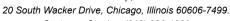
METALS OPTIONS PRODUCTS

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

CME Group, Inc.





64

Customer Service: (312) 930-1000 FINAL

PG64 BULLETIN # 18@

METALS OPTION PRODUCTS

Fri, Jan 27, 2023 PG64

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

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

METAL FUTURES CONTRACTS LAST TRADE DATES

			M	ETAL FU	TURES CO	ONTRACTS	LAST T	RADE DA	TES							
EXPIRATION: AX OPT ECGC OOF	JAN23	JAN23 JAN	01/26	MAR23 02/23	APR23 03/28	MAY23	JUN23	JUL23	AUG23	SEP	23 OC1	г23 м	ov23	DEC23		
ECHG OOF ECSI OOF GMW MON	01/30	01/26 01/ 01/26 01/ 01/26 01/	27 27 27 02/27													
GWW WED HMW MON HRO OPT	01/30 01/24		02/27 02/22 02/27 02/21 02/22 01/26	03/28	04/25	05/30	06/27	07/25	08/29	09/	26 10.	/24 1:	1/28	12/26		
HWW WED HX CALL HX PUT			02/22 01/26 01/26	02/23 02/23	03/28 03/28	04/25 04/25	05/25 05/25	06/27 06/27	07/26 07/26	08/	28 09	/26 10	0/26 0/26	11/27 11/27		
HXE CALL HXE PUT OG CALL	01/27 01/27		01/26 02/17 02/17 02/17 01/26													
OG PUT OG1 CALL OG1 PUT			01/26 01/26 02/03 02/03	02/23 02/23	03/28 03/28	04/25 04/25	05/25 05/25	06/27 06/27	07/26 07/26	08/ 08/	28 09	/26 10 /26 10	0/26 0/26	11/27 11/27		
OG2 CALL OG2 PUT OG3 CALL			02/03 02/10 02/10 02/17 02/17													
OG3 PUT OG4 CALL OG4 PUT	01/27 01/27		02/17													
PAO CALL PAO PUT PO CALL	V2/ 21			02/15 02/15	03/15		05/17 05/17	06/21		08/		/20				
PO PUT SMW MON SO CALL	01/30		02/27 01/26	02/15 02/15 02/23	03/15 03/15 03/28	04/25	05/25	06/21 06/21		08/		, 20		11/27		
SO PUT SO1 CALL SO1 PUT			01/26 01/26 01/26 02/03 02/03 02/10 02/10	02/23 02/23	03/28 03/28	04/25 04/25	05/25 05/25	06/27 06/27		08/ 08/	28			11/27 11/27		
SO2 CALL SO2 PUT SO3 CALL			02/10 02/10 02/10													
SO3 PUT SO4 CALL SO4 PUT	01/27 01/27		$02/17 \\ 02/17$													
SWW WED	01/27		02/15													
-				GC	OLD OPTIO	NS ON FUT	TURES									
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCR HIGH/LOW	Υ	OPEN OUTO		SETT. & PT.	PRICE CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX [©] VOLUME		IE I	OF NTERE	PEN EST
OG4 PUT JAN23	GOLD OPTIONS						0.00	- 0.10						0		1
1690 1710 1720 1725							0.00	- 0.10 - 0.10 - 0.10 - 0.10						. 0	-	1 1 16 1
1730 1740 1745							0.00	- 0.10 - 0.10 - 0.10						. 0	-	1 1 2 1
1750 1760 1770							0.00	- 0.10 - 0.10 - 0.10						. 0	-	21 3 25
1790 1800 1810							0.00	- 0.10 - 0.10 - 0.10						. 0	-	6 50 23 37
1815 1820 1825							0.00	- 0.10 - 0.10 - 0.10 - 0.10						· ŏ	-	64 227 66
1830 1835 1840 1845							0.00	- 0.10 - 0.10 - 0.10						0	-	50 74 240
1850 1855 1860							0.00 0.00 0.00	- 0.10 - 0.10 - 0.10						0 0	- -	144 185 159
1865 1870 1875							0.00	- 0.10 - 0.10 - 0.10				1		0 0	-	366 372
1880 1885 0.10 1890 0.10	0.10 0.10	0.10/0.10 0.10/0.10	0.10/0.10 0.10/0.10				0.00	- 0.10 - 0.10 - 0.10 - 0.10				4 1		0	-	266 133 462
1895 1900 1905 1910 0.20	0.20	/*0.10A /*0.10A 0.20/*0.10A	/*0.10. /*0.10. 0.20/*0.10.	Α.			0.00	- 0.20 - 0.20 - 0.30				3 14		0	-	565 277 272 484
1915 0.30 1920 0.50 1925 0.50	0.30 0.50 0.50	0.40/*0.10 0.60/*0.10 1.10B/*0.10	0.40/*0.10 0.60/*0.10 1.10B/*0.1	0			0.00	- 0.40 - 0.60 - 1.00				15 42 130		0	-	128 247 121
1930 1.10 1935 3.00 1940 2.20	1.10 3.00 2.20	2.20B/*0.10 4.00B/*0.10 7.10B/*0.10	2.20B/*0.1 4.00B/*0.1 7.10B/*0.1)))			0.00	- 1.60 - 2.50 - 3.90				163 450 607		0 0	-	355 155 243
1945 5.20 1950 6.40 1955 8.40	5.20 6.40 8.40	11.80B/*0.10 16.60B/*2.80A 20.40B/5.90A	11.80B/*0. 16.60B/*2. 20.40B/5.9	80a Da			4.40 9.40	- 5.80 - 4.00 - 2.20		89 63		221 127 21		0 0	-	143 74 70
1960 10.80 1965 21.10 1970 1975 31.80	10.80 21.10 31.80	25.50B/9.60A 30.30B/14.00A 35.40B/19.10A 40.30B/23.70A	25.50B/9.6 30.30B/14. 35.40B/19. 40.30B/23.	00a 10a			19.40 24.40	- 1.00 - 0.20 + 0.30 + 0.60		51 24 2 3		55 2		0	-	53 14 2 1
1975 31.80 1980 TOTAL		45.30B/29.00A	45.30B/29.					+ 0.80		3		1864		. 0	-	3 6247
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCR HIGH/LOW	Υ	OPEN OUTO		SETT. & PT.		DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX [©] VOLUME	PNT VOLUM	IE I	OF NTERE	PEN EST
OG4 CALL JAN23	GOLD OPTIONS	156 00p/120 70	156 00p/12	2.704			150 60	_ 1 20	_	141	_			. ^		1.41
1795 1800 1805 1815		156.00B/139.70 151.00B/134.70 146.00B/129.60 136.00B/119.70	A 151.00B/13 A 146.00B/12	4.70A 9.60A			150.60 145.60 140.60 130.60	- 1.20 - 1.20		141 55 44 1				0	-	141 55 44 1
1820 1840		131.00B/119.70 131.00B/114.70 111.00B/94.70A 106.00B/89.70A		4.70A .70A			130.60 125.60 105.60 100.60	- 1.20 - 1.20		3 4 11				0 0	-	1 3 4 11
1850 1870		106.00B/89.70A 101.00B/84.50A 81.00B/64.70A 71.00B/54.70A	106.00B/89 101.00B/84 81.00B/64. 71.00B/54.	. 50a 70a			95.60 75.60	- 1.20 - 1.20 - 1.20 - 1.20		11 1 6 11		 1		0 0	-	11 6 12
1880 1885 1890 1895		66.00B/49.70A 61.00B/44.70A 55.90B/39.70A	66.00B/49. 61.00B/44. 55.90B/39.	70a 70a			60.60 55.60	- 1.20 - 1.20 - 1.20 - 1.20		15 123 2				0 0	-	15 123 2
1900 1905 1910		51.50B/33.40A 45.90B/29.70A 40.90B/24.70A	51.50B/33. 45.90B/29. 40.90B/24.	40a 70a			45.60 40.60	- 1.20 - 1.30 - 1.30 - 1.40		84 33 111				0 0	-	84 33 111
1910 1915 1920 1925 16.60	 16.60	35.90B/19.50A 31.20B/14.70A 26.50B/8.90A	35.90B/19. 31.20B/14. 26.50B/8.9	50a 70a			30.60 25.60	- 1.40 - 1.50 - 1.70 - 2.10		66 40 114		 24		•	-	66 40 106
	CONTAINED IN THIS	,				E USER ANI									IT	

METALS OPTIONS PRODUCTS

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



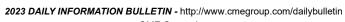




PG64 BUL	LETIN # 18@	18@ METALS OPTION PRODUCTS							Fri,	Jan 27,	2023 PG64
GLOBE OPEN		GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG4 CALL JAN23 1930 10.2 1935 15.1 1940 5.2 1945 7.4 1950 1.960 2.0 1965 0.9 1970 0.4 1970 0.4 1970 0.4 1970 0.1 1985 1985 2000 2015 2020 2020 2020 2035 2040 2045 2050 2055 2065 2070 2080 2080 2080 2080 2010 2015 2010 2110 2110 2115 2110 2110 2115 2110	0 15.10 0 5.20 0 7.40 0 1.60 0 1.60 0 0 0.90 0 0.40 0 0.40 0 0.10 0 0.10 0 0.10 	21.40B/4.90A 17.00B/*1.80 12.80B/*0.60A 9.10B/*0.30A 6.30B/*0.10 3.90B/*0.10 1.20B/*0.10 1.20B/*0.10 0.40/*0.10 0.40/*0.10 0.10/0.10 0.10/0.10 0.10/0.10 0.10/0.10	21.40B/4.90A 17.00B/*1.80 12.80B/*0.60A 9.10B/*0.30A 6.30B/*0.10 3.90B/*0.10 2.20B/*0.10 0.40/*0.10 0.40/*0.10 0/*0.10A 0.10/0.10 0.10/0.10 0.10/0.10 0.10/0.10		15.60 - 2.70 10.60 - 3.60 5.60 - 5.00 0.60 - 6.90 0.00 - 5.10 0.00 - 2.10 0.00 - 1.30 0.00 - 0.80 0.00 - 0.50 0.00 - 0.30 0.00 - 0.20 0.00 - 0.10		149 50 274 110		10 47 108 379 315 253 77 45 180 146 4 3 77 10 1 		0 - 149 0 - 247 0 - 105 0 - 147 0 - 147 0 - 166 0 - 330 0 - 300 0 - 226 0 - 251 0 - 47 0 - 51 0 - 61 0 - 61 0 - 61 0 - 61 0 - 61 0 - 71 0 - 73 0 - 106 0 - 330 0 - 251 0 - 47 0 - 251 0 - 47 0 - 106 0 - 31 0 - 47 0 - 61 0 - 61 0 - 61 0 - 61 0 - 71 0 - 73 0 - 100 0 - 73 0 - 100 0 - 330 0 - 226 0 - 100 0 - 31 0 - 21 0 - 21 0 - 31 0
GLOBE OPEN	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
OG3 PUT FEB23 1745 1750 1750 1750 1760 0.3 1765 1770 1815 1815 1830 1844 3.1 1850 3.0 1855 1860 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1910 13.6 1915 13.5 1920 15.4 1925 19.3 1930 19.4 1935 21.7 1940 26.3 1945 1950 1950 1950 1950 1950 1950 1950 1950 1950	0 0.30 0 3.10 0 3.10 0 3.00 0 5.40 0 5.30 0 5.40 0 5.30 0 9.50 0 13.60 0 13.50 0 13.60 0 13.50 0 19.30 0 19.30 0 19.30 0 21.70 0 26.30	#0.30/*0.30/*0.40A/*0.50A/*0.50A/*0.50A/*1.00A 1.70B/1.30A 2.00B/*1.40A 2.30B/*1.60A 2.70B/*1.80A 3.10/2.10A 3.50B/2.40A 4.60B/3.10A 5.30B/3.50A 6.10B/4.00A 6.90B/4.60A 7.80B/5.20A 8.90B/5.20A 8.90B/5.20A 11.40B/7.60A 11.40B/7.60A 11.40B/7.60A 11.40B/7.60A 11.40B/10.90A 10.10B/10.90A 10.10B/10.90A 10.10B/10.90A 10.10B/10.90A 10.10B/10.90A 12.20B/19.10A 22.30B/13.70A 23.30B/13.70A 24.60B/17.20A 29.90B/21.20A 29.90B/21.20A 29.90B/21.20A 32.60B/23.50A 35.60B/23.90A			0.30 UNCH 0.30 UNCH 0.30 UNCH 0.40 UNCH 0.40 UNCH 0.40 UNCH 1.10 - 0.20 1.60 - 0.20 1.60 - 0.30 2.10 - 0.30 2.10 - 0.30 3.10 - 0.30 3.50 - 0.40 4.60 - 0.40 4.60 - 0.40 5.20 NEW 6.80 - 0.50 7.70 - 0.60 8.70 - 0.60 9.80 - 0.70 11.10 - 0.70 12.50 - 0.70 11.50 - 0.70 12.50 - 0.70 14.00 NEW 15.70 - 0.80 23.90 - 0.80 23.90 - 0.80 23.90 - 0.80 23.90 - 0.80 23.90 - 0.80 23.90 - 0.80 23.90 - 0.80 23.90 - 0.80 23.90 - 0.70 29.00 - 0.70 31.80 - 0.70 31.80 - 0.70 29.00 - 0.70 31.80 - 0.70 31.80 - 0.70 31.80 - 0.70 31.80 - 0.70 31.80 - 0.70 31.80 - 0.70 31.80 - 0.70 31.80 - 0.70 31.80 - 0.70 31.80 - 0.70	.0082 .0084 .0086 .0112 .0114 .0117 .0202 .0327 .0415 .0608 .0689 .0771 .0874 .0979 .1103 .1245 .1390 .1566 .1744 .1937 .2145 .2367 .2614 .3127 .3405 .3406					2 UNCH 9 UNCH 13 UNCH 16 + 6 2 UNCH 16 UNCH 17 UNCH 18 UNCH 19 UNCH 2 + 1 6 + 1 43 + 4 11 UNCH 63 + 62 2 UNCH 2 UNCH 3 + 62 2 UNCH 2 UNCH 2 UNCH 2 UNCH 3 + 69 2 UNCH 2 UNCH 2 UNCH 3 + 69 2 UNCH 2 UNCH 3 + 69 2 UNCH 2 UNCH 3 + 69 2 UNCH 4 + 17 9 - 1 2 - 12 6 3 + 56 2 UNCH 2 UNCH 3 + 69 3 + 69 4 + 17 9 - 1 2 - 12 6 - 15 6 + 15 6
GLOBE OPEN	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		OPEN INTEREST
GG3 CALL FEB23 1875 1885 1930 1945 21.2 1950 25.3 1955 21.0 1960 1965 17.2 1970 16.9 1975 14.4 1980 13.3 1985 1990 11.3 1985 2000 2005 2020 2020 5.0 2035 2030 5.0 2035 2040 2040 2040 2055 2080 2.0 2045 2040 2040 2040 2055 2080 2.0 2045 2080 2.0 2095 21100 21100 21150 21150 21100 21150 2150		80.80B/*65.60A 72.20B/*57.40A 39.20B/*28.10A 36.20B/*25.60A 36.20B/*25.60A 36.60B/*21.20 28.10B/*17.40A 23.40B/*15.70A 21.30B/*14.20A 17.60B/*11.50A 15.90B/*10.30A 14.40B/*9.20A 12.90B/*10.30A 14.40B/*9.20A 12.90B/*13.30A 7.60B/*1.30A 6.00B/*3.30A 7.60B/*4.80A 6.80B/*4.30A 6.00B/*3.30A 7.60B/*4.80A 6.00B/*3.50A/*2.20A/*2.20A 2.00/*1.40A/*2.40A 2.70/*2.40A/*2.20A 2.00/*1.40A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*1.20A/*0.80A 0.80B/*1.00A	80.80B/*65.60A 72.20B/*57.40A 39.20B/*25.60A 36.20B/*25.60A 36.60B/*21.20 28.10B/*19.20 28.10B/*19.20 25.70B/*17.40A 23.40B/*15.70A 21.30B/*14.20A 19.40B/*12.80A 17.60B/*11.50A 15.90B/*10.30A 14.40B/*9.20A 12.90B/*8.30A 11.60B/*7.40A 10.50B/*6.60A 9.40B/*5.30A 7.60B/*14.80A 6.80B/*4.30A 6.80B/*4.30A 6.80B/*4.30A 6.00B/*3.30A/*2.20A 2.00/*2.40A/*2.20A 2.00/*1.40A/*1.20A 1.40B/*1.10A 1.20B/*1.10A 1.20B/*1.10A 1.20B/*1.10A 0.80B/*0.60		75.70 - 1.60 67.20 - 1.70 35.00 - 1.90 32.20 - 1.90 27.00 - 1.80 24.60 - 1.80 22.40 NEW 20.30 - 1.70 18.40 - 1.70 16.70 - 1.50 15.00 - 1.60 13.50 - 1.60 12.20 - 1.40 11.00 - 1.20 9.80 - 1.20 9.80 - 1.20 9.80 - 1.10 7.90 - 1.10 7.10 - 1.00 6.40 - 0.80 5.70 - 0.80 5.70 - 0.80 4.60 - 0.70 4.10 - 0.70 4.10 - 0.70 4.10 - 0.70 4.10 - 0.70 3.70 - 0.60 3.40 - 0.50 2.70 - 0.40 1.70 - 0.20 1.30 - 0.50 2.70 - 0.40 1.70 - 0.20 1.30 - 0.20 1.30 - 0.20 1.30 - 0.20 1.20 - 0.10 0.80 - 0.10 0.70 NEW 0.60 UNCH	.8605 .8250 .6009 .57101 .4796 .4495 .4198 .3908 .3631 .3355 .2620 .2391 .2186 .1995 .1819 .1659 .1502 .1361 .1238 .1117 .1015 .0933 .0835 .0756 .0479 .0396 .0366 .0367 .0281			2 2 2 1 4 6 6 6 13 3 3 3 3 5 1 1 2 5 2 1 1 2 5 2 1 1 2 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2 UNCH 1 UNCH 3 + 2 8 + 1 6 + 6 6 + 6 1 UNCH 22 + 12 9 + 9 51 UNCH 15 + 3 31 UNCH 15 + 3 27 + 1 1 UNCH 20 UNCH 5 UNCH 6 UNCH 5 UNCH 11 UNCH 21 UNCH 22 UNCH 4 UNCH 5 UNCH 11 UNCH 22 UNCH 4 UNCH 4 UNCH 27 + 4 9 + 1 17 + 1 10 UNCH 27 + 4 9 + 1 17 + 1 10 UNCH 4 UNCH 4 UNCH 4 UNCH 4 UNCH 27 + 4 9 + 1 17 + 1 10 UNCH 4 UNCH 4 UNCH 4 UNCH 4 UNCH 27 + 4 9 + 1 1 UNCH 28 UNCH 4 UNCH 4 UNCH 4 UNCH 4 UNCH 27 + 4 9 + 1 1 UNCH 28 UNCH 4 UNCH 4 UNCH 4 UNCH 4 UNCH 27 + 4 9 + 1 1 UNCH 28 UNCH 4 UNCH 4 UNCH 4 UNCH 4 UNCH 27 + 4 9 + 1 1 UNCH 28 UNCH 4 UNCH
GLOBE OPEN OG2 PUT		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
FEB23 1725 1735					0.10 UNCH 0.10 UNCH	.0001			50		50 + 50 2 UNCH

METALS OPTIONS PRODUCTS

64 Side 03







CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.

