.2820	----		0.2845 NEW	.3817	----	----	9	----	9 + 9	
420	----	----		0.4005B/*0.3550	0.4005B/*0.3550	----		0.3575 - 0.0170	.4461	----	----	----	----	1 UNCH	
TOTAL												9		27 + 9	
SEP23															
275	----	----		----											



PG24 BULLETIN # 9@			METALS OPTION PRODUCTS								Fri, Jan 13, 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		
HXE PUT		COPPER OPTIONS													
JAN23															
355	----	----	----	----	----	0.0005	UNCH	.0000	----	----	----	----	1	UNCH	
360	----	----	----	----	----	0.0000	- 0.0005	----	----	----	----	----	0	- 1	
360	----	----	----	----	----	0.0005	UNCH	.0002	----	----	----	----	1	UNCH	
365	----	----	----	----	----	0.0005	UNCH	.0006	----	----	----	----	1	UNCH	
370	----	----	----	----	----	0.0000	- 0.0005	----	----	----	----	----	0	- 9	
370	----	----	----	----	----	0.0005	- 0.0005	.0018	----	----	----	----	32	UNCH	
375	----	----	----	----	----	0.0000	- 0.0005	----	----	----	----	----	0	- 11	
375	----	----	----	----	----	0.0005	- 0.0010	.0045	----	----	----	----	11	UNCH	
380	----	----	----	----	----	0.0000	- 0.0005	----	----	----	----	----	0	- 114	
380	----	----	----	----	----	0.0010	- 0.0010	.0094	----	----	----	----	32	UNCH	
380	----	----	0.0070B/*0.0045	0.0070B/*0.0045	----	0.0040	- 0.0010	.0338	----	----	----	----	9	UNCH	
385	----	----	----	----	----	0.0000	- 0.0005	----	----	----	----	----	0	- 16	
385	----	----	----	----	----	0.0015	- 0.0010	.0149	----	----	----	----	12	UNCH	
390	----	----	----	----	----	0.0000	- 0.0005	----	----	----	----	----	0	- 82	
390	----	----	0.0045B/*0.0030	0.0045B/*0.0030	----	0.0020	- 0.0015	.0216	----	----	----	----	2	UNCH	
390	----	----	0.0160B/*0.0080	0.0160B/*0.0080	----	0.0080	- 0.0020	.0683	----	----	----	----	2	UNCH	
395	----	----	----	----	----	0.0000	- 0.0010	----	----	----	----	----	0	- 102	
400	----	----	----/*0.0010A	----/*0.0010A	----	0.0000	- 0.0015	----	----	----	1	----	0	- 44	
400	----	----	0.0155B/*0.0060	0.0155B/*0.0060	----	0.0055	- 0.0040	.0637	----	----	----	----	2	UNCH	
405	----	----	----/*0.0010A	----/*0.0010A	----	0.0000	- 0.0020	----	----	----	----	----	0	- 212	
410	----	----	0.0055B/*0.0010	0.0055B/*0.0010	----	0.0000	- 0.0045	----	----	----	----	----	0	- 11	
410	----	----	0.0440B/*0.0170	0.0440B/*0.0170	----	0.0180	- 0.0080	.1947	----	----	----	----	10	UNCH	
415	0.0020	0.0020	0.0275B/*0.0005	0.0275B/*0.0005	----	0.0000	- 0.0120	----	----	----	3	----	0	- 13	
415	0.0340	0.0340	0.0685B/*0.0290	0.0685B/*0.0290	----	0.0310	NEW	.3083	----	----	1	----	1	+ 1	
420	0.0300	0.0300	0.0690B/*0.0005	0.0690B/*0.0005	----	0.0000	NEW	----	----	----	2	----	0	UNCH	
420	0.0795	0.0795	0.1000B/*0.0470	0.1000B/*0.0470	----	0.0500	NEW	.4464	----	----	27	----	22	+ 22	
420	----	----	0.1235B/*0.0745	0.1235B/*0.0745	----	0.0765	- 0.0120	.4589	----	----	----	----	10	UNCH	
430	----	----	0.1795B/*0.1070	0.1795B/*0.1070	----	0.1100	- 0.0175	.7237	----	----	----	----	1	UNCH	
TOTAL												34		149	- 636
FEB23															
375	----	----	0.0125B/*0.0085	0.0125B/*0.0085	----	0.0085	- 0.0015	.0551	----	----	----	----	1	UNCH	
395	----	----	0.0430B/*0.0255	0.0430B/*0.0255	----	0.0260	- 0.0050	.1583	----	----	----	----	1	UNCH	