1				C	Customer Service: (312) FINAL	930-1000						1	
G64	BULLET:	IN # 18@			METALS OPTION PR	ODUCTS				Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INT	OPEN EREST

	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER	OPEN OUTCRY	GLOBEX®			OPEN
OG2 PU FEB23	JT	GOLD OPTIONS						CISES	VOLUME	VOLUME	VOLUME	INTER	KEST
1750 1755 1760 1765 1780						0.10 UNCH 0.10 UNCH 0.10 - 0.10 0.10 - 0.10 0.10 - 0.10	.0006 .0009 .0012 .0016 .0036					3 2 26 11 7	UNCH UNCH UNCH UNCH UNCH
1785 1790 1795	0.20	0.20 0.20	0.20/*0.20 /*0.20A 0.20/*0.20	0.20/*0.20 /*0.20A 0.20/*0.20		0.10 - 0.10 0.20 - 0.10 0.20 - 0.10 0.20 - 0.20	.0066 .0068 .0070			2 12		3 + 6 13 +	UNCH 12
1800 1805 1810	0.30	0.30	/*0.30A 0.30/*0.30 /*0.30A	/*0.30A 0.30/*0.30 /*0.30A		0.30 - 0.10 0.30 - 0.20 0.30 - 0.20	.0102 .0105 .0108			2		6 12 +	UNCH 2 UNCH
1820 1825 1830			/*0.40A /*0.50A /*0.60A	/*0.40A /*0.50A /*0.60A		0.50 - 0.20 0.50 - 0.30 0.60 - 0.30	.0175 .0181 .0217			10 		10 + 10 8	9 UNCH UNCH
1835 1840 1845	0.90 1.20	0.90 1.20	/*0.70A 1.10B/*0.80A 1.30B/*0.90A	/*0.70A 1.10B/*0.80A 1.30B/*0.90A		0.70 - 0.30 0.80 NEW 1.00 NEW	.0253 .0291 .0358			1 1 53		3 + 1 + 17 +	1 1 17
1850 1855 1860	2.10	2.10	1.60B/*1.10A 1.90B/*1.20A 2.20B/*1.40A	1.60B/*1.10A 1.90B/*1.20A 2.20B/*1.40A		1.20 - 0.30 1.40 - 0.40 1.60 - 0.40	.0425 .0495 .0567			1 2		31 + 4 19	1 UNCH UNCH
1865 1870 1875	1.70 3.00 2.50	1.70 3.00 2.50	2.60B/*1.70 3.20B/*1.90A 3.70B/2.30A	2.60B/*1.70 3.20B/*1.90A 3.70B/2.30A		1.90 - 0.50 2.30 - 0.40 2.70 - 0.50	.0667 .0792 .0920			75 137 2		78 + 153 + 46	75 137 UNCH
1880 1885 1890	4.80	 4.80	4.40B/2.60A 5.10B/3.10A 6.00B/3.60A 7.10B/4.20A	4.40B/2.60A 5.10B/3.10A 6.00B/3.60A 7.10B/4.20A		3.20 - 0.50 3.70 - 0.60 4.40 - 0.60 5.10 - 0.70	.1073 .1229 .1428 .1632			11 13 4		15 + 43 26 + 31 +	8 UNCH 13 4
1895 1900 1905 1910	7.60	7.60	8.20B/4.90A 9.50B/5.70A 11.00B/6.70A	8.20B/4.20A 9.50B/5.70A 11.00B/6.70A		5.90 - 0.80 6.90 - 0.80 8.00 - 0.90	.1857 .2119 .2399			14 9		31 + 171 + 22 15 +	1 UNCH 8
1915 1920 1925	8.90 15.40	8.90 15.40	12.70B/7.80A 14.60B/9.00A 16.70B/10.40A	12.70B/7.80A 14.60B/9.00A 16.70B/10.40A		9.30 - 0.90 10.70 - 0.90 12.30 - 1.00	.2708 .3032 .3378			49 42 7		28 + 47 + 239 +	21 36 5
1930 1935 1940	15.60 18.30 21.30	15.60 18.30 21.30	19.00B/12.00A 21.60B/13.80A 24.20B/15.70A	19.00B/12.00A 21.60B/13.80A 24.20B/15.70A		14.10 - 1.00 16.10 - 1.00 18.30 - 1.00	.3743 .4121 .4507			1 105 83		200 28 + 74 +	UNCH 16 52
1945 1950 1955	20.70 23.10	20.70 23.10	27.20B/17.90A 30.20B/20.30A 33.40B/22.90A	27.20B/17.90A 30.20B/20.30A 33.40B/22.90A		20.80 - 0.80 23.40 - 0.80 26.20 - 0.80	.4899 .5288 .5673			4 8 		25 + 11 + 10	3 7 UNCH
1960 1970 1980	28.30 42.00	28.30 42.00	36.90B/25.80A 44.30B/32.00A 52.40B/38.90A	36.90B/25.80A 44.30B/32.00A 52.40B/38.90A		29.30 - 0.60 35.90 - 0.40 43.20 NEW	.6044 .6750 .7378			1 1 700		1 1 1 + 1510+	UNCH UNCH 1 482
TOTAL	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER	OPEN OUTCRY	GLOBEX®		(OPEN
OG2 CA FEB23	NLL	GOLD OPTIONS						CISES	VOLUME	VOLUME	VOLUME	INTER	KESI
1820 1880 1900			73.80B/58.00A 56.40B/42.00A	131.40B/115.00A 73.80B/58.00A 56.40B/42.00A		125.90 - 1.30 68.70 - 1.60 51.50 - 1.80	.9823 .8924 .8138					147 1 2	UNCH UNCH UNCH
1905 1910 1915			52.20B/38.20A 48.30B/34.70A 44.50B/31.40A	52.20B/38.20A 48.30B/34.70A 44.50B/31.40A		47.40 - 1.90 43.60 - 1.90 39.80 - 2.00	.7877 .7597 .7288					12 2 36	UNCH UNCH UNCH
1930 1935 1940	20.60 21.90	 20.60 21.90	33.90B/*22.50A 30.90B/*20.00A 27.90B/*17.70A 25.10B/*15.70A	33.90B/*22.50A 30.90B/*20.00A 27.90B/*17.70A 25.10B/*15.70A		29.70 - 2.10 26.70 - 2.10 23.90 - 2.10 21.40 - 1.90	.6253 .5875 .5488 .5097			 8 33		5 8 9 + 20 -	UNCH UNCH 8 3
1945 1950 1955 1960	16.20 15.20 17.10	16.20 15.20 17.10	22.60B/*13.80A 20.20B/*12.10A 18.00B/*10.60A	22.60B/*13.80A 20.20B/*12.10A 18.00B/*10.60A		19.00 - 1.90 16.80 - 1.90 14.90 - 1.70	.4707 .4322 .3951			184 19 10		362 + 28 - 21 +	148 3 10
1965 1970 1975	11.50 9.90 9.90	11.50 9.90 9.90	15.90B/*9.30A 14.10B/*8.10A 12.40B/*7.10A	15.90B/*9.30A 14.10B/*8.10A 12.40B/*7.10A		13.10 - 1.70 11.50 - 1.60 10.10 - 1.40	.3590 .3246 .2924			10 7 11		12 + 92 - 13 +	10 5 3
1980 1985 1990	9.50 7.50 7.70	9.50 7.50 7.70	10.90B/*6.20A 9.60B/*5.40A 8.40B/*4.70A	10.90B/*6.20A 9.60B/*5.40A 8.40B/*4.70A		8.80 - 1.40 7.70 - 1.20 6.70 NEW	.2618 .2340 .2080			8 2 13		24 3 + 12 +	UNCH 1 12
1995 2000 2005	6.30 5.50 4.70 3.30	6.30 5.50 4.70 3.30	7.30B/*4.10A 6.40B/*3.60A 5.50B/*3.10A 4.80B/*2.70A	7.30B/*4.10A 6.40B/*3.60A 5.50B/*3.10A 4.80B/*2.70A		5.80 - 1.10 5.10 - 0.90 4.40 - 0.90 3.80 - 0.80	.1840 .1636 .1438 .1261			14 54 24 3		29 + 66 + 28 + 101 +	14 49 7 3
2010 2015 2020 2025			4.20B/*2.40A 3.60B/*2.10A 3.20B/*1.90A	4.20B/*2.40A 3.60B/*2.10A 3.20B/*1.90A		3.30 - 0.70 2.90 - 0.60 2.50 - 0.60	.1108 .0979 .0854			 		1 13 9	UNCH UNCH UNCH
2035 2045 2050			/*1.50A /*1.20A /*1.10A	/*1.50A /*1.20A /*1.10A		2.00 - 0.40 1.50 - 0.40 1.40 - 0.20	.0680 .0517 .0476					13 20 11	UNCH UNCH UNCH
2055 2060 2065	1.10	1.10	/*1.00A 1.10/*0.90A /*0.80A /*0.80A	/*1.00A 1.10/*0.90A /*0.80A /*0.80A		1.20 - 0.30 1.10 NEW 1.00 - 0.20 0.90 - 0.10	.0411 .0373 .0337 .0302			12 		22 12 + 2 10	UNCH 12 UNCH UNCH
2070 2075 2080 2095			/*0.70A /*0.70A /*0.50A	/*0.70A /*0.70A /*0.50A		0.80 - 0.10 0.70 - 0.10 0.60 UNCH	.0268 .0234 .0192					10 2 6	UNCH UNCH UNCH
2105 2110 2115 2120	0.40 0.40 0.30	0.40 0.40 0.30	0.40/*0.40 0.40/*0.40 0.30/*0.30	0.40/*0.40 0.40/*0.40 0.30/*0.30		0.50 UNCH 0.40 NEW 0.40 UNCH 0.40 UNCH 0.40 UNCH	.0157 .0128 .0125 .0122 .0120			2 11 2		2 + 11 + 6 10 27 +	2 11 UNCH UNCH 2
2125 2130 2140 2145						0.30 UNCH 0.30 UNCH 0.30 UNCH	.0092 .0088 .0087					10 30 2	UNCH UNCH UNCH
2160 TOTAL						0.20 UNCH	.0058			50 477		50 + 1312+	50 331
	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	(INTER	OPEN REST
OG1 PU FEB23 1690 1705	JT 	GOLD OPTIONS				0.10 UNCH 0.10 UNCH						40	UNCH UNCH
1710 1715 1720						0.10 UNCH 0.10 UNCH 0.10 UNCH						2 14 12	UNCH UNCH UNCH
1725 1730 1740						0.10 UNCH 0.10 UNCH 0.10 UNCH						1 6 9	UNCH UNCH UNCH
1745 1750 1755						0.10 UNCH 0.10 UNCH 0.10 UNCH						11 24 69	UNCH UNCH
1760 1765 1775 1780	0.10	0.10	0.10/*0.10	0.10/*0.10 		0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000			1		21 43 7 3	UNCH UNCH UNCH UNCH
1785 1790 1795	0.10	0.10	 0.10/*0.10	 0.10/*0.10		0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000 .0000 .0001					1 2 14 +	UNCH UNCH 8
1800 1805 1810	0.10	0.10	0.10/0.10 /*0.10A 	0.10/0.10 /*0.10A 		$\begin{array}{cccc} 0.10 & - & 0.10 \\ 0.10 & - & 0.10 \\ 0.10 & - & 0.10 \end{array}$.0002 .0003 .0005			52 		116 + 21 25	5 UNCH UNCH
1815 1820 1825	0.10 0.20	0.10 0.20	0.10/*0.10 /0.20A 0.30/*0.10	0.10/*0.10 /0.20A 0.30/*0.10		0.10 - 0.10 0.10 - 0.20 0.10 - 0.20	.0008 .0012 .0019			1 176		36 + 3 1277 +	1 UNCH 171
1830 1835 1840	0.20 0.20 0.20 0.20	0.20 0.20 0.20 0.20	0.20/*0.20 0.20/*0.20 0.20/*0.20 0.40B/*0.20	0.20/*0.20 0.20/*0.20 0.20/*0.20 0.40B/*0.20		0.10 - 0.20 0.10 - 0.30 0.20 - 0.20 0.20 - 0.30	.0028 .0040 .0078 .0082			36 41 120 99		47 + 66 + 173 + 123 +	36 33 120 99
1845 1850 1855 1860	0.20 0.40 0.50 0.60	0.20 0.40 0.50 0.60	0.40B/*0.20 0.60/*0.30 0.50/*0.30 0.80B/*0.40	0.40B/*0.20 0.60/*0.30 0.50/*0.30 0.80B/*0.40		0.20 - 0.30 0.30 - 0.30 0.40 - 0.30 0.50 - 0.30	.0122 .0163 .0206			165 71 27		2116 + 139 + 180 +	80 50 25
1860 1865 1870	0.90 0.60	0.60 0.90 0.60	1.00B/*0.60A 1.30B/*0.60	1.00B/*0.60A 1.30B/*0.60		0.70 - 0.30 0.90 - 0.30	.0284 .0365			4 78		16 + 140 +	4 72
	IFORMATTON	I CONTAINED IN TH	T2 KEKOKI IZ CUMD	TLED FOR THE CONVENT	LENCE OF THE HISED	AND IS FURNIZHED WIT							

METALS OPTIONS PRODUCTS

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





CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 FINAL

PG64 BULLETIN # 18@	PRODUCTS				Fri,	Jan 27,	2023 PG64			
GLOBEX OPEN OUTCRY OPEN 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
OG1 PUT FEB23 1875 0.90 0.90 1880 1.40 1.40 1895 1.90 1.90 1895 3.40 3.40 1905 1910 3.70 3.70 1915 7.20 7.20 1920 8.30 8.30 1925 9.70 9.70 1935 14.70 14.70 1940 17.10 17.10 1945 16.70 16.70 1955 24.40 24.40 1960 1965 1970 30.00 30.00 1990 2010 TOTAL	1.60B/*0.90 2.00B/*1.10 2.60B/*1.40 3.10B/*1.70A 3.90B/*2.00A 4.80B/2.50 5.80B/3.00A 7.10B/3.60A 8.60B/4.40A 10.30B/5.40A 12.30B/5.40A 12.30B/5.40A 17.00B/9.40A 17.00B/9.40A 17.00B/9.40A 22.50B/13.30A 25.70B/15.60A 29.20B/13.20A 33.00B/21.10A 33.00B/21.10A 40.80B/27.50A 85.50B/42.90A 77.40B/60.70A	1.60B/*0.90 2.00B/*1.10 2.60B/*1.40 3.10B/*1.70A 3.90B/*2.00A 4.80B/2.50 5.80B/3.00A 7.10B/3.60A 8.60B/4.40A 10.30B/5.40A 12.30B/6.50A 14.50B/7.90A 17.00B/9.40A 19.50B/11.20A 22.50B/13.30A 22.50B/13.30A 23.50B/15.60A 29.20B/18.20A 33.00B/21.10A 36.80B/21.50A 40.80B/27.50A		1.10 - 0.40 1.40 - 0.40 1.70 - 0.40 2.10 - 0.50 2.60 - 0.50 3.10 - 0.60 3.80 - 0.70 4.60 - 0.80 5.60 - 0.80 6.80 - 0.90 9.80 - 0.90 9.80 - 0.90 11.70 - 0.90 13.80 - 0.70 13.80 - 0.70 21.70 - 0.60 24.80 - 0.70 24.80 - 0.50 24.80 - 0.50 24.80 - 0.50 24.80 - 0.50 24.80 - 0.50 24.80 - 0.50 26.20 - 0.70 27.70 - 0.60 28.20 - 0.30 31.80 - 0.20 48.00 + 0.40 66.10 + 0.70	.0449 .0567 .0691 .0849 .1041 .1241 .1499 .2129 .2514 .3891 .3879 .4382 .4897 .5412 .5915 .6394 .6857 .7279 .9308			80 38 5 22 41 106 202 31 235 170 119 115 114 34 34 4 1 2 2446		1012 + 1 181 - 1 35 + 4 238 + 9 95 + 3 233 + 6 72 + 28 166 - 4 145 + 17 318 + 111 110 + 9 236 + 39 120 + 67 131 + 98 83 + 32 61 - 10 12 + 1 3 UNCH 7 UNCH 1 UNCH 1 UNCH 8022 + 1114
GLOBEX OPEN OUTCRY OPEN 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
OG1 CALL FEB23 1790 1810 1815 1865 1875 1890 1890 1890 1890 1890 1900 1900 1915 27.10 27.10 1920 27.70 27.70 1920 27.70 27.70 1925 1935 18.30 18.30 1940 16.90 16.90 1945 16.10 16.10 1950 13.00 13.00 1955 14.60 14.60 1950 13.00 13.00 1955 14.60 14.60 1966 10.50 10.50 1970 6.10 6.10 1975 7.10 7.10 1980 5.00 5.00 1985 4.80 4.80 1990 2.90 2.90 1995 2000 1.70 1.70 2005 1.70 1.70 2010 1.90 1.90 2015 1.10 1.10 2020 1.20 1.20 2025 0.80 0.80 2030 0.90 0.90 2035 2040 0.50 0.50 2055 0.40 0.40 2060 0.40 0.40 2060 0.40 0.40 2060 0.20 0.20 2077 0.20 0.20 2080 2095 0.20 0.20 2070 0.20 0.20 2090 2095 0.20 0.20 2010 2110 2120 2110 2120 2130 0.20 0.20 2140 2145 0.10 0.10 TOTAL	160.908/144.60A 140.908/124.60A 140.908/124.60A 135.908/119.60A 86.608/69.60A 77.108/60.00A 62.808/46.80A 58.108/42.60A 58.108/38.40A 49.308/34.50A 49.308/34.50A 49.308/34.50A 49.308/34.50A 49.308/34.50A 26.208/15.40A 26.208/15.40A 27.808/9.40A 15.308/*7.90A 15.308/*7.90A 15.308/*7.90A 16.60B/*3.10A 17.808/9.40A 17.808/9.40A 17.808/9.40A 11.108/*5.50A 9.50B/*4.50A 11.108/*5.50A 9.50B/*4.50A 11.108/*5.50A 9.50B/*4.50A 11.108/*5.50A 9.50B/*3.70A 6.60B/*3.10A 1.108/*5.50B 1.10A			155.60 - 1.10 135.60 - 1.20 130.60 - 1.30 81.20 - 1.40 71.60 - 1.50 57.60 - 1.60 53.10 - 1.70 48.70 - 1.70 44.40 - 1.80 40.20 - 1.90 32.40 - 1.90 22.880 - 2.00 22.30 - 2.00 19.40 - 1.80 12.30 - 1.70 16.80 - 1.80 12.30 - 1.70 10.50 - 1.50 8.80 - 1.50 7.40 - 1.30 6.20 - 1.00 2.30 - 2.00 19.40 - 1.50 8.80 - 1.50 7.40 - 1.30 6.20 - 1.50 8.80 - 0.50 7.40 - 1.30 6.20 - 1.00 5.20 - 1.00 5.20 - 1.00 5.20 - 0.00 2.10 - 0.50 1.70 - 0.50 1.70 - 0.50 1.70 - 0.50 1.50 - 0.30 1.00 - 0.30 0.90 - 0.20 0.60 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.10 - 0.10 0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH	1.0000 .9999 .9999 .99714 .9549 .9149 .8957 .8757 .8758 .7484 .7661 .5100 .5615 .5100 .4586 .4082 .3604 .3140 .2719 .2335 .1996 .1685 .1426 .1199 .0356 .0482 .0490 .0356 .035			20 11 11 10 7 4 128 53 371 7 38 8 66 79 18 23 49 4 1040 109 9 2 7 19 9 4 66 48 65 102 7 19 9 4 66 7 10 20 281 7 11 17 10 220 50 3180		6 UNCH 58 UNCH 102 + 20 3 UNCH 1 UNCH 1 UNCH 1 UNCH 1 UNCH 1 1 1 1 UNCH 1 1 1 1 UNCH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
GLOBEX OPEN OUTCRY OPEN 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 1850 1860 1875 1880 1890 1990 1910 1915 1915 1925 1925 1935 1935 1946 1955 1955 1970 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1975 1976 1977 1978 1970 1975 1970 1975 1970 1975 1970 1970 1975 1970 1975 1970 1975 1985 1990 1990 1990 1990 1900	ONS			0.00 UNCH 10.00 UNCH 10.00 UNCH 15.00 UNCH 15.00 UNCH 25.00 UNCH 25.00 UNCH 35.00 UNCH 45.00 UNCH 45.00 UNCH 45.00 UNCH 45.00 UNCH 66.00 UNCH 75.00 UNCH 75.00 UNCH 75.00 UNCH 155.00 UNCH						0 UNCH
MAR23 1000 1075 1100 1125 1175	 	 	 	0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH						17 UNCH 26 UNCH 10 UNCH 21 UNCH 55 UNCH 277 UNCH

METALS OPTIONS PRODUCTS

Side 05

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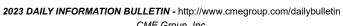


CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 FINAL

PG64	4 BULLET	IN # 18@			METALS OPTI	ON PRODUCTS				Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCR'		DELTA	EXER	OPEN OUTCRY	GLOBEX [®]	PNT		OPEN
OG PL		COMEX GOLD OPT		HIGH/ LOW	CLOSE KANGI	d Friends.	DELTA	CISES	VOLUME	VOLUME	VOLUME	INT	EREST
MAR23 1200						0.10 UNC						7730	UNCH
1225 1250 1275						0.10 UNC 0.10 UNC 0.10 UNC	н					95 504 130	UNCH UNCH UNCH
1300 1325						0.10 UNC 0.10 UNC	H					2173 346	UNCH UNCH
1350 1360 1370						0.10 UNC 0.10 UNC 0.10 UNC	н					110 1 91	UNCH UNCH UNCH
1375 1380						0.10 UNC 0.10 UNC 0.10 UNC	н					46 110	UNCH UNCH UNCH
1390 1400 1410						0.10 UNC 0.10 UNC 0.10 UNC	н					66 1170 132	UNCH
1420 1425 1430						0.10 UNC 0.10 UNC 0.10 UNC	н					40 81 49	UNCH UNCH UNCH
1440 1450						0.10 UNC 0.10 UNC	H					159 430	UNCH UNCH
1460 1465 1470						0.10 UNC 0.10 UNC 0.10 UNC	н					587 86 179	UNCH UNCH UNCH
1475 1480						0.10 UNC 0.10 UNC	H					52 165	UNCH UNCH
1485 1490 1495						0.10 UNC 0.10 UNC 0.10 UNC	н					68 41 30	UNCH UNCH UNCH
1500 1505						0.10 UNC 0.10 UNC 0.10 UNC	н			1 		1731 52 114	UNCH UNCH UNCH
1510 1515 1520						0.10 UNC 0.10 UNC	H					207 116	UNCH UNCH
1525 1530 1535						0.10 UNC 0.10 UNC 0.10 UNC	н .0000					410 39 64	UNCH UNCH UNCH
1540 1545						0.10 UNC 0.10 UNC	н .0000 н .0000					35 24	UNCH UNCH
1550 1555 1560						0.10 UNC 0.10 UNC 0.10 UNC	н .0000					216 37 286	UNCH UNCH UNCH
1565 1570						0.10 UNC 0.10 UNC	н .0000 н .0000					73 463	UNCH UNCH
1575 1580 1585	0.10	 0.10	0.10/0.10	0.10/0.10		0.10 UNC 0.10 UNC 0.10 UNC	н .0000 н .0000			 2		686 225 63	UNCH UNCH UNCH
1590 1595	0.10	 0.10	0.10/0.10	0.10/0.10		0.10 UNC 0.10 UNC 0.10 UNC	н .0001			 51	 127	177 161 6303 -	UNCH UNCH 167
1600 1605 1610						0.10 UNC 0.10 UNC	н .0002 н .0002					97 54	UNCH
1615 1620 1625	0.10	0.10	0.10/0.10	0.10/0.10		0.10 UNC 0.10 UNC 0.10 UNC	н .0004			5 		113 + 391 268	- 2 UNCH UNCH
1630 1635	0.10 0.10	0.10 0.10	0.10/*0.10 0.10/*0.10	0.10/*0.10 0.10/*0.10		0.10 UNC 0.10 UNC	н .0006 н .0007			19 20		581 - 468 -	- 6 - 10
1640 1645 1650	0.10 0.20	0.10 0.20	0.10/0.10 0.20/0.20	0.10/0.10 0.20/0.20		0.10 UNC 0.10 UNC 0.10 UNC	н .0010			 5		579 151 3632 -	UNCH UNCH 5
1655 1660						0.10 UNC 0.10 UNC	н .0015 н .0018			1		142 55	UNCH
1665 1670 1675						0.10 UNC 0.10 UNC 0.20 + 0.1	н .0025			 8		157 148 617	UNCH UNCH UNCH
1680 1685	0.20 0.20	0.20 0.20	0.20/0.20 0.20/0.20	0.20/0.20 0.20/0.20		0.20 + 0.1 0.20 UNC 0.20 UNC	н .0048			580 4		1200 - 131 986 -	- 317 UNCH - 2
1690 1695 1700						0.20 UNC 0.20 UNC	н .0050			 40		112 2985	UNCH UNCH
1705 1710 1715						0.20 UNC 0.20 UNC 0.20 - 0.1	н .0053					100 92 125	UNCH UNCH UNCH
1720 1725	0.30	0.30	0.30/0.30	0.30/0.30		0.20 - 0.1 0.30 UNC	0 .0055 H .0078			21		363 4801 -	UNCH · 1
1730 1735 1740	0.40	 0.40	/0.30A 0.40/*0.30	/0.30A 0.40/*0.30		0.30 UNC 0.30 - 0.1 0.30 - 0.1	0 .0082			12		48 89 309 -	UNCH UNCH - 8
1745 1750			/0.40A /0.40A	/0.40A /0.40A		0.30 - 0.1 0.40 - 0.1	0 .0085 0 .0110			26		423 1893 + 235	
1755 1760 1765	0.50	0.50	0.50/0.50	0.50/0.50		$egin{array}{cccc} 0.40 & - & 0.1 \\ 0.40 & - & 0.1 \\ 0.50 & - & 0.1 \end{array}$	0 .0115			3 1		233 228 + 78 +	
1770 1775 1780			/0.60A /0.60A /0.70A	/0.60A /0.60A /0.70A		$\begin{array}{cccc} 0.60 & - & 0.1 \\ 0.60 & - & 0.1 \\ 0.70 & - & 0.1 \end{array}$	0 .0170			2 6		508 + 1342 + 92	
1785 1790	0.70 0.90	0.70 0.90	0.90B/*0.70 1.00B/*0.80A	0.90B/*0.70 1.00B/*0.80A		0.80 - 0.1 0.80 - 0.2	0 .0223 0 .0229			13 14		220 - 126 +	- <u>1</u> - 8
1795 1800 1805	1.10 1.30 1.10	1.10 1.30 1.10	1.10/*0.90A 1.30/*0.90 1.40B/*1.10	1.10/*0.90A 1.30/*0.90 1.40B/*1.10		$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	0 .0307			113 5		75 6210 - 80	UNCH - 1 UNCH
1810 1815	1.40	1.40	1.70/*1.20A 1.90B/*1.40A	1.70/*1.20A 1.90B/*1.40A		1.40 - 0.1 1.60 - 0.1	0 .0387 0 .0438					1398 - 418	UNCH
1820 1825 1830	2.00 2.20 2.30	2.00 2.20 2.30	2.10B/*1.50 2.50B/*1.70A 2.80B/2.00A	2.10B/*1.50 2.50B/*1.70A 2.80B/2.00A		1.80 - 0.1 2.00 - 0.2 2.30 - 0.2	0 .0543			6 10 4		473 - 596 377 -	UNCH 2
1835 1840	2.90 2.90 3.50	2.90 2.90 3.50	3.20B/*2.20A 3.60B/2.50A 4.10B/2.80A	3.20B/*2.20A 3.60B/2.50A 4.10B/2.80A		2.60 - 0.2 2.90 - 0.3 3.30 - 0.3	0 .0764			5 19		166 + 359 - 143 -	· 2
1845 1850 1855	3.70	3.70	4.70B/3.20A 5.30B/3.60A	4.70B/3.20A 5.30B/3.60A		3.80 - 0.3 4.30 - 0.3	0 .0969 0 .1081			617 1		2714 - 469 +	
1860 1865 1870	4.70 6.20	4.70 6.20	6.00B/4.10A 6.80B/4.60A 7.70B/5.20A	6.00B/4.10A 6.80B/4.60A 7.70B/5.20A		4.80 - 0.4 5.40 - 0.4 6.10 - 0.4	0 .1324			17 12 11		265 - 201 - 922 +	· 1 · 1 · 9
1875 1880	7.80 7.60	7.80 7.60	8.70B/5.90A 9.70B/6.60A	8.70B/5.90A 9.70B/6.60A		6.90 - 0.4 7.70 - 0.5	0 .1630 0 .1791			358 18		3979 - 402 -	· 152 · 14
1885 1890 1895	7.80 9.30 12.00	7.80 9.30 12.00	10.90B/7.40A 12.10B/8.30A 13.50B/9.30A	10.90B/7.40A 12.10B/8.30A 13.50B/9.30A		8.60 - 0.5 9.60 - 0.6 10.80 - 0.5	0 .2155			14 16 6		1077 - 102 - 196 +	- 8 - 2 - 1
1900 1905	13.00 13.30	13.00 13.30	15.10B/10.50A 16.80B/11.70A	15.10B/10.50A 16.80B/11.70A		12.00 - 0.6 13.30 - 0.7	0 .2575 0 .2797			1273 5		2776 - 329 +	· 2 - 4
1910 1915 1920	16.10 17.90 19.50	16.10 17.90 19.50	18.60B/13.00A 20.50B/14.50A 22.60B/16.10A	18.60B/13.00A 20.50B/14.50A 22.60B/16.10A		14.80 - 0.7 16.40 - 0.7 18.20 - 0.7	0 .3280			171 48 39		335 + 221 + 341 +	- 4
1925 1930	21.80 21.70 23.40	21.80 21.70 23.40	25.00/17.80A 27.30B/19.70A	25.00/17.80A 27.30B/19.70A 29.80B/21.70A		20.10 - 0.7 22.10 - 0.7 24.30 - 0.7	0 .4067			275 67 33		693 + 196 + 174 +	- 28
1935 1940 1945	27.80 26.70	27.80 26.70	29.80B/21.70A 32.50B/23.80A 35.40B/26.10A	32.50B/23.80A 35.40B/26.10A		26.70 - 0.6 29.20 - 0.5	0 .4614 0 .4889			137 166		395 + 184 +	- 31 - 31
1950 1955 1960	31.50 34.60	31.50 34.60	38.20B/28.60A 41.40B/31.30A 44.50B/34.00A	38.20B/28.60A 41.40B/31.30A 44.50B/34.00A		31.80 - 0.5 34.50 - 0.5 37.40 - 0.5	0 .5436			265 2 6		343 + 100 + 30	
1965 1970	39.20 42.50	39.20 42.50	47.90B/37.00A 51.60B/40.00A	47.90B/37.00A 51.60B/40.00A		40.40 - 0.5 43.60 - 0.4	0 .5966 0 .6222			21 2 160		39 + 36	- 17 UNCH
1975 1980 1985	48.00 	48.00 	55.10B/43.20A 58.80B/46.50A 62.80B/49.90A	55.10B/43.20A 58.80B/46.50A 62.80B/49.90A		47.00 - 0.3 50.40 - 0.3 54.00 - 0.2	0 .6707 0 .6934			160 		131 - 16 20	· 60 UNCH UNCH
1990 1995	63.50	 63.50	66.60B/53.40A 70.60B/57.10A 74.80B/60.90A	66.60B/53.40A 70.60B/57.10A 74.80B/60.90A		57.70 - 0.1 61.40 - 0.1 65.30 + 0.1	0 .7152 0 .7359			 11		19 23 119 -	UNCH UNCH 1
2000 2005 2010			78.90B/64.80A 83.30B/68.70A	78.90B/64.80A 83.30B/68.70A		69.30 + 0.1 73.30 UNC	0 .7750 н .7922					22 19	UNCH UNCH
2015 2020 2025			87.60B/72.80A 92.00B/76.90A 96.40B/81.10A	87.60B/72.80A 92.00B/76.90A 96.40B/81.10A		77.50 + 0.2 81.70 + 0.3 86.00 + 0.3	0 .8238					13 10 25	UNCH UNCH UNCH
2030 2040			101.20B/85.40A 110.20B/94.20A	101.20B/85.40A 110.20B/94.20A 114.80B/98.70A		90.40 + 0.5 99.30 + 0.6	0 .8509 0 .8746					3 7	UNCH UNCH
2045	107.70 107.20	107.70 107.20		119.50B/103.20A		103.80 + 0.6 108.40 + 0.7	0 .8947			1 2		5 - 54 -	

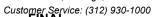
METALS OPTIONS PRODUCTS

Side 06





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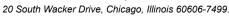


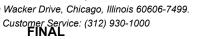
PG64	4 BULLET	IN # 18@		M	ETALS OPTION	N PRODUCTS				Fri,	Jan 27	, 2023 PG64	4
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER	OPEN OUTCRY	GLOBEX®		OPEN	
OG PL		COMEX GOLD OPTI	IONS					CISES	VOLUME	VOLUME	VOLUME	INTEREST	
MAR23 2055 2060 2075 2080 2095 2100 2125 2150 2175 2200		131.70 	128.108/112.40A 143.40B/126.40A 147.20B/131.70A 161.80B/145.90A 167.60B/150.40A 192.20B/174.70A 216.90B/199.30A 242.00B/224.00A	161.80B/145.90A 167.60B/150.40A 192.20B/174.70A 216.90B/199.30A	 	$\begin{array}{r} 113.00 + 0.70 \\ 117.60 + 0.70 \\ 131.80 + 0.80 \\ 136.50 + 0.70 \\ 151.00 + 0.80 \\ 155.80 + 0.80 \\ 180.30 + 1.00 \\ 204.90 + 1.00 \\ 229.60 + 1.00 \\ 254.50 + 1.00 \end{array}$.9038 .9111 .9306 .9357 .9504 .9533 .9688 .9792 .9849 .9880			1 		12 UNC 2 UNC 16 + 1 UNC 7 UNC 4 UNC 10 UNC 7 UNC 8 UNC	CH CH CH CH CH CH
2400 TOTAI	 L			465.40B/449.10A		454.40 + 1.10	.9974			4768	127	4 UNC 77870 - 35	CH
APR23 1100 1125 1150 1175 1200	3 					0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000					112 UNC 11 UNC 60 UNC 197 UNC 2083 UNC	CH CH CH
1250 1275 1300						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000 .0001 .0002			 14		230 UNC 37 UNC 663 + 1	
1325 1350 1360						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0004 .0007 .0009					72 UNC 507 UNC 239 UNC	CH CH
1370 1375 1380						0.10 UNCH 0.10 UNCH 0.20 + 0.10	.0011 .0012 .0022					1 UNC 112 UNC 14 UNC	CH CH
1390 1400 1410						$\begin{array}{ccccc} 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \end{array}$.0023 .0023 .0024					2 UNC 311 UNC 70 UNC	CH CH
1420 1425 1430						$\begin{array}{ccccc} 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \end{array}$.0024 .0025 .0025					3 UNC 304 UNC 19 UNC	CH CH
1440 1450 1460						$\begin{array}{cccc} 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \end{array}$.0025 .0026 .0026					51 UNC 90 UNC 131 UNC	CH CH
1465 1470 1475						$\begin{array}{ccccc} 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \\ 0.20 & + & 0.10 \end{array}$.0027 .0027 .0027 .0028			1		5 UNC 102 UNC 563 UNC 115 UNC	CH CH
1480 1485 1490	0.20	0.20	0.20/0.20	0.20/0.20		0.20 + 0.10 0.20 + 0.10 0.20 + 0.10 0.20 UNCH	.0028 .0028 .0028			 25		33 UNC 87 UNC	CH
1500 1505 1510 1515	0.20	0.20	0.20/0.20	0.20/0.20		0.20 UNCH 0.20 UNCH 0.20 UNCH	.0029 .0030 .0030			 1		42 UNC 22 UNC 146 UNC	CH CH
1520 1525 1530						0.20 UNCH 0.20 UNCH 0.20 UNCH 0.20 UNCH	.0030 .0031 .0031			23 		58 + 1 151 UNC 42 UNC	17 CH
1535 1540 1545	0.20	0.20	 0.20/0.20	 0.20/0.20		0.20 UNCH 0.20 UNCH 0.20 - 0.10	.0031 .0032 .0032			 3		139 UNC 106 UNC 17 UNC	CH CH
1550 1555 1560	0.30	0.30	0.30/0.30	0.30/0.30		$\begin{array}{cccc} 0.20 & - & 0.10 \\ 0.20 & - & 0.10 \\ 0.20 & - & 0.10 \end{array}$.0033 .0033 .0033			12 2		631 UNC 114 UNC 69 UNC	CH
1565 1570 1575						0.30 UNCH 0.30 UNCH 0.30 UNCH	.0048 .0048 .0049					59 UNC 48 UNC 434 UNC	CH
1580 1585 1590 1595	0.30 0.40	0.30 0.40 	0.30/0.30 0.40/0.40 /*0.30A	0.30/0.30 0.40/0.40 /*0.30A		0.30 UNCH 0.30 UNCH 0.30 - 0.10 0.30 - 0.10	.0050 .0050 .0051 .0052			7 1 3 2			7 CH 3 2
1600 1605 1610	0.30 0.30	0.30 0.30	0.30/*0.30 0.30/*0.30	0.30/*0.30 0.30/*0.30		0.40 UNCH 0.40 UNCH 0.40 UNCH	.0066 .0067 .0068			38 1 31		1503 - 3 28 UNC	36
1615 1620 1625 1630	0.50	0.50	0.50/0.40	0.50/0.40	 	0.40 UNCH 0.40 UNCH 0.40 - 0.10 0.50 UNCH 0.50 UNCH	.0069 .0070 .0071 .0087			12 2		13 UNC 113 + 435 UNC 211 -	CH 5 CH 2
1635 1640 1645 1650	0.50 0.60	0.50 0.60	0.50/0.50 /*0.50A 0.60/*0.50	0.50/0.50 /*0.50A 0.60/*0.50		0.50 UNCH 0.50 - 0.10 0.50 - 0.10	.0088 .0089 .0091 .0092			4 15		39 + 45 UNC	1
1655 1660 1665	0.50 0.60	0.50 0.60	0.70/*0.50 0.70/*0.60	0.70/*0.50 0.70/*0.60		0.60 UNCH 0.60 - 0.10 0.60 - 0.10	.0108 .0110 .0112			30 3		37 UNC 548 + 50 UNC	2
1670 1675 1680	0.70 0.80 0.80	0.70 0.80 0.80	0.70/*0.70 0.80/0.70 0.80/0.80	0.70/*0.70 0.80/0.70 0.80/0.80		$\begin{array}{rrrrr} 0.70 & - & 0.10 \\ 0.70 & - & 0.10 \\ 0.80 & - & 0.10 \end{array}$.0128 .0130 .0147			9 11 5			5 7 1
1685 1690 1695			/0.90A /*0.90A /*1.00A	/0.90A /*0.90A /*1.00A		$\begin{array}{cccc} 0.90 & - & 0.10 \\ 0.90 & - & 0.10 \\ 1.00 & - & 0.10 \end{array}$.0164 .0167 .0184			3			СН 1
1700 1705 1710	1.10 1.00	1.10 1.00 	1.10/1.10 1.00/*1.00 /*1.20A	1.10/1.10 1.00/*1.00 /*1.20A		$\begin{array}{rrrr} 1.10 & - & 0.10 \\ 1.20 & - & 0.10 \\ 1.20 & - & 0.20 \end{array}$.0201 .0219 .0223			10 4 		223 - 1059 UNC	
1715 1720 1725 1730 1735	1.50 1.50 2.10	1.50 1.50 2.10	1.50/1.40A 1.50/1.50 /1.60A 2.10/*1.70A /1.80A	1.50/1.40A 1.50/1.50 /1.60A 2.10/*1.70A /1.80A		1.30 - 0.20 1.50 - 0.10 1.60 - 0.20 1.70 - 0.20 1.90 - 0.20	.0241 .0273 .0292 .0311 .0343			1 11 23			7
1740 1745 1750	2.20 2.60	2.20 2.60	2.30B/2.00A 2.50B/*2.10A 2.80B/2.30A	2.30B/2.00A 2.50B/*2.10A 2.80B/2.30A		2.10 - 0.10 2.30 - 0.10 2.50 - 0.10	.0376 .0409 .0443			1 2 80		191 + 56 +	1 1 15
1755 1760 1765	2.60 3.00	2.60 3.00	3.00B/2.50A 3.30B/2.70A 3.60B/*2.90A	3.00B/2.50A 3.30B/2.70A 3.60B/*2.90A		2.70 - 0.10 2.90 - 0.20 3.20 - 0.10	.0477 .0511 .0558			14 8 4		159 UNC 42 UNC	
1770 1775 1780	3.40 4.00 4.10	3.40 4.00 4.10	3.90B/3.20A 4.20B/3.40A 4.60B/3.70A	3.90B/3.20A 4.20B/3.40A 4.60B/3.70A		3.40 - 0.20 3.70 - 0.20 4.00 - 0.20	.0594 .0642 .0690			1 8 19	200	578 + 16 307 + 1	13
1785 1790 1795	4.50	4.50 	5.00B/4.00A 5.40B/4.40A 5.90B/4.70A	5.00B/4.00A 5.40B/4.40A 5.90B/4.70A		4.40 - 0.20 4.80 - 0.20 5.20 - 0.20	.0750 .0811 .0872			8 5 		177 + 90 UNC	8 5 CH
1800 1805 1810	6.00 6.50	6.00 6.50	6.40/5.10A 7.00B/5.60A 7.60B/6.00A	6.40/5.10A 7.00B/5.60A 7.60B/6.00A		5.60 - 0.20 6.10 - 0.20 6.60 - 0.20	.0934 .1007 .1081			99 10	250 	3147 + 25 308 UNC 282 +	
1815 1820 1825	7.70 7.50 8.70	7.70 7.50 8.70	8.20B/6.50A 8.90B/7.10A 9.70B/7.60A	8.20B/6.50A 8.90B/7.10A 9.70B/7.60A		7.10 - 0.30 7.70 - 0.30 8.40 - 0.20	.1155 .1240 .1334			8 8 25		238 + 675 + 606 -	5
1830 1835 1840	8.60 9.60 11.60 11.90	8.60 9.60 11.60 11.90	10.40B/8.30A 11.30B/8.90A 12.20B/9.70A 13.20B/10.40A	10.40B/8.30A 11.30B/8.90A 12.20B/9.70A 13.20B/10.40A		9.00 - 0.30 9.80 - 0.20 10.50 - 0.30 11.40 - 0.30	.1421 .1525 .1622			13 3 416 12			8 1 05
1845 1850 1855 1860	12.80 13.90 14.20	12.80 13.90 14.20	14.20B/11.20 15.40B/12.10A 16.50B/13.10A	14.20B/11.20 15.40B/12.10A 16.50B/13.10A		12.30 - 0.30 13.30 - 0.30 14.30 - 0.40	.1736 .1850 .1973 .2096			199 4 13	200	3276 + 11 348 +	17 1 7
1865 1870 1875	15.20 15.80 17.20	15.20 15.80 17.20	17.80B/14.10A 19.10B/15.20A 20.60B/16.40A	17.80B/14.10A 19.10B/15.20A 20.60B/16.40A		15.40 - 0.40 16.50 - 0.50 17.80 - 0.50	.2226 .2358 .2502			1 19 221		121 +	1 14
1880 1885 1890	20.30	20.30 19.60	22.10B/17.60A 23.70B/18.90A 25.40B/20.40A	22.10B/17.60A 23.70B/18.90A 25.40B/20.40A		19.10 - 0.50 20.50 - 0.50 22.00 - 0.50	.2646 .2797 .2952			204 19 14		518 + 17 667 + 1	72 17 13
1895 1900 1905	25.10 25.60 25.90	25.10 25.60 25.90	27.20B/21.80A 29.10B/23.40A 31.10B/25.10A	27.20B/21.80A 29.10B/23.40A 31.10B/25.10A		23.60 - 0.50 25.30 - 0.50 27.10 - 0.50	.3113 .3277 .3445			11 116 5		31 + 1 805 + 3	11 32 2
1910 1915 1920	28.90 32.30 31.80	28.90 32.30 31.80	33.20B/26.90A 35.40B/28.70A 37.70B/30.70A	33.20B/26.90A 35.40B/28.70A 37.70B/30.70A		28.90 - 0.60 30.90 - 0.50 32.90 - 0.60	.3614 .3788 .3962			78 5 5		250 + 6 78 UNC	68
1925 1930 1935	38.00 37.80 41.00	38.00 37.80 41.00	40.10B/32.70A 42.60B/34.80A 45.20B/37.10A	40.10B/32.70A 42.60B/34.80A 45.20B/37.10A		35.10 - 0.50 37.30 - 0.60 39.70 - 0.50	.4140 .4318 .4498			9 1 6		468 + 342 + 135 UNC	6 1 CH
1940 1945 1950 1955	40.50 43.40 46.80	40.50 43.40 46.80	47.90B/39.40A 50.70B/41.90A 53.50B/44.40A 56.40B/47.00A	47.90B/39.40A 50.70B/41.90A 53.50B/44.40A 56.40B/47.00A		42.10 - 0.60 44.60 - 0.60 47.30 - 0.60 50.00 - 0.60	.4678 .4858 .5037 .5215			77 5 75		723 + 4 81 +	48 2 58
1960 1965	55.70 	55.70 	59.40B/49.80A 62.50B/52.60A	59.40B/49.80A 62.50B/52.60A		52.80 - 0.60 55.70 - 0.60	.5391 .5566			1		359 + 240 UNC	1