400	----	----	0.0575B/*0.0345	0.0575B/*0.0345	----	0.0355	- 0.0060	.2055	----	----	----	----	1	UNCH	
425	----	----	0.1815B/*0.1280	0.1815B/*0.1280	----	0.1300	- 0.0135	.5358	----	----	----	----	2	UNCH	
TOTAL															5
ALUMINIUM 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		
AX OPT		ALUMINUM OPTION													
FEB23															
22500C	----	----	----	----	----	1.25	- 1.50	----	----	----	----	----	2	UNCH	
23000C	----	----	----/*3.50A	----/*3.50A	----	2.00	- 2.75	----	----	----	----	----	12	UNCH	
23750C	----	----	#270.50B/210.00	#270.50B/210.00A	----	257.50	+ 44.25	----	----	----	----	----	2	UNCH	
24000C	----	----	----/*7.25A	----/*7.25A	----	6.50	- 6.50	----	----	----	----	----	5	UNCH	
24000C	----	----	#247.00B/188.00	#247.00B/188.00A	----	234.25	+ 43.00	----	----	----	----	----	5	UNCH	
25500C	----	----	119.50B/76.00A	119.50B/76.00A	----	111.75	+ 29.25	----	----	----	----	----	10	UNCH	
25750C	----	----	----/*39.25A	----/*39.25A	----	42.75	- 23.25	----	----	----	----	----	2	UNCH	
26000C	----	----	86.00B/52.00A	86.00B/52.00A	----	81.50	+ 23.25	----	----	----	----	----	50	UNCH	
26500C	----	----	59.75B/34.75A	59.75B/34.75A	----	57.75	+ 17.50	----	----	----	----	----	100	UNCH	
27000C	----	----	39.75B/22.75A	39.75B/22.75A	----	40.25	+ 13.00	----	----	----	----	----	50	UNCH	
28000C	----	----	16.00B/10.00A	16.00B/10.00A	----	18.75	+ 6.25	----	----	----	----	----	51	UNCH	
28250C	----	----	12.25B/8.25A	12.25B/8.25A	----	15.50	+ 5.25	----	----	----	----	----	102	UNCH	
28500C	----	----	9.50B/6.75A	9.50B/6.75A	----	12.75	+ 4.25	----	----	----	----	----	51	UNCH	
TOTAL													0	442	0
MAR23															
22250C	----	----	----/*11.00A	----/*11.00A	----	9.50	- 4.50	----	----	----	----	----	2	UNCH	
23250C	----	----	----/*20.25A	----/*20.25A	----	18.75	- 7.75	----	----	----	----	----	2	UNCH	
27500C	----	----	71.50B/52.25A	71.50B/52.25A	----	71.00	+ 16.00	----	----	----	----	----	1	UNCH	
30500C	----	----	17.75B/13.75A	17.75B/13.75A	----	19.75	+ 5.00	----	----	----	----	----	2	UNCH	
TOTAL													0	7	0
PLATINUM 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		
PAO CALL		NYMEX PALLADIUM OPTIONS													
FEB23															
1900	----	----	----	----	----	7.20	- 2.50	.1209	----	----	----	----	1	UNCH	
2000	----	----	----	----	----	1.20	- 0.80	.0194	----	----	----	----	89	UNCH	
TOTAL														90	0
JUN23															
1850	----	----	----	----	----	163.80	- 3.70	.5100	----	----	----	----	1	UNCH	
1950	----	----	----	----	----	126.90	NEW	.4280	----	----	----	125	125 +	125	
2100	----	----	----	----	----	86.80	NEW	.3217	----	----	----	250	250 +	250	
2250	----	----	----	----	----	60.30	NEW	.2392	----	----	----	125	125 +	125	
TOTAL												500		501	+ 500
PAO PUT		NYMEX PALLADIUM OPTIONS													
FEB23															
1720	----	----	----	----	----	13.50	- 2.20	.2125	----	----	----	----	1	UNCH	
1800	----	----	----	----	----	44.80	- 1.60	.5482	----	----	----	----	1	UNCH	
TOTAL														2	0
SEP23															
1795	----	----	----	----	----	229.70	+ 1.70	.4223	----	----	----	----	1	UNCH	