METALS OPTIONS PRODUCTS

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

CME Group, Inc.







Fri, Jan 27, PG64 BULLETIN # 18@ METALS OPTION PRODUCTS 2023 PG64 OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE SETT.PRICE & PT.CHGE. DELTA EXER CISES GLOBEX® VOLUME OPEN INTEREST PNT VOLUME 65.70B/55.50A
69.00B/58.50A
72.40B/61.60A
772.40B/61.60A
779.50B/68.00A
83.10B/71.40A
86.80B/74.80A
90.50B/78.30A
94.40B/81.90A
98.30B/85.50A
106.30B/93.00A
114.50B/100.80A
114.50B/100.80A
114.50B/100.80A
114.50B/101.80A
112.20B/112.90A
113.50B/117.00A
112.90B/112.90A
113.50B/117.00A
122.90B/108.80A
127.20B/112.90A
135.90B/121.20A
144.70B/129.80A
147.70B/138.40A
149.20B/134.10A
158.30B/142.90A
167.50B/151.80A
176.70B/165.40A
181.40B/165.40A
181.40B/165.40A
186.10B/170.00A
190.10B/174.60A
190.50B/179.30A
197.50B/183.90A
204.30B/189.20A
204.30B/189.20A 65.70B/55.50A
69.00B/58.50A
72.40B/61.60A
72.40B/61.60A
75.90B/64.80A
79.50B/68.00A
83.10B/71.40A
86.80B/74.80A
90.50B/78.30A
94.40B/81.90A
98.30B/85.50A
102.30B/89.20A
106.30B/93.00A
114.50B/100.80A
114.50B/100.80A
112.290B/108.80A
127.20B/112.90A
113.50B/117.00A
122.90B/108.80A
127.20B/112.90A
113.50B/117.00A
135.90B/121.20A
144.70B/129.80A
144.70B/129.80A
145.370B/138.40A
158.30B/142.90A
167.50B/151.80A
176.70B/160.80A
181.40B/165.40A
183.80B/198.60A
199.50B/183.90A
204.30B/189.20A
204.30B/189.20A
204.30B/189.20A
203.30B/208.10A
223.30B/208.10A
223.30B/208.50A
213.80B/198.60A
223.30B/208.50A
213.80B/198.60A
223.30B/208.50A
317.10B/299.70A
341.70B/324.30A
366.60B/226.70A
267.90B/250.80A
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- 20 29 22 7 11 47 82 12 27 21 43 22 21 16 34 20 18 21 21 16 10 5 8 7 57 ------------2 77.40 77.40 105.60 105.60 1 1 1 1 178.70 178.70 192.80 192.80 ----212.10 212.10 ----8 --------8 23 1 37 8 + 6 45414+ 2228 650 TOTAL 67 .0000 .0002 .0004 .0011 .0012 .0023 .0025 .0025 .0025 .0025 .0025 .0025 .0025 .0025 .0026 .0038 .0039 .0039 .0039 .0039 .0040 .0041 .0041 .0054 .0057 .0057 .0057 .0058 .0059 1 6 1 65 2 73 127 51 41 27 71 11 13 75 24 31 2 50 0.60 46 13 35 2 33 7 0.60 0.60/*0.60 0.60/*0.60 --------/0.70A ----/*0.80A --------/0.70A ----/*0.80A 67 120 1.00 1.00 1.00/*0.90A 1.00/*0.90A 16 ----7 1 --------2 1.20/*1.00 1.20/*1.00 1.20 1.20 ----/*1.10A
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3.408/*3.10A
4.00/*3.50A
4.208/*3.70A
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3.00B/2.70A
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3.00B/2.70A
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4.00/*3.50A
4.00B/*3.30A
4.00B/*3.30A
4.00B/*3.50A
6.40B/\$1.50A
6.40B/\$1.50A
6.40B/\$1.50A
6.40B/\$1.90A
7.30B/6.30A
7.30B/6.30A UNCH 3 2 1025 3 36 1 3 28 2 1 2 2 1031 5 38 2 5 132 2 ----/*2.40A 3.00B/2.40 3.00B/2.70A 3.20B/*2.90A 3.40B/*3.10A 3.70B/*3.30A 4.00/*3.50A 4.20B/*3.70A 4.50B/*4.20A 5.20B/4.50A 5.20B/4.50A 6.40B/5.50A 6.40B/5.50A 6.40B/5.90A 7.30B/6.30A 7.30B/6.70A 8.40B/7.20A 9.00B/7.60A 9.00B/7.60A 9.00B/7.60A 10.20B/8.70A 10.20B/8.70A 11.60B/9.80A 12.40B/10.50A 13.20B/11.20A 2.40 2.40 3.00 3.30 3.60 4.00 3.00 3.30 3.60 4.00 2 15 2 2 2132 6 1 15 5 3 ----4.40 4.50 4.40 4.50 1 1916 5 UNCH 15 5 UNCH UNCH UNCH 2 1760 1765 1770 1775 1780 1785 1790 1795 1800 1805 1810 1815 1820 1825 1830 7.70 7.70 42 4 4614 3 25 29 12 271 30 500 9.30 8.80 9.80 1258 2 12 11.70 11.80 12.70 11 4 10 .1496 .1581

METALS OPTIONS PRODUCTS

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					IIIAL							FINAL								
PG64	G64 BULLETIN # 18@			М	ETALS OPTION	PRODUCTS				Fri,	Jan 27,	2023 PG6	64							
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DE	ELTA	EXER	OPEN OUTCRY	GLOBEX®		OPEI								
	_							CISES	VOLUME	VOLUME	VOLUME	INTERES	т							
OG PUT		COMEX GOLD OPT	15.10B/12.70A	15.10B/12.70A		13.40 - 0.40 .1	1666					154 UN	NCH							
1835 1840 1845	14.20	14.20	16.00B/13.50A 17.10B/14.40A	16.00B/13.50A 17.10B/14.40A		14.30 - 0.40 .1	1758 1850			2		210 -	1 NCH							
1850 1860			18.20B/15.30A 20.50B/17.20A	18.20B/15.30A 20.50B/17.20A		16.10 - 0.50 .1	1943 2148			14 		264 +	14 NCH							
1865 1870	22.30	22.30	21.80B/18.30A 23.10B/19.40A	21.80B/18.30A 23.10B/19.40A		19.40 - 0.40 .2 20.50 - 0.50 .2	2258 2364			 5		21 UN 60 +	NCH 3							
1875 1880	23.70	23.70	24.50B/20.60A 26.00B/21.90A	24.50B/20.60A 26.00B/21.90A		23.10 - 0.50 .2	2480 2597			2		51 UN	NCH NCH							
1885 1890 1895			27.50B/23.20A 29.20B/24.60A 30.80B/26.00A	27.50B/23.20A 29.20B/24.60A 30.80B/26.00A		26.00 - 0.50 .2	2718 2843 2968					301 UN	NCH NCH NCH							
1900 1905			32.60B/27.50A 34.40B/29.10A	32.60B/27.50A 34.40B/29.10A		29.10 - 0.60 .3 30.70 - 0.70 .3	3097 3227					589 UN	NCH NCH							
1910 1915			36.40B/30.80A 38.40B/32.60A	36.40B/30.80A 38.40B/32.60A		32.50 - 0.60 .3 34.30 - 0.70 .3	3363 3498					106 UN 4 UN	NCH NCH							
1920 1925	39.60	39.60	40.50B/34.40A 42.70B/36.30A	40.50B/34.40A 42.70B/36.30A		38.20 - 0.70 .3	3637 3777			1 1		4 + 320 +	1							
1930 1935	43.10	43.10 	44.90B/38.30A 47.30B/40.30A 49.60B/42.50A	44.90B/38.30A 47.30B/40.30A 49.60B/42.50A		42.50 - 0.70 .4	3919 4062 4205			2 			2 NCH NCH							
1940 1945 1950			52.10B/44.80A 54.70B/47.10A	52.10B/44.80A 54.70B/47.10A		47.00 - 0.70 .4	1349 1494					76 UN	NCH NCH							
1955 1960			57.40B/49.40A 60.10B/51.90A	57.40B/49.40A 60.10B/51.90A		52.00 - 0.60 .4 54.50 - 0.70 .4	4639 4783					3 UN 19 UN	NCH NCH							
1965 1970			63.00B/54.50A 65.90B/57.10A	63.00B/54.50A 65.90B/57.10A		59.90 - 0.60 .5	1927 5069						5 NCH							
1975 1980			68.90B/59.80A 71.90B/62.60A 75.00B/65.50A	68.90B/59.80A 71.90B/62.60A 75.00B/65.50A		65.50 - 0.50 .5	5211 5352 5490			2 			NCH NCH							
1985 1990 1995			78.20B/68.40A 81.50B/71.40A	78.20B/68.40A 81.50B/71.40A		71.50 - 0.50 .5	5629 5765					4 UN	NCH NCH							
2000 2005			84.80B/74.50A 88.10B/77.60A	84.80B/74.50A 88.10B/77.60A		77.70 - 0.60 .5 80.90 - 0.60 .6	5898 5029					7 UN	NCH NCH							
2010 2015			91.50B/80.80A 95.10B/84.10A	91.50B/80.80A 95.10B/84.10A		87.60 - 0.50 .6	5159 5285					3 UN	NCH NCH							
2020 2025			98.60B/87.40A 102.30B/90.90A	98.60B/87.40A 102.30B/90.90A		94.50 - 0.50 .6	5408 5530					9 UN	NCH NCH							
2030 2035 2040			106.00B/94.30A 109.80B/97.90A 113.60B/101.50A	106.00B/94.30A 109.80B/97.90A 113.60B/101.50A		101.70 - 0.30 .6	5649 5762 5875					5 UN	NCH NCH NCH							
2045 2050			117.50B/105.10A 121.40B/108.80A	117.50B/105.10A 121.40B/108.80A		109.10 - 0.20 .6	5984 7091					8 UN	NCH NCH							
2055 2060			125.40B/112.60A 129.40B/116.40A	125.40B/112.60A 129.40B/116.40A		116.70 - 0.20 .7 120.60 - 0.10 .7	7193 7295					14 UN 12 UN	NCH NCH							
2065 2070			133.40B/120.30A 137.50B/124.20A	133.40B/120.30A 137.50B/124.20A		128.50 - 0.10 .7	7396 7491					5 UN	NCH NCH							
2075 2080			141.60B/128.20A 145.80B/132.20A 150.00B/136.30A	141.60B/128.20A 145.80B/132.20A 150.00B/136.30A		136.50 - 0.20 .7	7581 7670 7758					3 UN	NCH NCH NCH							
2085 2090 2095			154.30B/140.40A 158.60B/144.50A	154.30B/140.40A 158.60B/144.50A		144.80 - 0.10 .7	7840 7922					3 UN	NCH NCH							
2100 2105			162.90B/148.70A 167.30B/152.90A	162.90B/148.70A 167.30B/152.90A		153.20 UNCH .7 157.40 UNCH .8	7996 3070					7 UN	NCH NCH							
2110 2115			171.70B/157.10A 176.10B/161.40A	171.70B/157.10A 176.10B/161.40A		166.10 + 0.10 .8	3144 3217					4 UN	NCH NCH							
2125 2130			185.00B/170.10A 189.50B/174.50A 203.10B/187.80A	185.00B/170.10A 189.50B/174.50A 203.10B/187.80A		179.20 + 0.20 .8	3348 3406 8576					2 UN	NCH NCH							
2145 2150 2175			207.70B/192.30A 230.90B/215.00A	207.70B/192.30A 230.90B/215.00A		197.10 + 0.30 .8	3576 3632 3867					3 UN	NCH NCH NCH							
2190 2195			244.00B/228.90A	244.00B/228.90A 248.70B/233.60A		234.00 + 0.70 .8	3980 9016					1 UN	NCH NCH							
2200 2225			278.30B/261.80A	254.40B/238.30A 278.30B/261.80A		267.00 + 0.90 .9	9053 9213					6 UN	NCH NCH							
2250 2275			302.40B/285.70A 326.70B/309.80A	302.40B/285.70A 326.70B/309.80A		315.00 + 1.00 .9	9351 9456					3 UN	NCH NCH							
2300 2350			351.10B/334.10A 400.30B/383.10A	351.10B/334.10A 400.30B/383.10A		339.40 + 1.10 .9 388.50 + 1.20 .9	9538 9663			 4979	 500	4 UN	NCH NCH 609							
TOTAL JUN23										1373	300	257051	505							
900 1000						0.10 UNCH -						14 UN	NCH NCH							
1025 1075						0.10 UNCH -						12 UN	NCH NCH NCH							
1080 1100 1175						0.10 UNCH -	0000					1 UN	NCH NCH							
1200 1210						0.10 UNCH .0	0000					5 UN	NCH NCH							
1225 1230						0.10 UNCH .0	0000					4 UN	NCH NCH							
1235 1250 1275						0.10 UNCH .0	0000 0001 0002					5 UN	NCH NCH NCH							
1300 1325						0.10 - 0.10 .0	0003					58 UN	NCH NCH							
1350 1360						0.10 - 0.10 .0	0010 0012					4 UN	NCH NCH							
1375 1385						0.20 - 0.10 .0	0023 0024					1 UN	NCH NCH							
1390 1400 1425						0.20 - 0.10 .0	0024 0024 0036					325 UN	NCH NCH NCH							
1435 1440						0.40 UNCH .0 0.40 UNCH .0	0046 0047					1 UN 3 UN	NCH NCH							
1450 1455						0.40 UNCH .0 0.40 - 0.10 .0	0048 0048			13 		1184 UN 1 UN	NCH NCH							
1475 1485						0.50 - 0.10 .0	0060 0062 0073					3 UN	NCH NCH							
1495 1500 1505						0.60 - 0.10 .0	0073 0074 0075					520 UN	NCH NCH NCH							
1510 1515						0.70 - 0.10 .0 0.70 - 0.10 .0	0085 0086					20 UN 46 UN	NCH NCH							
1520 1525			/*0.80A	/*0.80A		0.70 - 0.20 .0 0.80 - 0.10 .0	0087 0098					2 UN 30 UN	NCH							
1535 1540	1 10	 1 10	/*0.90A	/*0.90A		0.90 - 0.10 .0	0110 0111			 25			NCH NCH							
1550 1560 1570	1.10	1.10	1.10/*1.00A 	1.10/*1.00A 		1.00 - 0.10 .0	0123 0126 0139			25 		77 UN	25 NCH NCH							
1575 1580						1.20 - 0.10 .0	0150 0162					218 UN	NCH NCH							
1585 1590						1.30 - 0.10 .0 1.40 - 0.10 .0	0164 0175					1 UN 1000 UN	NCH NCH							
1595 1600			/*1.60A	/*1.60A		1.60 - 0.10 .0	0187 0199					1569 UN	NCH NCH							
1605 1610			/*1.80A /*1.80A /*1.90A	/*1.80A /*1.80A /*1.90A		1.70 - 0.30 .0	0201 0213 0225					13 UN	NCH NCH NCH							
1615 1620 1625			/*2.00A /*2.10A	/*1.90A /*2.00A /*2.10A		2.00 - 0.20 .0	0247 0259					95 UN	NCH NCH NCH							
1630 1635	2.10	2.10	2.10/*2.10 /*2.40A	2.10/*2.10 /*2.40A		2.20 - 0.20 .0 2.30 - 0.20 .0	0271 0284			10		75 + 3 UN	10 NCH							
1640 1645			/*2.50A /*2.60A	/*2.50A /*2.60A		2.40 - 0.20 .0 2.60 - 0.20 .0	0297 0318			1		497 UN 15 UN	NCH NCH							
1650 1655	2.90	2.90	2.90/*2.60 /*2.90A /*3.00A	2.90/*2.60 /*2.90A /*3.00A		2.90 - 0.10 .0	0331 0353 0375			30 	125 	5 UN	85 NCH							
1660 1665 1670			/*3.00A /*3.20A /*3.40A	/*3.00A /*3.20A /*3.40A		3.20 - 0.20 .0	0375 0389 0412					33 UN	NCH NCH NCH							
1675 1680	3.90	3.90	/*3.50A 4.00B/*3.70A	/*3.50A 4.00B/*3.70A		3.60 - 0.20 .0 3.80 - 0.20 .0	0434 0457					588 UN 21 +	NCH 8							
1685 1690			/*3.90A /*4.10A	/*3.90A /*4.10A		4.00 - 0.20 .0	0480 0504					51 UN	NCH NCH							

METALS OPTIONS PRODUCTS

Side 09









PG64 BULLETIN # 18@ METALS OPTION PRODUCTS Fri, Jan 27, 2023								Jan 27,	, 2023 PG64			
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG PUT	т	COMEX GOLD OF	PTIONS					01020	7020.12	7020.12	7020112	1111 ENES
1695 1700 1705	4.80	4.80	/*4.40A 4.80/*4.50 /*4.90A	/*4.40A 4.80/*4.50 /*4.90A		4.50 - 0.20 4.70 - 0.30 5.00 - 0.30	.0535 .0559 .0591			1 5 		15 + 1 1761 + 4 7 UNCH
1710 1715 1720	5.60	5.60	/5.20A 6.00B/5.50A 6.40B/*5.70A	/5.20A 6.00B/5.50A 6.40B/*5.70A		5.30 - 0.30 5.60 - 0.30 5.90 - 0.30	.0623 .0656 .0689			4 1 		101 + 2 8 UNCH 46 UNCH
1725 1730 1735	5.90 	5.90 	6.80B/*5.90 7.20B/*6.40A 7.60B/*6.70A	6.80B/*5.90 7.20B/*6.40A 7.60B/*6.70A		6.20 - 0.40 6.60 - 0.30 6.90 - 0.40	.0722 .0763 .0797			10 		1567 + 8 34 UNCH 59 UNCH
1740 1745 1750	7.20 	7.20 	8.00B/*7.10A 8.50B/7.50A 8.90B/7.90A	8.00B/*7.10A 8.50B/7.50A 8.90B/7.90A		7.30 - 0.40 7.80 - 0.30 8.20 - 0.30	.0838 .0887 .0929			1 604		43 + 1 22 UNCH 2342 + 509
1755 1760			9.40B/8.40A 10.00B/8.80A 10.60B/9.30A	9.40B/8.40A 10.00B/8.80A 10.60B/9.30A		8.70 - 0.30 9.20 - 0.30 9.70 - 0.30	.0978 .1028 .1078			1 1		99 UNCH 37 UNCH 19 + 1
1765 1770 1775			11.20B/9.90A 11.80B/10.40A 12.50B/11.00A	11.20B/9.90A 11.80B/10.40A 12.50B/11.00A		10.20 - 0.40 10.80 - 0.40 11.40 - 0.40	.1128 .1185 .1242					36 UNCH 285 UNCH 85 UNCH
1780 1785 1790	13.50	13.50	13.20B/11.60A 13.90B/12.20A	13.20B/11.60A 13.90B/12.20A		12.00 - 0.50 12.70 - 0.50	.1300 .1364			21		25 UNCH 29 + 11
1800 1805 1810			15.50B/13.60A 16.30B/14.30A 17.20B/15.10A	15.50B/13.60A 16.30B/14.30A 17.20B/15.10A		14.10 - 0.60 14.90 - 0.60 15.70 - 0.60	.1494 .1565 .1636			602 20	308 	1716 + 694 41 UNCH 364 - 20
1815 1820 1825			18.20B/15.90A 19.20B/16.80A 20.30B/17.70A	18.20B/15.90A 19.20B/16.80A 20.30B/17.70A		16.60 - 0.60 17.50 - 0.60 18.40 - 0.70	.1713 .1790 .1867			 3		10 UNCH 506 UNCH 7351 UNCH
1830 1835 1840	22.00	22.00	21.30B/18.60A 22.50B/19.60A 23.60B/20.60A	21.30B/18.60A 22.50B/19.60A 23.60B/20.60A		19.40 - 0.70 20.40 - 0.70 21.50 - 0.70	.1950 .2033 .2121			 3		16 UNCH 4 UNCH 42 + 2
1845 1850 1855	24.40 25.20	24.40 25.20	24.90B/21.60A 26.10B/22.80A 27.50B/23.90A 28.90B/25.20A	24.90B/21.60A 26.10B/22.80A 27.50B/23.90A		22.60 - 0.70 23.80 - 0.60 25.00 - 0.60	.2209 .2301 .2394			4 15		7 UNCH 1498 + 4 207 - 1
1860 1865 1870	26.50 	26.50 	30.30B/26.50A 31.90B/27.80A	28.90B/25.20A 30.30B/26.50A 31.90B/27.80A		26.30 - 0.50 27.70 - 0.40 29.00 - 0.60	.2491 .2592 .2690			1 		175 + 1 11 UNCH 190 UNCH
1875 1880 1885			33.50B/29.20A 35.10B/30.70A 36.90B/32.20A	33.50B/29.20A 35.10B/30.70A 36.90B/32.20A		30.50 - 0.70 32.00 - 0.80 33.60 - 0.80	.2795 .2899 .3007			1 		188 + 1 18 UNCH 2 UNCH
1890 1895 1900	40.10	 40.10	38.60B/33.80A 40.50B/35.40A 42.50B/37.10A	38.60B/33.80A 40.50B/35.40A 42.50B/37.10A		35.20 - 0.90 36.90 - 0.80 38.70 - 0.80	.3115 .3226 .3339			 66		29 UNCH 9 UNCH 550 + 13
1910 1915 1920			46.40B/40.80A 48.60B/42.70A 50.80B/44.70A	46.40B/40.80A 48.60B/42.70A 50.80B/44.70A		42.40 - 0.90 44.40 - 0.90 46.40 - 1.00	.3568 .3685 .3802					65 UNCH 113 UNCH 16 UNCH
1925 1930 1935			53.10B/46.70A 55.40B/48.80A 57.80B/51.00A	53.10B/46.70A 55.40B/48.80A 57.80B/51.00A		48.60 - 0.90 50.70 - 1.00 53.00 - 1.00	.3922 .4040 .4161			 7		63 UNCH 26 + 3 19 UNCH
1940 1945 1950			60.30B/53.20A 62.80B/55.60A 65.40B/57.90A	60.30B/53.20A 62.80B/55.60A 65.40B/57.90A		55.30 - 1.00 57.70 - 1.00 60.20 - 0.90	.4281 .4401 .4522			 5		67 UNCH 5 UNCH 108 + 5
1955 1960			68.10B/60.40A 70.90B/63.00A 73.70B/65.60A	68.10B/60.40A 70.90B/63.00A 73.70B/65.60A		62.70 - 1.00 65.30 - 0.90 68.00 - 0.90	.4643 .4763 .4883			 6		32 UNCH 88 UNCH 108 + 6
1965 1970 1975			76.60B/68.20A 79.50B/70.90A 82.60B/73.70A	76.60B/68.20A 79.50B/70.90A 82.60B/73.70A		70.70 - 0.90 73.50 - 0.90 76.40 - 0.80	.5002 .5120 .5237			20 	154 	487 + 154 89 UNCH 31 UNCH
1980 1985 1990			85.60B/76.60A 88.80B/79.50A	85.60B/76.60A 88.80B/79.50A		79.30 - 0.80 82.30 - 0.80 85.30 - 0.80	.5353 .5469					39 UNCH 12 UNCH
1995 2000 2005			92.00B/82.40A 95.20B/85.50A 98.50B/88.60A	92.00B/82.40A 95.20B/85.50A 98.50B/88.60A		88.40 - 0.80 91.60 - 0.70	.5582 .5694 .5805			1		11 UNCH 117 + 1 5 UNCH
2010 2015 2020			101.90B/91.70A 105.20B/94.90A 108.70B/98.20A	101.90B/91.70A 105.20B/94.90A 108.70B/98.20A		94.80 - 0.70 98.10 - 0.70 101.50 - 0.60	.5914 .6022 .6127					11 UNCH 7 UNCH 8 UNCH
2025 2030 2035			115.80B/104.90A 119.40B/108.30A	119.40B/108.30A		104.80 - 0.70 108.30 - 0.60 111.80 - 0.60	.6232 .6334 .6433					11 UNCH 16 UNCH 9 UNCH
2040 2045 2050			123.10B/111.80A 126.80B/115.30A 130.60B/118.90A	A 126.80B/115.30A A 130.60B/118.90A		115.30 - 0.60 118.90 - 0.60 122.60 - 0.60	.6531 .6629 .6723					13 UNCH 8 UNCH 400 UNCH
2055 2060 2065			134.40B/122.50A 138.30B/126.20A 142.20B/129.90A	138.30B/126.20A		126.20 - 0.60 130.00 - 0.60 133.80 - 0.50	.6814 .6903 .6993					12 UNCH 10 UNCH 7 UNCH
2070 2075 2080	 144.50	 144.50	146.10B/133.70A 150.10B/137.50A 154.10B/141.40A	150.10B/137.50A		137.60 - 0.50 141.40 - 0.60 145.30 - 0.50	.7078 .7162 .7246			 1		10 UNCH 17 UNCH 10 + 1
2085 2090 2095			158.20B/145.30A 162.20B/149.20A 166.40B/153.20A	A 158.20B/145.30A A 162.20B/149.20A		149.30 - 0.50 153.30 - 0.40 157.30 - 0.40	.7326 .7401 .7479					3 UNCH 13 UNCH 9 UNCH
2100 2105 2110			170.50B/157.20A 174.70B/161.20A 178.90B/165.30A	170.50B/157.20A 174.70B/161.20A		161.40 - 0.30 165.50 - 0.30 169.60 - 0.30	.7553 .7622 .7695					6 UNCH 9 UNCH 5 UNCH
2115 2120			183.20B/169.40A 187.40B/173.60A 191.70B/177.80A	183.20B/169.40A 187.40B/173.60A		173.70 - 0.30 177.90 - 0.30 182.20 - 0.10	.7758 .7825 .7887					4 UNCH 2 UNCH 14 UNCH
2125 2130 2135			196.10B/182.00A 200.40B/186.20A 204.80B/190.50A	A 196.10B/182.00A A 200.40B/186.20A		186.40 - 0.10 190.70 - 0.10 195.00 UNCH	.7948 .8009 .8070					13 UNCH 17 UNCH
2140 2145 2150			209.20B/194.80A 213.70B/199.10A	A 209.20B/194.80A A 213.70B/199.10A		199.30 UNCH 203.70 + 0.10	.8125 .8179					9 UNCH 28 UNCH
2155 2160 2165			218.10B/203.50A 222.50B/207.80A 227.00B/212.20A	A 222.50B/207.80A A 227.00B/212.20A		208.00 UNCH 212.40 + 0.10 216.90 + 0.20	.8233 .8287 .8334					11 UNCH 12 UNCH 16 UNCH
2170 2175 2180			231.50B/216.60A 236.00B/221.00A 240.60B/225.50A	A 236.00B/221.00A A 240.60B/225.50A		221.30 + 0.20 225.80 + 0.20 230.20 + 0.20	.8382 .8429 .8475					10 UNCH 13 UNCH 12 UNCH
2185 2190 2195			245.10B/230.00A 249.70B/234.50A 254.30B/239.00A	A 249.70B/234.50A A 254.30B/239.00A		234.70 + 0.20 239.20 + 0.20 243.80 + 0.30	.8521 .8567 .8607					1 UNCH 3 UNCH 5 UNCH
2200 2205 2210			258.90B/243.50A 263.50B/248.10A 268.20B/252.60A	A 263.50B/248.10A A 268.20B/252.60A		248.30 + 0.30 252.90 + 0.40 257.50 + 0.40	.8646 .8685 .8723					8 UNCH 4 UNCH 11 UNCH
2215 2220 2225			272.80B/257.20A 277.50B/261.80A 282.10B/266.40A	A 277.50B/261.80A A 282.10B/266.40A		262.00 + 0.30 266.70 + 0.40 271.30 + 0.40	.8762 .8800 .8831					8 UNCH 6 UNCH 9 UNCH
2230 2235 2240			286.80B/271.00A 291.50B/275.60A 296.20B/280.30A	A 291.50B/275.60A A 296.20B/280.30A		275.90 + 0.40 280.60 + 0.50 285.20 + 0.50	.8862 .8900 .8930					4 UNCH 9 UNCH 20 UNCH
2245 2250 2255			299.80B/285.00A 305.70B/289.60A 309.20B/294.30A	A 299.80B/285.00A A 305.70B/289.60A A 309.20B/294.30A		289.90 + 0.50 294.60 + 0.60 299.30 + 0.60	.8961 .8991 .9014					2 UNCH 16 UNCH 1 UNCH
2260 2265 2275			314.00B/299.00A 318.70B/304.70A 329.40B/313.20A	314.00B/299.00A 318.70B/304.70A		304.00 + 0.60 308.70 + 0.60 318.20 + 0.70	.9044 .9073 .9118					2 UNCH 1 UNCH 14 UNCH
2300 2325 2350			353.40B/336.90A 377.60B/360.90A 401.90B/385.10A	353.40B/336.90A 377.60B/360.90A		342.10 + 0.90 366.10 + 0.90 390.30 + 1.00	.9233 .9329 .9415					181 UNCH 6 UNCH 1 UNCH
2400 2500			450.80B/433.80A 549.70B/532.40A 574.60B/557.20A	450.80B/433.80A 549.70B/532.40A		439.10 + 1.10 537.90 + 1.20 562.80 + 1.20	.9549 .9734 .9769					79 UNCH 51 UNCH 108 UNCH
2525 2550 2600			599.60B/582.00A 647.70B/633.50A	599.60B/582.00A		587.70 + 1.20 637.70 NEW	.9795 .9846			5 1500	 587	25 UNCH 5 + 5 32799 + 1311
TOTAL JUL23 1200						0.10 UNCH	.0009					4866 UNCH
1225 1250 1275						0.20 + 0.10 0.20 + 0.10 0.20 + 0.10 0.20 UNCH	.0018 .0019 .0019					30 UNCH 5 UNCH 75 UNCH
1300 1325 1400						0.30 + 0.10 0.30 UNCH 0.50 UNCH	.0028 .0030 .0051					19 UNCH 25 UNCH 102 UNCH
1410 1410 1425 1430						0.50 UNCH 0.60 UNCH 0.60 UNCH	.0052 .0062 .0063					1 UNCH 65 UNCH 1 UNCH
1450 1460			 			0.70 UNCH 0.80 UNCH	.0074 .0084					305 UNCH 1 UNCH

METALS OPTIONS PRODUCTS

Side 10

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





CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499.

Customer Service: (312) 930-1000 FINAL

PG6	4 BULLET	IN # 18@			METALS OPTION	PRODUCTS				Fri,	Jan 27	, 2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN EREST
OG PU JUL23 1475		COMEX GOLD OPT	TIONS			0.80 - 0.10	.0086					1	UNCH
1500 1505 1525						1.00 - 0.10 1.10 - 0.10 1.30 - 0.10	.0108 .0118 .0139					37 1 25	UNCH UNCH UNCH
1535 1540 1550 1560			 /*1.70A	 /*1.70A	 	1.40 - 0.10 1.50 - 0.10 1.60 - 0.20 1.80 - 0.10	.0151 .0161 .0172 .0192					1 20 11 3	UNCH UNCH UNCH UNCH
1565 1575	2.10	2.10	2.10/2.10 /*2.20A	2.10/2.10 /*2.20A		1.90 NEW 2.10 - 0.10 2.20 - 0.10	.0202 .0223 .0233			8 10 		8 + 20 + 6	8 10 UNCH
1580 1590 1600			/*2.40A	/*2.40A		2.40 - 0.10 2.60 - 0.10	.0254 .0276					1 21	UNCH UNCH
1605 1635 1640 1650			/*2. 80A/*3. 80A/*4. 80A/*4. 80A/*5. 10A/*5. 80A/*5. 80A/*5. 80A/*5. 80A/*6. 10A/*6. 70A/*7. 30A/*7. 70A/*8. 10A 9. 10B/8. 50A	/*2.80A /*3.60A /*3.80A /*4.20A	====	2.70 - 0.20 3.60 - 0.20 3.70 - 0.30 4.10 - 0.30	.0287 .0378 .0390 .0429					10 1 1 5 <u>6</u>	UNCH UNCH UNCH UNCH
1660 1665 1670 1675			/4.60A /*4.80A /*5.10A /*5.30A	/4.60A /*4.80A /*5.10A /*5.30A /*5.80A	 	4.50 - 0.30 4.70 - 0.40 5.00 - 0.30 5.20 - 0.40	.0469 .0489 .0516 .0537			 8		7 1 8 32 +	UNCH UNCH UNCH 8
1680 1685 1690			/*5.60A /*5.80A /6.10A	/*5.60A /*5.80A /6.10A		5.50 - 0.40 5.80 - 0.40 6.10 - 0.40	.0564 .0592 .0620					10 6 4	UNCH UNCH UNCH
1695 1700 1705			/*6.40A /6.70A /*7.004	/6.10A /*6.40A /6.70A		6.40 - 0.40 6.70 - 0.40 7.00 - 0.50	.0648 .0677 .0705					5 24 2	UNCH UNCH UNCH
1710 1715			/*7.30A /7.70A	/*7.00A /*7.30A /7.70A /8.10A		7.40 NEW 7.70 - 0.50 8.10 - 0.50	.0740 .0770 .0805			2 		2 + 1 5	2 UNCH UNCH
1720 1725 1730			9.50B/8.90A	9.10B/8.50A 9.50B/8.90A		8.50 - 0.50 9.00 - 0.40	.0841					102 32	UNCH UNCH
1735 1740 1745			10.00B/9.30A 10.50B/9.70A 11.00B/10.20A	10.00B/9.30A 10.50B/9.70A 11.00B/10.20A		9.40 - 0.50 9.90 NEW 10.40 NEW	.0920 .0962 .1005			1 1		1 1 + 1 +	UNCH 1 1
1750 1770 1775	11.50	11.50 	11.60B/10.70A 14.10B/12.90A 14.80B/13.50A	11.60B/10.70A 14.10B/12.90A 14.80B/13.50A		10.90 - 0.40 13.10 - 0.50 13.80 - 0.50	.1048 .1234 .1289			4 		87 1 93	UNCH UNCH UNCH
1780 1800			15.50B/14.10A 18.70B/16.90A	15.50B/14.10A 18.70B/16.90A		14.40 - 0.60 17.40 - 0.60	.1340 .1574					6 127 1	UNCH UNCH
1820 1825 1830			22.50B/20.30A 23.50B/21.20A 24.60B/22.20A	22.50B/20.30A 23.50B/21.20A 24.60B/22.20A		21.90 - 0.60 22.90 - 0.70	.1836 .1907 .1979					75 6	UNCH UNCH UNCH
1840 1845 1850			27.00B/24.20A 28.20B/25.30A 29.50B/26.50A	27.00B/24.20A 28.20B/25.30A 29.50B/26.50A		25.10 - 0.60 26.20 - 0.70 27.40 - 0.70	.2130 .2207 .2287					3 60 281	UNCH UNCH UNCH
1860 1870 1875			32.20B/28.90A 35.10B/31.50A 36.70B/32.90A	32.20B/28.90A 35.10B/31.50A 36.70B/32.90A		29.90 - 0.70 32.60 - 0.80 34.00 - 0.80	.2451 .2623 .2710					66 9 20	UNCH UNCH UNCH
1880 1890 1895			38.30B/34.30A 41.60B/37.30A 43.40B/38.90A	38.30B/34.30A 41.60B/37.30A 43.40B/38.90A		35.50 - 0.80 38.60 - 0.80 40.30 - 0.80	.2801 .2985 .3080					51 203 10	UNCH UNCH UNCH
1900 1910			45.20B/40.50A 49.00B/44.00A	45.20B/40.50A 49.00B/44.00A		42.00 - 0.80 45.50 - 0.90	.3176 .3370			10		23 + 2	9 UNCH
1925 1930 1945	52.40	52.40	55.20B/49.60A 57.40B/51.60A 64.40B/58.00A	55.20B/49.60A 57.40B/51.60A 64.40B/58.00A		51.30 - 0.90 53.40 NEW 59.90 - 1.00	.3670 .3773 .4082			6		16 6 + 1	UNCH 6 UNCH
1950 1975 1980			66.80B/60.20A 79.90B/72.40A 82.70B/75.00A 85.60B/77.60A	66.80B/60.20A 79.90B/72.40A 82.70B/75.00A		62.20 - 1.00 74.70 - 0.90 77.30 NEW	.4186 .4707 .4811			 6		271 30 6 +	UNCH UNCH 6
1985 1990 1995	84.70	 84.70	88.50B/80.30A 91.50B/83.10A	85.60B/77.60A 88.50B/80.30A 91.50B/83.10A		80.10 - 0.90 82.90 - 0.90 85.70 - 0.90	.4914 .5016 .5118			 1		2 1 12 +	UNCH UNCH 1
2000 2005 2010			94.50B/86.00A 97.60B/88.90A 100.70B/91.80A	94.50B/86.00A 97.60B/88.90A 100.70B/91.80A		88.60 - 0.90 91.60 - 0.90 94.60 - 0.90	.5219 .5319 .5417					16 1 2	UNCH UNCH UNCH
2015 2020			103.90B/94.80A 107.20B/97.90A 110.50B/101.00A	103.90B/94.80A 107.20B/97.90A 110.50B/101.00A		97.60 - 0.90 100.80 - 0.80 103.90 - 0.90	.5515 .5612 .5706					1 2 4	UNCH UNCH UNCH
2025 2030 2045			113.80B/104.10A 124.10B/114.10A	113.80B/104.10A 124.10B/114.10A		107.10 - 0.90 117.10 - 0.80	.5800 .6075					5 2	UNCH UNCH
2050 2060 2065			127.60B/117.40A 134.80B/124.30A 138.50B/127.80A	127.60B/117.40A 134.80B/124.30A 138.50B/127.80A		120.50 - 0.80 127.50 - 0.70 131.00 - 0.70	.6164 .6337 .6421					16 3 2	UNCH UNCH UNCH
2070 2075 2080			142.20B/131.30A 145.90B/134.90A 149.70B/138.50A	142.20B/131.30A 145.90B/134.90A 149.70B/138.50A		134.60 - 0.70 138.20 - 0.70 141.90 - 0.60	.6503 .6584 .6665					4 5 3	UNCH UNCH UNCH
2085 2090 2095			153.50B/142.10A 157.40B/145.80A 161.30B/149.60A	153.50B/142.10A 157.40B/145.80A 161.30B/149.60A		145.60 - 0.60 149.40 - 0.50 153.20 - 0.50	.6742 .6819 .6893					4 5 4	UNCH UNCH UNCH
2100 2105 2110			165.20B/153.40A 169.10B/157.20A 173.10B/161.00A	165.20B/153.40A 169.10B/157.20A 173.10B/161.00A		157.00 - 0.50 160.80 - 0.50 164.70 - 0.50	.6969 .7039 .7111					3 10 10	UNCH UNCH UNCH
2115 2120 2125			177.10B/164.90A 181.20B/168.80A 185.20B/172.70A	177.10B/164.90A 181.20B/168.80A 185.20B/172.70A		168.70 - 0.40 172.60 - 0.40 176.60 - 0.40	.7179 .7247 .7312					8 3 4	UNCH UNCH UNCH
2130 2135 2145			189.30B/176.70A 193.50B/180.70A 201.80B/188.80A	189.30B/176.70A 193.50B/180.70A 201.80B/188.80A		180.60 - 0.40 184.70 - 0.30 192.90 - 0.20	.7375 .7438 .7560					2 3 1	UNCH UNCH UNCH
2150 2155 2160			206.00B/192.90A 210.20B/197.00A 214.50B/201.20A	206.00B/192.90A 210.20B/197.00A 214.50B/201.20A		197.00 - 0.20 201.20 - 0.20 205.30 - 0.20	.7618 .7676 .7734					8 2 6	UNCH UNCH UNCH
2165 2170 2175			218.80B/205.40A 223.10B/209.60A 227.40B/213.80A	218.80B/205.40A 223.10B/209.60A 227.40B/213.80A		209.60 - 0.10 213.80 - 0.10 218.10 - 0.10	.7787 .7839 .7892					7 5 22	UNCH UNCH UNCH
2200 2210 2215			249.40B/235.30A 258.20B/244.00A 262.70B/248.40A	249.40B/235.30A 258.20B/244.00A 262.70B/248.40A		239.70 + 0.10 248.50 + 0.10 252.90 + 0.20	.8131 .8218 .8263					18 11 1	UNCH UNCH UNCH
2225 2230 2235			271.70B/257.20A 276.20B/261.70A 280.80B/266.10A	271.70B/257.20A 276.20B/261.70A 280.80B/266.10A		261.80 + 0.20 266.20 + 0.20 270.70 + 0.20	.8344 .8383 .8423					18 2 2	UNCH UNCH UNCH
2240 2245 2250			285.30B/270.60A 289.90B/275.10A 294.40B/279.60A	285.30B/270.60A 289.90B/275.10A 294.40B/279.60A		275.20 + 0.20 279.70 + 0.30 284.30 + 0.40	.8457 .8496 .8530					2 3 7	UNCH UNCH UNCH
2255 2265 2270 2280			299.00B/284.10A 308.20B/293.20A 312.90B/297.80A 322.20B/307.00A	299.00B/284.10A 308.20B/293.20A 312.90B/297.80A 322.20B/307.00A	 	288.80 + 0.30 297.90 + 0.40 302.50 + 0.40 311.70 + 0.50	.8564 .8630 .8663 .8723					2 1 1 6	UNCH UNCH UNCH UNCH
2300 2320 2325			340.90B/325.50A 359.70B/344.10A 364.40B/348.80A	340.90B/325.50A 359.70B/344.10A 364.40B/348.80A		330.20 + 0.50 348.90 + 0.60 353.60 + 0.60	.8840 .8943 .8963					3 2 1	UNCH UNCH UNCH
2330 2350 2375			367.40B/353.50A 388.20B/372.40A 412.20B/396.20A	367.40B/353.50A 388.20B/372.40A 412.20B/396.20A		358.30 + 0.60 377.30 + 0.80 401.10 + 0.80	.8988 .9076 .9174					3 9 6	UNCH UNCH UNCH
2400 2475 2525		497.40 546.80	436.30B/420.10A 509.40B/492.80A 558.50B/541.80A	436.30B/420.10A 509.40B/492.80A 558.50B/541.80A		425.10 + 0.90 497.90 NEW 547.00 NEW	.9258 .9463 .9561			1 3		16 1 + 3 +	UNCH 1 3
2550 2700 TOTA	573.50	573.50	583.20B/566.40A	583.20B/566.40A 730.40B/715.20A		571.60 + 1.10 721.00 + 1.20	.9608 .9788			 69		22 + 1 7745+	7 UNCH 63
AUG23 1200						0.20 UNCH 0.30 - 0.10	.0017					10	UNCH
1275 1325 1350						0.40 - 0.10 0.50 - 0.10	.0027 .0038 .0047					30 50 40	UNCH UNCH UNCH
1375 1410 1425						0.60 - 0.10 0.80 - 0.10 0.90 - 0.10	.0057 .0077 .0087					9 1 30	UNCH UNCH UNCH
1430 1450 1500						1.00 UNCH 1.10 - 0.10 1.70 - 0.10	.0095 .0106 .0164					1 2 10	UNCH UNCH UNCH
1525 1530 1545						2.10 - 0.10 2.10 - 0.20 2.40 - 0.20	.0201 .0204 .0232					1 31 19	UNCH UNCH UNCH
1550 1560						2.50 - 0.20 2.80 - 0.10	.0241 .0268					13 36	UNCH UNCH