TOTAL														1	0
PO CALL		PLATINUM OPTIONS													
FEB23															
1005	----	----	----	----	----	68.00	- 11.50	.9779	----	----	----	----	2	UNCH	
1050	26.00	26.00	26.00/26.00	26.00/26.00	----	28.60	- 9.40	.7533	----	----	25	----	21	- 6	
1080	----	----	----	----	----	11.60	- 7.00	.4200	----	----	----	----	2	UNCH	
1100	----	----	----/*6.50A	----/*6.50A	----	5.60	- 4.70	.2262	----	----	----	----	50	UNCH	
1105	----	----	----	----	----	4.50	- 4.20	.1868	----	----	----	----	3	UNCH	
1110	----	----	----	----	----	3.70	- 3.60	.1550	----	----	----	----	1	UNCH	
1115	----	----	----	----	----	2.90	- 3.20	.1241	----	----	----	----	1	UNCH	
1120	----	----	----	----	----	2.30	- 2.80	.0994	----	----	----	----	1	UNCH	
1125	----	----	----	----	----	1.90	- 2.30	.0815	----	----	----	----	2	UNCH	
1130	----	----	----	----	----	1.50	- 1.90	.0645	----	----	----	----	3	UNCH	
1135															

PRELIMINARY

PG64	BULLETIN # 9@		METALS OPTION PRODUCTS										Fri, Jan 13, 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			
PO CALL	PLATINUM OPTIONS														
JUL23															
1040	----	----	----	----	----	100.00 - 6.80	.6159	----	----	----	----	2	UNCH		
1100	----	----	----/68.50A	----/68.50A	----	71.20 - 5.60	.4969	----	----	----	----	11	UNCH		
TOTAL												13	0		
OCT23															
1400	----	----	----	----	----	21.70 - 2.10	.1708	----	----	----	----	225	UNCH		
TOTAL												225	0		
PO PUT	PLATINUM OPTIONS														
FEB23															
930	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	1	UNCH		
935	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	1	UNCH		
940	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	1	UNCH		
950	----	----	----	----	----	0.10 UNCH	.0000	----	----	----	----	35	UNCH		
960	----	----	----	----	----	0.10 UNCH	.0003	----	----	----	----	1	UNCH		
1000	----	----	----	----	----	0.40 + 0.20	.0171	----	----	----	----	200	UNCH		
1020	----	----	----	----	----	1.30 + 0.70	.0581	----	----	----	----	1	UNCH		
1025	----	----	----	----	----	1.70 + 0.90	.0761	----	----	----	----	1	UNCH		
1030	----	----	----	----	----	2.30 + 1.20	.1011	----	----	----	----	1	UNCH		
1035	----	----	----	----	----	2.90 + 1.40	.1272	----	----	----	----	1	UNCH		
1040	----	----	----	----	----	3.80 + 1.70	.1624	----	----	----	----	1	UNCH		
1045	----	----	----	----	----	4.80 + 2.00	.2010	----	----	----	----	1	UNCH		
1050	----	----	6.20B/----	6.20B/----	----	6.10 + 2.40	.2466	----	----	----	----	1	UNCH		
1055	8.00	8.00	#8.00/8.00	#8.00/8.00	----	7.60 + 2.80	.2962	----	----	1	----	2 +	1		
1060	----	----	----	----	----	9.30 + 3.10	.3493	----	----	----	----	1	UNCH		
1065	----	----	----	----	----	11.40 + 3.50	.4064	----	----	----	----	1	UNCH		
1070	----	----	----	----	----	13.70 + 3.90	.4644	----	----	----	----	1	UNCH		
1075	----	----	21.20B/----	21.20B/----	----	16.30 + 4.40	.5226	----	----	----	----	1	UNCH		
1080	----	----	----	----	----	19.10 + 4.80	.5799	----	----	----	----	1	UNCH		
1085	----	----	----	----	----	22.30 + 5.40	.6339	----	----	----	----	1	UNCH		
TOTAL										1	----	254 +	1		
MAR23															
925	----	----	----	----	----	1.90 + 0.40	.0437	----	----	----	----	1	UNCH		
1000	----	----	11.40B/----	11.40B/----	----	11.30 + 1.90	.1995	----	----	----	----	1	UNCH		
1050	----	----	29.50B/----	29.50B/----	----	27.10 + 3.70	.3867	----	----	----	----	1	UNCH		
1100	----	----	60.20B/----	60.20B/----	----	53.80 + 6.20	.5965	----	----	----	----	1	UNCH		
TOTAL												4	0		
APR23															
700	----	----	----	----	----	0.10 UNCH	.0003	----	----	----	----	200	UNCH		
750	----	----	----	----	----	0.10 UNCH	.0020	----	----	----	----	1	UNCH		
800	----	----	----	----	----	0.40 + 0.10	.0077	----	----	----	----	200	UNCH		
925	----	----	----	----	----	6.50 + 0.80	.0968	----	----	----	----	22	UNCH		
1025	----	----	#29.10B/----	#29.10B/----	----	29.40 + 3.10	.3275	----	----	----	----	500	UNCH		
1050	----	----	40.80B/----	40.80B/----	----	39.50 + 4.00	.4048	----	----	----	----	300	UNCH		
1300	----	----	----	----	----	231.00 + 10.50	.9261	----	----	----	----	11	UNCH		
TOTAL												1234	0		
JUL23															
900	----	----	----	----	----	17.30 + 1.40	.1466	----	----	----	----	1	UNCH		
950	----	----	27.60B/----	27.60B/----	----	28.70 + 2.00	.2198	----	----	----	----	11	UNCH		
1060	----	----	----	----	----	70.00 + 4.10	.4233	----	----	----	----	11	UNCH		
1100	----	----	95.70B/----	95.70B/----	----	91.00 + 5.00	.5026	----	----	----	----	22	UNCH		
TOTAL												45	0		



OPTIONS EOO'S AND BLOCKS				
PRODUCT		STRIKE PRICE	EEO VOLUME	BLOCK VOLUME
OG CALL COMEX GOLD OPTIONS				
MAR23	CALL			
OG		2000	0	500
TOTALS			0	500
APR23 CALL				
OG		1940	0	525
OG		2040	0	735
OG		2075	0	100
OG		2080	0	100
TOTALS			0	1460
MAY23 CALL				
OG		2000	0	500
TOTALS			0	500
JUN23 CALL				
OG		1940	0	50
OG		2000	0	500
OG		2135	0	80
OG		2300	0	500
TOTALS			0	1130
JUL23 CALL				
OG		1950	0	750
OG		2150	0	1125
TOTALS			0	1875
AUG23 CALL				
OG		2100	0	800
TOTALS			0	800
SEP23 CALL				
OG		2200	0	100
OG		2400	0	100
TOTALS			0	200
DEC23 CALL				
OG		1900	0	400
OG		2200	0	800
OG		2500	0	5650
OG		2700	0	1600
OG		3000	0	500
TOTALS			0	8950
OG PUT COMEX GOLD OPTIONS				
FEB23	PUT			
OG		1850	0	100
OG		1890	0	150
TOTALS			0	250
MAR23 PUT				
OG		1800	0	400
OG		1875	0	100
TOTALS			0	500
APR23 PUT				
OG		1800	0	450
OG		1860	0	735
OG		1940	0	525
TOTALS			0	1710
JUN23 PUT				
OG		1750	0	500
OG		1780	0	80
OG		1940	0	50
TOTALS			0	630
OCT23 PUT				
OG		1400	0	350
OG		1550	0	175
TOTALS			0	525
SO CALL COMEX SILVER OPTIONS				
JUL23	CALL			
SO		3000	0	100
TOTALS			0	100
DEC23 CALL				
SO		3000	0	50
SO		3500	0	50
TOTALS			0	100
SO PUT COMEX SILVER OPTIONS				
MAR23	PUT			
SO		2100	0	600
TOTALS			0	600
JUN23 PUT				
SO		2000	0	400
TOTALS			0	400
HX CALL COMEX COPPER OPTIONS				
FEB23	CALL			
HX		420	0	200
TOTALS			0	200
MAR23 CALL				
HX		390	0	725
HX		420	0	100
HX		425	0	500
HX		435	0	725
HX		450	0	1750
HX		475	0	1750
TOTALS			0	5550
JUN23 CALL				
HX		450	0	220
HX		550	0	220
TOTALS			0	440
HX PUT COMEX COPPER OPTIONS				
FEB23	PUT			
HX		400	0	100
HX		410	0	75
TOTALS			0	175
MAR23 PUT				
HX		340	0	189
HX		420	0	100
TOTALS			0	289
PAO CALL NYMEX PALLADIUM OPTIONS				
JUN23	CALL			
PAO		1950	0	125
PAO		2100	0	250
PAO		2250	0	125
TOTALS			0	500