METALS OPTIONS PRODUCTS

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PG64	RIIIIFT	IN # 18@			METALS OPTION	PRODUCTS				Fri	Jan 27,	2023 PG64
1 004	GLOBEX	OPEN OUTCRY	GLOBEX	OPEN OUTCRY	OPEN OUTCRY	SETT.PRICE			OPEN			
06 84	OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE.	DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	OPEN INTEREST
OG PU AUG23 1600		COMEX GOLD OP	/*4.00A	/*4.00A		3.90 - 0.30	.0370					765 UNCH
1615 1620 1625	5.10	 5.10	/*4.60A /*4.80A 5.10/*5.00A	/*4.60A /*4.80A 5.10/*5.00A		4.50 - 0.20 4.70 - 0.30 4.90 NEW	.0422 .0440 .0458			 25		1 UNCH 1 UNCH 25 + 25 2 UNCH
1645 1650 1655			/*5.90A /*6.10A /*6.40A	/*5.90A /*6.10A /*6.40A		5.90 - 0.30 6.10 - 0.30 6.40 - 0.30	.0543 .0562 .0587			8	50	2 UNCH 118 + 55 1 UNCH
1660 1665 1670			/6.70A /7.00A /7.30A	/6.70A /7.00A /7.30A		6.70 - 0.30 7.00 - 0.30 7.30 - 0.30	.0612 .0638 .0663					4 UNCH 6 UNCH 2 UNCH
1675 1690			/7.60A /8.60A	/7.60A /8.60A		7.70 - 0.30 8.70 - 0.40	.0695 .0779					176 UNCH 3 UNCH
1700 1720 1725			/9.40A 11.90B/11.20A 12.40B/11.60A	/9.40A 11.90B/11.20A 12.40B/11.60A		9.50 - 0.40 11.30 - 0.40 11.80 - 0.40	.0843 .0986 .1024			 1		250 UNCH 2 UNCH 41 + 1
1730 1735 1750			13.00B/12.10A 13.50B/12.70A 15.40B/14.40A	13.00B/12.10A 13.50B/12.70A 15.40B/14.40A		12.30 - 0.40 12.90 - 0.30 14.60 - 0.40	.1063 .1108 .1237			1 		1 UNCH 80 UNCH 714 UNCH
1770 1775 1780			18.30B/16.90A 19.10B/17.70A 20.00B/18.40A	18.30B/16.90A 19.10B/17.70A 20.00B/18.40A		17.30 - 0.50 18.00 - 0.50 18.80 - 0.50	.1433 .1484 .1539					123 UNCH 380 UNCH 34 UNCH
1790 1800 1805			21.80B/20.00A 23.70B/21.70A 24.70B/22.70A	21.80B/20.00A 23.70B/21.70A 24.70B/22.70A		20.40 - 0.60 22.20 - 0.60 23.10 - 0.70	.1651 .1772 .1832			 30		31 UNCH 483 UNCH 126 + 30
1820 1825			28.00B/25.50A 29.10B/26.50A 30.40B/27.60A	28.00B/25.50A 29.10B/26.50A 30.40B/27.60A		26.20 - 0.70 27.40 - 0.60 28.50 - 0.70	.2031 .2103 .2171					1 UNCH 837 UNCH 27 UNCH
1830 1835 1850			31.60B/28.90A 35.70B/32.40A	31.60B/28.90A 35.70B/32.40A		29.70 - 0.60 33.50 - 0.70	.2244 .2468					39 UNCH 78 UNCH
1855 1870 1875			37.20B/33.90A 41.80B/38.10A 43.40B/39.40A	37.20B/33.90A 41.80B/38.10A 43.40B/39.40A		34.80 - 0.70 39.10 - 0.80 40.70 - 0.80	.2544 .2784 .2868			12	 75	104 + 87
1880 1885 1890	43.40 	43.40 	45.20B/41.20A 46.90B/42.80A 48.70B/44.40A	45.20B/41.20A 46.90B/42.80A 48.70B/44.40A		42.20 - 0.90 43.90 - 0.80 45.60 - 0.80	.2951 .3037 .3123			1 		23 + 1 35 UNCH 34 UNCH
1900 1905 1910			52.50B/47.70A 54.40B/49.50A 56.40B/51.60A	52.50B/47.70A 54.40B/49.50A 56.40B/51.60A		49.20 - 0.80 51.00 - 0.90 52.90 - 0.90	.3300 .3389 .3479					222 UNCH 1 UNCH 1 UNCH
1915 1925 1930			58.50B/53.60A 62.90B/57.20A 65.20B/59.30A	58.50B/53.60A 62.90B/57.20A 65.20B/59.30A		54.90 - 0.90 59.00 - 0.90 61.10 - 0.90	.3570 .3754 .3847					2 UNCH 50 UNCH 200 UNCH
1950 1970 1975			74.80B/68.10A 85.10B/78.20A 88.00B/80.50A	74.80B/68.10A 85.10B/78.20A 88.00B/80.50A		70.20 - 0.90 80.20 - 0.90 82.80 - 1.00	.4221 .4598 .4692					452 UNCH 40 UNCH 69 UNCH
1985 1990 1995			93.70B/85.80A 96.60B/88.50A 99.60B/91.30A	93.70B/85.80A 96.60B/88.50A 99.60B/91.30A		88.30 - 0.90 91.00 - 0.90 93.90 - 0.90	.4878 .4971 .5062			8 20 	50 	118 + 58 30 + 20 15 UNCH
2000 2015 2020	99.00	99.00 	102.60B/94.20A 111.90B/103.30A 115.10B/106.30A	102.60B/94.20A 111.90B/103.30A 115.10B/106.30A		96.80 NEW 105.80 - 0.80 108.90 - 0.80	.5153 .5420 .5507			1 		1 + 1 1 UNCH 2 UNCH
2025 2030			118.40B/109.10A 121.60B/112.50A	118.40B/109.10A 121.60B/112.50A		112.00 - 0.80 115.20 - 0.80	.5594 .5679					7 UNCH 1 UNCH
2035 2050 2055			125.00B/115.70A 135.30B/125.50A 138.80B/128.90A	125.00B/115.70A 135.30B/125.50A 138.80B/128.90A		118.50 - 0.70 128.50 - 0.70 131.90 - 0.70	.5763 .6010 .6090					117 UNCH 3 UNCH
2065 2070 2075			146.00B/135.70A 149.60B/139.20A 153.30B/142.70A	146.00B/135.70A 149.60B/139.20A 153.30B/142.70A		138.80 - 0.70 142.40 - 0.60 146.00 - 0.50	.6244 .6320 .6396					1 UNCH 1 UNCH 4 UNCH
2080 2085 2090			157.00B/146.30A 160.70B/149.90A 164.50B/153.50A	157.00B/146.30A 160.70B/149.90A 164.50B/153.50A		149.60 - 0.50 153.20 - 0.50 156.90 - 0.50	.6469 .6540 .6612					2 UNCH 6 UNCH 3 UNCH
2095 2100 2105			168.30B/157.20A 172.20B/160.90A 176.00B/164.70A	168.30B/157.20A 172.20B/160.90A 176.00B/164.70A		160.60 - 0.50 164.40 - 0.40 168.20 - 0.40	.6682 .6751 .6817					4 UNCH 7 UNCH 9 UNCH
2110 2125 2130				180.00B/168.40A 191.90B/180.00A 195.90B/183.90A		172.00 - 0.40 183.60 - 0.40 187.60 - 0.30	.6883 .7072 .7134					3 UNCH 6 UNCH 1 UNCH
2140 2145 2150			204.00B/191.70A 208.10B/195.70A 212.20B/199.70A	204.00B/191.70A 208.10B/195.70A 212.20B/199.70A		195.50 - 0.30 199.60 - 0.20 203.60 - 0.20	.7252 .7309 .7366					1 UNCH 3 UNCH 3 UNCH
2155 2175 2200			216.40B/203.80A 233.20B/220.20A 254.70B/241.20A	216.40B/203.80A 233.20B/220.20A 254.70B/241.20A		207.70 - 0.20 224.20 - 0.10 245.40 UNCH	.7423 .7632 .7868					1 UNCH 9 UNCH 10 UNCH
2210 2215			263.40B/249.70A 267.80B/254.10A 272.20B/258.40A	263.40B/249.70A 267.80B/254.10A 272.20B/258.40A		254.00 + 0.10 258.30 + 0.10 262.70 + 0.10	.7956 .7998 .8040					1 UNCH 2 UNCH 1 UNCH
2220 2225 2235			276.60B/262.70A 285.50B/271.50A	276.60B/262.70A 285.50B/271.50A		267.00 + 0.10 275.80 + 0.20	.8077 .8155					8 UNCH 3 UNCH
2275 2300 2310			321.60B/307.00A 344.50B/329.60A 353.80B/338.80A	321.60B/307.00A 344.50B/329.60A 353.80B/338.80A		311.50 + 0.30 $334.30 + 0.40$ $343.40 + 0.40$.8436 .8590 .8644					1 UNCH 13 UNCH 2 UNCH 2 UNCH 2 UNCH 2 UNCH
2370 2375 2380			410.10B/394.60A 414.80B/399.30A 417.50B/404.00A	410.10B/394.60A 414.80B/399.30A 417.50B/404.00A		399.30 + 0.60 404.00 + 0.60 408.70 + 0.60	.8929 .8952 .8974					1 UNCH
2400 2450 2500			438.60B/422.90A 486.70B/470.60A 535.20B/518.90A	438.60B/422.90A 486.70B/470.60A 535.20B/518.90A		427.70 + 0.70 475.50 + 0.80 523.90 + 1.00	.9047 .9210 .9343					6 UNCH 1 UNCH 18 UNCH
2550 2600 TOTAL	572.00 619.80	572.00 619.80	584.10B/567.70A 633.40B/616.70A	584.10B/567.70A 633.40B/616.70A		572.70 NEW 621.80 + 1.00	.9453 .9541			1 1 109	175	$ \begin{array}{cccc} 1 & + & 1 \\ 1 & + & 1 \\ 6307 & + & 280 \end{array} $
SEP23 1200						0.30 UNCH	.0024					3 UNCH
1250 1300 1350						0.40 - 0.10 0.60 UNCH 0.80 UNCH	.0033 .0050 .0068					4 UNCH 45 UNCH 10 UNCH
1375 1400 1440						$\begin{array}{r} 0.90 - 0.10 \\ 1.10 - 0.10 \\ 1.50 - 0.10 \end{array}$.0078 .0095 .0130					21 UNCH 3800 UNCH 1 UNCH
1450 1480 1500						1.60 - 0.10 2.00 - 0.10 2.40 - 0.10	.0139 .0173 .0206					61 UNCH 1 UNCH 500 UNCH
1525 1550 1560						2.90 - 0.20 3.60 - 0.10 3.90 - 0.10	.0248 .0305 .0329					15 UNCH 1986 UNCH 2 UNCH
1575 1590 1600			/*4.50A /*5.00A /*5.40A	/*4.50A /*5.00A /*5.40A		4.40 - 0.20 5.00 - 0.10 5.40 - 0.20	.0369 .0416 .0448					25 UNCH 1 UNCH 709 UNCH
1625 1650 1660			/6.60A /8.00A /8.60A	/*5.40A /6.60A /8.00A /8.60A		6.50 - 0.30 7.90 - 0.30 8.60 - 0.30	.0535 .0641 .0693					25 UNCH 680 UNCH 74 UNCH
1675 1700			/9.70A 12.20B/11.70A	/9.70A 12.20B/11.70A		9.70 - 0.30 11.70 - 0.40	.0773 .0918					83 UNCH 16 UNCH
1705 1735 1750			12.70B/12.10A 16.10B/15.20A 18.10B/16.90A	12.70B/12.10A 16.10B/15.20A 18.10B/16.90A		12.20 - 0.40 15.30 - 0.50 17.20 - 0.50	.0953 .1168 .1293					10 UNCH 1 UNCH 845 UNCH
1800 1810 1830			26.40B/24.50A 28.50B/26.60A 33.10B/30.80A	26.40B/24.50A 28.50B/26.60A 33.10B/30.80A		25.20 - 0.60 27.20 - 0.60 31.50 - 0.60	.1790 .1906 .2149					106 UNCH 5 UNCH 1 UNCH
1835 1845 1850	35.90	35.90	34.40B/32.00A 37.00B/34.40A 38.40B/35.30A	34.40B/32.00A 37.00B/34.40A 38.40B/35.30A		32.60 - 0.70 35.00 - 0.70 36.30 - 0.70	.2211 .2342 .2410			 1		1 UNCH 24 UNCH 155 - 1
1855 1860 1870	39.90	39.90 	39.80B/36.90A 41.20B/38.30A 44.30B/41.10A	39.80B/36.90A 41.20B/38.30A 44.30B/41.10A		37.60 - 0.80 38.90 - 0.90 41.80 - 0.90	.2478 .2547 .2691			33		20 UNCH 47 + 33 1 UNCH
1885 1890 1900			49.20B/45.60A 51.00B/47.20A 54.70B/50.20A	49.20B/45.60A 51.00B/47.20A 54.70B/50.20A		46.50 - 0.90 48.20 - 0.90 51.70 - 0.80	.2916 .2994 .3151					1 UNCH 26 UNCH 12 UNCH
1905 1915 1920			56.40B/52.30A 60.30B/55.90A 62.40B/57.80A	56.40B/52.30A 60.30B/55.90A 62.40B/57.80A		53.50 - 0.80 57.20 - 0.90 59.20 - 0.80	.3230 .3390 .3472					1 UNCH 1 UNCH 4 UNCH
1925 1930 1935			64.70B/59.40A 66.60B/61.80A 69.00B/63.40A	64.70B/59.40A 66.60B/61.80A 69.00B/63.40A		61.20 - 0.80 63.20 - 0.90 65.30 - 0.80	.3554 .3636 .3719					1 UNCH 1 UNCH 700 UNCH
1940 1945 1950			71.00B/65.80A 73.30B/68.00A 76.00B/69.80A	71.00B/65.80A 73.30B/68.00A 76.00B/69.80A		67.40 - 0.90 69.60 - 0.90 71.80 - 0.90	.3802 .3885 .3969					3 UNCH 2 UNCH 1 UNCH
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METALS OPTIONS PRODUCTS

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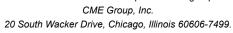
PG64 BULLETIN # 18@ METALS OPTION PRODUCTS Fri							Fri	1an 27	, 2023 PG64			
1 00+	GLOBEX	OPEN OUTCRY	GLOBEX	OPEN OUTCRY	OPEN OUTCRY	SETT.PRICE			OPEN			<u> </u>
	OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE.	DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG PUT SEP23	г	COMEX GOLD OPTI		79 100 /72 504		74 10 0 00	.4053					3 1111611
1955 1960 2000			78.10B/72.50A 80.50B/74.80A 102.20B/94.50A	78.10B/72.50A 80.50B/74.80A 102.20B/94.50A		76.40 - 0.90	.4033 .4137 .4811					2 UNCH 1 UNCH 1 UNCH
2050 2075			133.20B/123.90A 150.00B/140.60A	133.20B/123.90A 150.00B/140.60A		126.90 - 0.80 143.40 - 0.80	.5609 .5977					78 UNCH 1 UNCH
2100 2150			168.00B/157.80A 206.30B/194.90A 226.40B/214.50A	168.00B/157.80A 206.30B/194.90A		198.40 - 0.50	.6321 .6931 .7199					2 UNCH 13 UNCH
2175 2200 2225			247.10B/234.70A 268.20B/255.40A	226.40B/214.50A 247.10B/234.70A 268.20B/255.40A		238.60 - 0.20	.7442 .7666					1 UNCH 7 UNCH 3 UNCH
2250 2265			289.90B/276.60A 303.00B/289.50A	289.90B/276.60A 303.00B/289.50A		280.80 UNCH 293.80 + 0.10	.7867 .7979					1 UNCH 1 UNCH
2270 2275 2280			307.40B/293.90A 311.80B/298.20A 316.30B/302.60A	307.40B/293.90A 311.80B/298.20A 316.30B/302.60A		302.50 + 0.10	.8016 .8053 .8086					2 UNCH 3 UNCH 1 UNCH
2290 2300			325.20B/311.40A 334.20B/320.20A	325.20B/311.40A 334.20B/320.20A		315.70 + 0.10 324.60 + 0.20	.8154 .8219					2 UNCH 2 UNCH
2310 2320			343.20B/329.10A 352.30B/338.10A 356.80B/342.60A	343.20B/329.10A 352.30B/338.10A 356.80B/342.60A		342.50 + 0.30	.8278 .8341 .8368					1 UNCH 5 UNCH 5 UNCH
2325 2330 2340			361.40B/347.10A 370.50B/356.10A	361.40B/347.10A 370.50B/356.10A		351.50 + 0.30	.8396 .8453					14 UNCH 19 UNCH
2350 2360			379.70B/365.20A 388.90B/374.30A			378.80 + 0.30	.8502 .8555					21 UNCH 26 UNCH
2370 2375 2380			398.20B/383.50A 402.80B/388.10A 407.50B/392.70A	402.80B/388.10A		392.60 + 0.40	.8602 .8628 .8650					37 UNCH 43 UNCH 25 UNCH
2400 2500			426.10B/411.20A 521.10B/505.50A	426.10B/411.20A 521.10B/505.50A		415.80 + 0.50 510.30 + 0.80	.8738 .9086					9 UNCH 17 UNCH
2550 TOTAL			569.40B/553.50A	569.40B/553.50A		558.30 + 0.80	.9223			34		16 UNCH 10390 + 32
OCT23 1200							.0037					30 UNCH
1275 1300						0.90 UNCH	.0060 .0069 .0078					25 UNCH 25 UNCH 25 UNCH
1325 1350 1375						1.20 UNCH 1.40 - 0.10	.0094 .0110					271 UNCH 16 UNCH
1400 1450						1.70 UNCH 2.40 - 0.10	.0133 .0188					2518 UNCH 51 UNCH
1500 1525 1550						4.20 - 0.10	.0272 .0324 .0389					50 UNCH 9 UNCH 1252 UNCH
1560 1565			/*5.50A /*5.70A	/*5.50A /*5.70A /*6.20A		5.40 - 0.20 5.60 - 0.20	.0413 .0428					420 UNCH 7 UNCH
1575 1600 1660			/*6.20A /7.40A /11.20A	/*6.20A /7.40A /11.20A		7.30 - 0.20	.0462 .0548 .0816					7 UNCH 1 UNCH 1 UNCH
1675 1695			/12.50A 14.90B/14.30A	/12.50A 14.90B/14.30A		12.50 - 0.40 14.40 - 0.40	.0902					1 UNCH 1 UNCH
1700 1725			15.40B/14.80A 18.50B/17.60A	15.40B/14.80A 18.50B/17.60A		17.80 - 0.40	.1057					4 UNCH 25 UNCH
1750 1775 1800			22.10B/21.00A 26.30B/24.90A 31.40B/29.50A	22.10B/21.00A 26.30B/24.90A 31.40B/29.50A		25.20 - 0.60	.1442 .1673 .1935					100 UNCH 51 UNCH 20 UNCH
1825 1840			37.30B/35.00A 41.30B/38.70A	37.30B/35.00A 41.30B/38.70A		35.60 - 0.60 39.30 - 0.80	.2223 .2408					50 UNCH 210 UNCH
1850 1890 1900			44.20B/41.30A 57.50B/53.60A 61.10B/57.10A	44.20B/41.30A 57.50B/53.60A 61.10B/57.10A		54.60 - 0.90	.2539 .3093 .3240					76 UNCH 15 UNCH 710 UNCH
1930 1930 1950			73.60B/68.80A 82.90B/77.40A	73.60B/68.80A 82.90B/77.40A		70.10 - 0.90 78.90 NEW	.3694			20		1 UNCH 20 + 20
1970 1975			92.90B/86.90A 95.50B/89.30A	92.90B/86.90A 95.50B/89.30A		91.10 - 0.90	.4317					1 UNCH 120 UNCH
2000 2075 2100			109.40B/102.40A 157.10B/147.90A 174.90B/165.00A	109.40B/102.40A 157.10B/147.90A 174.90B/165.00A		150.70 - 0.80	.4784 .5866 .6189			5 		32 + 5 2 UNCH 3 UNCH
2125 2150			193.40B/183.00A 212.60B/201.60A	193.40B/183.00A 212.60B/201.60A		186.10 - 0.70 204.90 - 0.70	.6489 .6766					3 UNCH 3 UNCH
2175 2200			232.40B/220.90A 252.80B/240.80A 273.70B/261.20A	232.40B/220.90A 252.80B/240.80A 273.70B/261.20A		244.50 - 0.40	.7024 .7261 .7478					3 UNCH 1 UNCH 1 UNCH
2225 2260 2275			303.60B/290.60A 316.60B/303.40A	303.60B/290.60A 316.60B/303.40A		294.60 - 0.20	.7751 .7855					1 UNCH 1 UNCH
2325 2350			361.00B/347.20A 383.60B/369.50A 401.80B/387.50A	361.00B/347.20A 383.60B/369.50A		373.80 + 0.20	.8172					9 UNCH 18 UNCH 4 UNCH
2370 2375 2380			406.40B/392.10A			396.40 + 0.20	.8413 .8438 .8462					4 UNCH 25 UNCH 5 UNCH
TOTAL NOV23										25		6224 + 25
1400 1615			/*9.60A	/*9.60A		9.50 - 0.30	.0158 .0648					25 UNCH 1 UNCH
1655 1660			/*12.40A /*12.80A 23.80B/22.90A	/*12.40A /*12.80A 23.80B/22.90A			.0829 .0854 .1443					1 UNCH 1 UNCH 1 UNCH
1750 1825 1910			38.90B/36.90A 65.90B/61.90A	38.90B/36.90A 65.90B/61.90A			.2163					22 UNCH 2 UNCH
1950 1990			82.70B/77.90A 102.50B/96.60A	82.70B/77.90A 102.50B/96.60A		98.20 - 0.90	.3790			80 		80 + 79 1 UNCH 7 UNCH
2275 2500			307.70B/295.50A 510.40B/496.00A	307.70B/295.50A 510.40B/496.00A			.7529 .8676			80		7 UNCH 1 UNCH 142+ 79
TOTAL DEC23						0.20 - 0.10	.0013					5 UNCH
1000 1050 1100						0.30 - 0.10 0.40 - 0.10	.0019 .0026					4 UNCH 2 UNCH
1120 1200						0.50 - 0.10 0.80 - 0.10	.0033 .0054					19 UNCH 2 UNCH
1250 1300 1325						1.50 - 0.10	.0074 .0102 .0122					152 UNCH 101 UNCH 701 UNCH
1350 1400						2.10 UNCH 2.80 - 0.20	.0142 .0191					2 UNCH 84 UNCH
1450 1465 1470						4.40 - 0.10	.0269 .0295 .0302					157 UNCH 2 UNCH 2 UNCH
1500 1510						5.50 - 0.20 5.80 - 0.20	.0366 .0386					381 UNCH 2 UNCH
1550 1570						8.60 - 0.20	.0498					806 UNCH 2 UNCH
1575 1580 1600						9.20 - 0.20 10.40 - 0.30	.0578 .0596 .0669					1 UNCH 1 UNCH 621 UNCH
1625 1650			/*14.50A	/*14.50A		12.20 - 0.30 14.30 - 0.30	.0775 .0896					10 UNCH 234 UNCH
1675 1700 1725			/*16.90A /19.70A 23.50B/22.90A	/*16.90A /19.70A 23.50B/22.90A		19.60 - 0.40	.1032 .1189 .1363					1 UNCH 1623 UNCH 26 UNCH
1740 1750			25.90B/25.10A 27.60B/26.70A	25.90B/25.10A 27.60B/26.70A		25.10 - 0.50 26.70 - 0.50	.1476 .1556					6 UNCH 410 UNCH
1775 1800			32.20B/31.10A 37.60B/36.10A 38.80B/37.20A	32.20B/31.10A 37.60B/36.10A 38.80B/37.20A		36.30 - 0.60	.1774 .2010 .2060					49 UNCH 360 UNCH 1 UNCH
1805 1825 1835			43.80B/41.90A 46.60B/44.50A	43.80B/41.90A 46.60B/44.50A		42.20 - 0.70 44.80 - 0.70	.2270 .2379					29 UNCH 2 UNCH
1840 1850			48.00B/45.80A 50.90B/48.50A	48.00B/45.80A 50.90B/48.50A		46.10 - 0.80 48.90 - 0.80	.2435 .2549					1 UNCH 416 UNCH
1860 1870 1875			54.00B/51.40A 57.30B/54.50A 59.00B/56.10A	54.00B/51.40A 57.30B/54.50A 59.00B/56.10A		55.00 - 0.80	.2667 .2787 .2848					75 UNCH 100 UNCH 320 UNCH
1880 1890	63.00	63.00	60.70B/57.70A 64.30B/61.00A	60.70B/57.70A 64.30B/61.00A		58.20 - 0.90 61.70 - 0.90	.2909 .3035			10		130 UNCH 2 - 8
1900 1905			68.00B/64.60A 70.00B/66.40A	68.00B/64.60A 70.00B/66.40A		67.10 - 0.90	.3162 .3227					111 + 3 10 UNCH

METALS OPTIONS PRODUCTS

Side 13

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







Customer Service: (312) 930-1000 FINAL

PG64 BULLETIN # 18@ METALS OPTION PRODUCTS Fri, Jan								Jan 27,	2023	PG64			
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME		OPEN EREST
OG PUT DEC23	г	COMEX GOLD OPTI											
1920 1950			75.90B/72.10A 89.10B/84.70A	75.90B/72.10A 89.10B/84.70A		72.90 - 1.00 85.70 - 0.90	.3423					1 61	UNCH
1975 2000 2015			101.30B/96.20A 114.60B/108.80A 123.00B/116.80A	101.30B/96.20A 114.60B/108.80A 123.00B/116.80A		97.40 - 1.00 110.30 - 0.90 118.40 - 0.90	.4163 .4503 .4704			3		182 25 + 1	UNCH 3 UNCH
2013 2050 2100			143.90B/136.90A			138.90 - 0.70 171.00 - 0.70	.5159					84 124	UNCH
2300 TOTAL				333.60B/321.70A		325.20 - 0.30	.7545			 16		1 7442 -	UNCH 2
FEB24 2020 TOTAL						125.80 - 1.10	.4532					37 37	UNCH 0
JUN24 1880						78.10 + 0.20	.2822					75	UNCH
1970 2000 TOTAL						113.50 + 0.20 127.70 + 0.20	.3691 .3992					100 130 305	UNCH UNCH 0
DEC24 1700 TOTAL						49.00 + 0.10	.1593					100 100	UNCH 0
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME		OPEN EREST
OG CAI FEB23	_L	COMEX GOLD OPTI	ONS										
1550 1600						380.00 UNCH 330.00 UNCH						0	UNCH UNCH
1620 1635						310.00 UNCH 295.00 UNCH						0	UNCH
1650 1655						280.00 UNCH 275.00 UNCH 270.00 UNCH						0 0 0	UNCH UNCH UNCH
1660 1665 1670						265.00 UNCH 260.00 UNCH						0	UNCH
1675 1680						255.00 UNCH 250.00 UNCH						0	UNCH UNCH
1685 1690						245.00 UNCH 240.00 UNCH						0	UNCH
1695 1700 1705						235.00 UNCH 230.00 UNCH 225.00 UNCH						0 0 0	UNCH UNCH UNCH
1710 1710 1715						220.00 UNCH 215.00 UNCH						Ŏ 0	UNCH
1720 1725						210.00 UNCH 205.00 UNCH						0	UNCH
1730 1735						200.00 UNCH 195.00 UNCH 190.00 UNCH						0 0 0	UNCH UNCH UNCH
1740 1745 1750						185.00 UNCH 180.00 UNCH						0	UNCH
1755 1760						175.00 UNCH 170.00 UNCH						0	UNCH
1765 1770						165.00 UNCH 160.00 UNCH						0	UNCH
1775 1780 1785						155.00 UNCH 150.00 UNCH 145.00 UNCH						0 0 0	UNCH UNCH UNCH
1790 1795						140.00 UNCH 135.00 UNCH						Ŏ 0	UNCH
1800 1805						130.00 UNCH 125.00 UNCH						0	UNCH
1810 1815 1820						120.00 UNCH 115.00 UNCH 110.00 UNCH						0 0 0	UNCH UNCH UNCH
1825 1830						105.00 UNCH 100.00 UNCH						Ŏ 0	UNCH
1835 1840						95.00 UNCH 90.00 UNCH						0	UNCH
1845 1850						85.00 UNCH 80.00 UNCH 75.00 UNCH						0 0 0	UNCH UNCH UNCH
1855 1860 1865						70.00 UNCH 65.00 UNCH						0	UNCH
1870 1875						60.00 UNCH 55.00 UNCH						0	UNCH UNCH
1880 1885						50.00 UNCH 45.00 UNCH 40.00 UNCH						0 0 0	UNCH UNCH UNCH
1890 1895 1900						35.00 UNCH 30.00 UNCH						0	UNCH
1905 1910						25.00 UNCH 20.00 UNCH						0	UNCH UNCH
1915 1920						15.00 UNCH 10.00 UNCH						0	UNCH
1925 1930 1935						5.00 UNCH 0.00 UNCH 0.00 UNCH						0 0 0	UNCH UNCH UNCH
1940 1945						0.00 UNCH 0.00 UNCH						0	UNCH
1950 1955						0.00 UNCH 0.00 UNCH						0	UNCH
1960 1965 1970						0.00 UNCH 0.00 UNCH 0.00 UNCH						0 0 0	UNCH UNCH UNCH
1975 1980						0.00 UNCH 0.00 UNCH						Ŏ 0	UNCH
1985 1990						0.00 UNCH 0.00 UNCH						0	UNCH
2000 2185						0.00 UNCH 0.00 UNCH						0 0 0	UNCH UNCH 0
TOTAL MAR23												Ū	Ū
1300 1350			650.80B/634.60A 600.80B/584.60A	650.80B/634.60A 600.80B/584.60A		645.60 - 1.10 595.60 - 1.10	1.0000 1.0000					50 3	UNCH
1525 1600 1615			425.90B/409.70A 350.90B/334.70A 335.90B/319.60A	425.90B/409.70A 350.90B/334.70A 335.90B/319.60A		420.60 - 1.10 345.60 - 1.10 330.60 - 1.10	1.0000 1.0000 1.0000					1 3 1	UNCH UNCH UNCH
1645 1650			305.90B/289.60A 300.90B/284.70A	305.90B/289.60A 300.90B/284.70A		300.60 - 1.10 295.60 - 1.10	1.0000					6 108	UNCH
1655 1670			295.90B/279.60A 280.90B/264.90A	295.90B/279.60A 280.90B/264.90A		290.60 - 1.10 275.60 - 1.10	.9999 .9984					9 5	UNCH UNCH
1675 1680			275.90B/259.80A 271.00B/254.80A	275.90B/259.80A 271.00B/254.80A		270.60 - 1.10 265.60 - 1.10	.9959					65 221	UNCH
1685 1690 1695			266.00B/249.80A 261.00B/244.80A 256.00B/239.80A	266.00B/249.80A 261.00B/244.80A 256.00B/239.80A		260.60 - 1.10 255.60 - 1.10 250.60 - 1.10	.9957 .9956 .9955					18 203 10	UNCH UNCH UNCH
1700 1705			250.90B/234.80A 246.00B/229.80A	250.90B/234.80A 246.00B/229.80A		245.60 - 1.10 240.60 - 1.10	.9954					448 12	UNCH
1710 1715			241.00B/224.80A 236.00B/219.70A	241.00B/224.80A 236.00B/219.70A		235.60 - 1.10 230.60 - 1.10	.9952 .9951					64 5	UNCH UNCH
1720 1725			230.90B/214.70A 225.90B/208.60A 220.90B/204.90A	230.90B/214.70A 225.90B/208.60A 220.90B/204.90A		225.60 - 1.10 220.60 - 1.10 215.60 - 1.20	.9950 .9924 .9922					22 308 18	UNCH UNCH UNCH
1730 1735 1740			215.90B/199.60A 211.10B/194.60A	215.90B/199.60A 211.10B/194.60A		210.60 - 1.20 205.70 - 1.10	.9922 .9921 .9919					32 17	UNCH
1745 1750			206.10B/189.60A 201.60B/183.60A	206.10B/189.60A 201.60B/183.60A		200.70 - 1.10 195.70 - 1.20	.9917 .9891			15		271 522 +	UNCH 15
1755 1760			196.20B/179.70A 191.20B/174.80A	196.20B/179.70A 191.20B/174.80A		190.70 - 1.20 185.80 - 1.10 180.80 - 1.20	.9888					31 158 410	UNCH
1765 1770			186.30B/169.80A 181.30B/164.90A	186.30B/169.80A 181.30B/164.90A		180.80 - 1.20 175.90 - 1.10	.9859 .9833					213	UNCH

METALS OPTIONS PRODUCTS

Side 14







20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 FINAL Fri, PG64 BULLETIN # 18@ Jan 27, METALS OPTION PRODUCTS 2023 PG64 OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE SETT.PRICE & PT.CHGE. DELTA EXER CISES GLOBEX® VOLUME OPEN INTEREST PNT VOLUME 176.70B/159.10A
171.40B/155.10A
166.40B/155.10A
166.40B/155.10A
166.40B/155.10A
166.40B/155.00A
161.60B/145.30A
156.50B/144.40A
152.10B/134.70A
146.70B/130.80A
142.00B/126.00A
137.00B/121.00A
132.20B/116.50A
127.90B/110.80A
122.80B/107.10A
113.00B/97.40A
104.30B/88.20A
99.60B/83.80A
95.20B/97.40A
104.30B/88.20A
99.60B/83.80A
95.20B/79.40A
20.80B/75.40A
86.50B/71.20A
82.20B/67.20A
78.80B/63.20A
98.80B/55.70A
65.80B/55.40A
66.50B/71.20A
86.50B/71.20A
87.80B/86.30A
36.50B/71.20A
88.30B/85.30A
36.80B/52.00A
62.10B/88.60A
58.30B/85.30A
36.80B/52.00A
62.10B/88.60A
58.30B/85.30A
36.00B/85.30A
36.00B/85.30A
36.00B/85.30A
36.00B/85.00A
44.70B/33.30A
33.08/33.90A
30.80B/31.80A
42.20B/85.30A
36.00B/85.00A
44.10B/31.60A
22.10B/15.10A
20.30B/13.80A
18.50B/12.50A
16.90B/11.40A
15.40B/10.30A
11.60B/7.70A
10.50B/7.00A
9.50B/6.40A
8.60B/5.30A
7.10B/4.80A
6.60B/5.30A
7.10B/4.80A
6.60B/5.30A
7.10B/4.80A
6.60B/5.30A
7.10B/4.80A
6.60B/5.30A
7.10B/4.80A
6.60B/5.30A
7.10B/4.80A
6.60B/5.30A
7.10B/4.10A
6.80B/4.10A
6.80B/4.00A
6.80B/4.00A 176.70B/159.10A
171.40B/155.10A
166.40B/155.10A
166.40B/155.10A
166.40B/155.10A
166.40B/155.00A
161.60B/145.30A
156.50B/144.40A
152.10B/134.70A
146.70B/130.80A
142.00B/126.00A
137.00B/121.00A
132.20B/116.50A
127.90B/110.80A
122.80B/107.10A
113.00B/97.40A
104.30B/88.20A
99.60B/83.80A
95.20B/97.40A
104.30B/88.20A
99.60B/83.80A
95.20B/79.40A
20.80B/75.40A
86.50B/71.20A
82.20B/67.20A
78.80B/63.20A
98.80B/55.70A
65.80B/55.40A
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87.80B/86.30A
36.50B/71.20A
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36.80B/52.00A
62.10B/88.60A
58.30B/85.30A
36.80B/52.00A
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36.00B/85.30A
36.00B/85.30A
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36.00B/85.00A
44.70B/33.30A
33.08/33.90A
30.80B/31.80A
42.20B/85.30A
36.00B/85.00A
44.10B/31.60A
22.10B/15.10A
20.30B/13.80A
18.50B/12.50A
16.90B/11.40A
15.40B/10.30A
11.60B/7.70A
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1 17 3 2 1 52.00 52.00 100 1200 6 162 ----6 11 38 ----9 1.30 1.10 1.30 1.10 1.10 1.10 41 ----1 UNCH UNCH 10 UNCH 10 UNCH 11 UNCH 11 UNCH 11 UNCH 11 UNCH 10 UNCH 11 UNCH 10 UNCH 11 UNCH 13 0.90 0.90 0.90 0.90 1 0.60 0.60 136 0.70 0.70 12 0.60B/----0.60/*0.50 0.60B/---0.60/*0.50 0.50 0.50 0.50B/---0.40/*0.40 0.50B/---0.40/*0.40 15 ----1 0.40 0.40 0.40 0.40 0.40/0.40 0.40/0.40 73 116 42 42 49 22 33 3 -----0.30/0.30 0.30/0.30 0.20/*0.20 0.20/*0.20 0.30/0.30 0.30/0.30 0.20/*0.20 0.20/*0.20 0.30 1000 2,300 7053 TOTAL

945.60 695.60 645.60 1.10 1.10 1.10

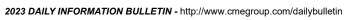
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1.0000 1.0000 1.0000 6 1 23

950.60B/934.90A 950.60B/934.90A 700.40B/684.90A 700.40B/684.90A 650.70B/634.90A 650.70B/634.90A

METALS OPTIONS PRODUCTS

Side 15









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

Customer Service: (3	312) 930-1000
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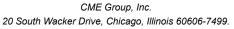
PG64 BULLETIN # 18@ METALS OPTION PRODUCTS				PRODUCTS				Fri,	Jan 27,	2023 PG64		
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG CA	3	COMEX GOLD O		FF0 000/F24 00+		FAF CO 1 10	1 0000					
1400 1450 1510			500.80B/354.80A 500.80B/484.80A 440.80B/424.80A 400.50B/384.80A	550.80B/534.80A 500.80B/484.80A 440.80B/424.80A		545.60 - 1.10 495.60 - 1.10 435.60 - 1.10 395.60 - 1.10	1.0000 1.0000 .9996 .9992					26 UNCH 46 UNCH 1 UNCH 5 UNCH
1550 1585 1595 1600			365.90B/349.80A	400.50B/384.80A 365.90B/349.80A 355.90B/339.80A 350.80B/334.80A		360.60 - 1.10 350.60 - 1.10 345.60 - 1.10	.9967 .9965 .9947					1 UNCH 0 UNCH 16 UNCH
1605 1610 1615			350.80B/334.80A 345.90B/329.80A 340.90B/324.80A 335.80B/319.70A	345.90B/329.80A 340.90B/324.80A 335.80B/319.70A		340.60 - 1.10 335.60 - 1.10 330.60 - 1.10	.9946 .9944 .9943					0 UNCH 0 UNCH 0 UNCH
1620 1625 1630			325.90B/309.80A	330.90B/314.80A 325.90B/309.80A 320.80B/304.70A		325.60 - 1.10 320.60 - 1.10 315.60 - 1.10	.9942 .9941 .9923					1 UNCH 0 UNCH 6 UNCH
1635 1640 1645			320.80B/304.70A 315.90B/299.70A 310.90B/294.90A 305.90B/289.90A	315.90B/299.70A 310.90B/294.90A 305.90B/289.90A		310.60 - 1.10 305.60 - 1.10 300.60 - 1.10	.9921 .9920 .9918			====		12 UNCH 14 UNCH 15 UNCH
1650 1655 1660	286.90 	286.90 	300.90B/283.80A 295.90B/279.80A 290.90B/274.70A 286.00B/269.90A	300.90B/283.80A 295.90B/279.80A 290.90B/274.70A		295.60 - 1.10 290.60 - 1.10 285.60 - 1.10	.9917 .9899 .9897			1 		251 - 1 27 UNCH 33 UNCH
1665 1670 1675			286.00B/269.90A 281.00B/264.90A 276.60B/259.00A 271.20B/254.90A	286.00B/269.90A 281.00B/264.90A 276.60B/259.00A 271.20B/254.90A	 	280.60 - 1.20 275.70 - 1.10 270.70 - 1.10 265.70 - 1.20	.9895 .9877 .9874 .9856			7 		28 UNCH 70 + 5 33 UNCH 11 UNCH
1680 1685 1690 1695			266.10B/250.10A 261.30B/245.20A 256.20B/240.10A	266.10B/250.10A 261.30B/245.20A 256.20B/240.10A		260.70 - 1.20 255.80 - 1.20 250.90 - 1.10	.9838 .9835 .9817					12 UNCH 15 UNCH 6 UNCH
1700 1705 1710	240.60	240.60 	251 QDD/22/ 20A	251 QDD/23/ 20A		245.90 - 1.20 241.00 - 1.20 236.10 - 1.20	.9799 .9780 .9776			3 		927 + 2 226 UNCH 2 UNCH
1715 1720 1725			246.508/230.30A 241.408/225.40A 236.308/220.60A 231.708/215.80A 227.208/209.90A	241.40B/225.40A 236.30B/220.60A 231.70B/215.80A 227.20B/209.90A		231.20 - 1.20 226.30 - 1.20 221.40 - 1.20	.9757 .9724 .9705					252 UNCH 105 UNCH 273 UNCH
1730 1735 1740	210.60	210.60 	222.00B/206.10A 217.10B/200.90A 212.20B/196.10A 207.40B/191.30A	222.00B/206.10A 217.10B/200.90A 212.20B/196.10A		216.50 - 1.20 211.70 - 1.20 206.90 - 1.20	.9685 .9652 .9618			2 		5 + 2 2 UNCH 152 UNCH
1745 1750 1755			207.40B/191.30A 202.90B/185.90A 197.80B/181.70A	207.40B/191.30A 202.90B/185.90A 197.80B/181.70A		202.10 - 1.20 197.30 - 1.20 192.50 - 1.20	.9585 .9551 .9516					157 UNCH 976 UNCH 4 UNCH
1760 1765 1770	 172 40	 172 40	202.90B/185.90A 197.80B/181.70A 192.90B/177.00A 188.20B/172.30A 183.40B/167.60A	192.90B/177.00A 188.20B/172.30A 183.40B/167.60A	 	187.70 - 1.20 183.00 - 1.20 178.20 - 1.30	.9482 .9434 .9398 .9350					54 UNCH 5 UNCH 111 UNCH 107 + 3
1775 1780 1785 1790	173.40 	173.40 	179.008/162.40A 174.008/158.30A 169.208/153.80A 164.708/149.10A 160.008/144.10A	179.00B/162.40A 174.00B/158.30A 169.20B/153.80A 164.70B/149.10A		173.50 - 1.30 168.80 - 1.30 164.20 - 1.30 159.60 - 1.30	.9301 .9240 .9179			3 		107 + 3 13 UNCH 1 UNCH 155 UNCH
1795 1800 1805		 146.80	T33.00D/T33.00A	T33.00D/T33.00A		155.00 - 1.30 150.50 - 1.30 146.00 - 1.30	.9117 .9055 .8982			1 1		166 UNCH 1492 UNCH 31 + 1
1810 1815 1820	====	137.00		146.70B/130.80A 142.20B/126.40A 137.70B/122.10A		141.50 - 1.30 137.10 - 1.30 132.70 - 1.30	.8908 .8833 .8748			10 1 1		351 UNCH 85 - 1 135 UNCH
1825 1830 1835		125.30 	133.30B/117.90A 129.00B/113.70A 124.70B/109.50A	133.30B/117.90A 129.00B/113.70A 124.70B/109.50A		128.30 - 1.40 124.00 - 1.40 119.80 - 1.30	.8653 .8567 .8462			2 2		310 - 1 167 UNCH 133 UNCH
1840 1845 1850		105.00	146.708/130.80A 142.208/126.40A 137.708/122.10A 133.308/117.90A 129.008/113.70A 124.708/109.50A 120.408/105.60A 116.208/101.60A 112.108/97.60A 108.008/93.70A 104.008/89.90A 100.108/86.20A 96.208/82.60A 92.508/79.10A	120.40B/105.60A 116.20B/101.60A 112.10B/97.60A		115.60 - 1.30 111.40 - 1.40 107.40 - 1.30	.8365 .8251 .8136			20 258		391 UNCH 192 + 18 1990 + 79
1855 1860 1865	99.80 94.50 	99.80 94.50 	108.00B/93.70A 104.00B/89.90A 100.10B/86.20A	108.00B/93.70A 104.00B/89.90A 100.10B/86.20A		103.30 - 1.50 99.40 - 1.50 95.50 - 1.60	.8014 .7891 .7760			1 2 		422 UNCH 59 UNCH 88 UNCH
1870 1875 1880			96.20B/82.60A 92.50B/79.10A 88.80B/75.60A 85.10B/72.30A	88.80B/75.60A		91.70 - 1.60 88.00 - 1.50 84.30 - 1.60 80.80 - 1.50	.7628 .7484 .7339 .7189			2 1 		28 - 2 571 UNCH 113 UNCH 88 UNCH
1885 1890 1895 1900	71.30 63.50	71.30 63.50	81.60B/69.00A 78.10B/65.80A 74.80B/62.70A	85.10B/72.30A 81.60B/69.00A 78.10B/65.80A 74.80B/62.70A		77.30 - 1.60 73.90 - 1.60 70.60 - 1.60	.7189 .7033 .6873 .6708			 2 136		704 UNCH 140 UNCH 4258 - 27
1905 1910 1915	66.40 62.20	66.40 62.20	71.50B/59.70A 68.30B/56.90A 65.40B/54.00A	71.50B/59.70A 68.30B/56.90A 65.40B/54.00A		67.40 - 1.60 64.30 - 1.60 61.30 - 1.60	.6540 .6371 .6197			2 5		63 UNCH 23 - 1 99 UNCH
1920 1925 1930	55.20 53.30	55.20 53.30 	62.40B/51.30A 59.50B/48.60A 56.70B/46.10A	62.40B/51.30A 59.50B/48.60A 56.70B/46.10A		58.40 - 1.60 55.60 - 1.60 52.80 - 1.70	.6023 .5845 .5667			1 4 4		72 UNCH 1054 + 2 224 UNCH
1935 1940 1945	48.20 45.80 45.60	48.20 45.80 45.60	54.00B/43.80A 51.30B/41.50A 48.80B/39.30A	54.00B/43.80A 51.30B/41.50A 48.80B/39.30A		50.20 - 1.70 47.70 - 1.70 45.20 - 1.70	.5487 .5307 .5127			25 3 17		183 + 10 726 - 1 75 - 5
1950 1955 1960	43.00 38.90 37.70	43.00 38.90 37.70	46.50B/37.20A 44.10B/35.10A 41.90B/33.20A	46.50B/37.20A 44.10B/35.10A 41.90B/33.20A 39.70B/31.40A		42.90 - 1.70 40.60 - 1.70 38.50 - 1.70 36.40 - 1.70	.4948 .4770 .4594 .4419			890 7 18		7688 - 226 75 UNCH 128 + 2 113 UNCH
1965 1970 1975 1980	34.50 32.20 30.50	34.50 32.20 30.50	39.70B/31.40A 37.60B/29.60A 35.70B/28.00A 33.80B/26.50A	37.60B/29.60A 35.70B/28.00A 33.80B/26.50A		34.50 - 1.60 32.60 - 1.60 30.80 - 1.60	.4248 .4078 .3912			19 317 26		414 + 9 1127 + 3 956 + 12
1985 1990 1995	28.10 25.70	28.10 25.70	32.00B/24.90A 30.30B/23.50A 28.60B/22.20A	32.00B/24.90A 30.30B/23.50A 28.60B/22.20A		29.10 - 1.60 27.50 - 1.50 26.00 - 1.50	.3749 .3591 .3437			3 4 2		114 UNCH 117 + 3 70 UNCH
2000 2005 2010	23.00 22.80 20.00	23.00 22.80 20.00	27.00B/20.90A 25.60B/19.70A 24.20B/18.60A	27.00B/20.90A 25.60B/19.70A 24.20B/18.60A		24.50 - 1.50 23.10 - 1.40 21.80 - 1.40	.3285 .3137 .2995			524 9 10		4428 - 122 27 + 5 269 + 1
2015 2020 2025	19.70 17.70 18.70	19.70 17.70 18.70	22.80B/17.50A 21.50B/16.50A 20.30B/15.50A	22.80B/17.50A 21.50B/16.50A 20.30B/15.50A		20.50 - 1.40 19.30 - 1.40 18.20 - 1.30	.2855 .2720 .2592			3 12 716		61 + 3 135 - 1 1038 - 26
2030 2035 2040	18.50 15.10 16.40	18.50 15.10 16.40	19.20B/14.60A 18.10B/13.80A 17.00B/13.00A	19.20B/14.60A 18.10B/13.80A 17.00B/13.00A		17.20 - 1.30 16.20 - 1.20 15.30 - 1.20 14.40 - 1.10	.2471 .2351 .2239			7 1 11		127 + 3 228 + 1 887 UNCH 67 UNCH
2045 2050 2055 2060	12.80 11.70 13.10	12.80 11.70 13.10	16.10B/12.30A 15.20B/11.60A 14.30B/10.90A 13.50B/10.30A	16.10B/12.30A 15.20B/11.60A 14.30B/10.90A 13.50B/10.30A		13.60 - 1.10 12.80 - 1.10 12.10 - 1.00	.2128 .2025 .1923 .1830			2159 7 30		67 UNCH 2849 - 430 40 + 7 68 UNCH
2065 2070 2075	11.90 10.20 10.90	11.90 10.20 10.90	12.70B/9.80A 12.00B/9.20A 11.30B/8.70A	12.70B/9.80A 12.00B/9.20A 11.30B/8.70A		11.40 - 1.00 10.80 - 0.90 10.20 - 0.80	.1737 .1654 .1572			16 45 25	300	257 UNCH 410 + 307 496 + 14
2080 2085 2090	9.00 8.90	9.00 8.90 	10.60B/8.20A 10.00B/7.80A 9.40B/7.40A	10.60B/8.20A 10.00B/7.80A 9.40B/7.40A		9.60 - 0.80 9.10 - 0.80 8.60 - 0.70	.1490 .1419 .1348			5 12 		1156 + 4 44 + 11 231 UNCH
2095 2100 2105	8.20 8.00	8.20 8.00	8.90B/7.00A 8.50B/6.60A 8.00/6.30A	8.90B/7.00A 8.50B/6.60A 8.00/6.30A		8.10 - 0.70 7.70 - 0.60 7.30 - 0.60	.1277 .1217 .1158			266 19		39 UNCH 3995 - 6 111 + 19
2110 2115 2120	5.90 6.10	5.90 6.10	7.60B/6.00A 7.20B/5.70A 6.90/5.40A	7.60B/6.00A 7.20B/5.70A 6.90/5.40A		6.90 - 0.60 6.50 - 0.60 6.20 - 0.50	.1099 .1042 .0994			1 2 14		399 - 1 59 + 1 89 + 7
2125 2130 2135	5.50 6.00 5.30	5.50 6.00 5.30	6.50B/5.10A 6.20B/4.90A 5.90B/4.70A	6.50B/5.10A 6.20B/4.90A 5.90B/4.70A		5.90 - 0.40 5.60 - 0.40 5.30 - 0.40 5.00 - 0.40	.0948 .0902 .0856			4 14 1 3		97 + 1 119 - 3 13 + 1 173 + 3
2140 2145 2150	4.40 4.50 4.00	4.40 4.50 4.00	5.60B/4.40A 5.40B/4.20A 5.10/4.00A 4.90B/3.80A	5.60B/4.40A 5.40B/4.20A 5.10/4.00A 4.90B/3.80A		5.00 - 0.40 4.80 - 0.30 4.50 - 0.40 4.30 - 0.30	.0812 .0778 .0734 .0701			1 1660 6		173 + 3 29 UNCH 618 - 1071 14 + 1
2155 2160 2165 2170	4.40 3.60	4.40 3.60	4.70B/3.70 4.50B/3.50A 4.30B/3.40A	4.70B/3.70 4.50B/3.50A 4.30B/3.40A		4.10 - 0.30 3.90 - 0.30 3.70 - 0.30	.0669 .0637 .0606			9 25		79 - 2 42 UNCH 44 + 9
2175 2180 2185	3.00	3.00	4.10B/3.20A 3.90B/*3.00 3.70B/*2.90A	4.10B/3.20A 3.90B/*3.00 3.70B/*2.90A		3.60 - 0.20 3.40 - 0.20 3.20 - 0.20	.0586 .0556 .0525			15 29 		114 + 2 57 + 21 25 UNCH
2190 2195 2200	2.90 3.20 2.70	2.90 3.20 2.70	3.60B/*2.80A 3.40B/*2.70A 3.30B/*2.50	3.60B/*2.80A 3.40B/*2.70A 3.30B/*2.50		3.10 - 0.20 2.90 - 0.20 2.80 - 0.20	.0507 .0477 .0459			6 6 109		80 UNCH 34 + 1 1786 - 38
2205 2210 2215	2.90 2.50 2.70	2.90 2.50 2.70	3.10B/*2.50A 3.00B/*2.40A 2.80B/*2.30A	3.10B/*2.50A 3.00B/*2.40A 2.80B/*2.30A		2.70 - 0.10 2.60 - 0.10 2.40 - 0.20	.0442 .0424 .0395			12 3 2		37 + 11 26 UNCH 302 UNCH
2220 2225 2230			2.70B/*2.20A 2.60B/*2.10A 2.50B/*2.00A 2.40B/*1.90A	2.70B/*2.20A 2.60B/*2.10A 2.50B/*2.00A 2.40B/*1.90A		2.30 - 0.20 2.20 - 0.20 2.10 - 0.20 2.00 - 0.20	.0378 .0362 .0345 .0329			4 13		34 UNCH 102 - 2 41 + 8 32 UNCH
2235 2240 2245 2250	 1.80	 1.80	2.40B/*1.90A 2.30B/*1.90A 2.20B/*1.80A 2.10B/*1.70A	2.40B/*1.90A 2.30B/*1.90A 2.20B/*1.80A 2.10B/*1.70A		2.00 - 0.20 2.00 - 0.10 1.90 - 0.10 1.80 - 0.10	.0329 .0325 .0310 .0294			10 295		32 UNCH 30 + 3 20 UNCH 1911 + 183
			THIS PEROPT IS COMPT									

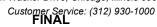
METALS OPTIONS PRODUCTS

Side 16











Fri, PG64 BULLETIN # 18@ Jan 27, METALS OPTION PRODUCTS 2023 PG64 OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE SETT.PRICE & PT.CHGE. DELTA EXER CISES GLOBEX® VOLUME OPEN INTEREST PNT VOLUME 2.008/*1.70A 1.908/*1.50A 1.908/*1.50A 1.908/*1.50A 1.708/*1.50A 1.708/*1.40A 1.708/*1.40A 1.508/*1.30A 1.508/*1.30A 1.508/*1.30A 1.208/---1.108/---1.008/---0.90/0.90 2.008/*1.70*A*1.908/*1.50*A*1.908/*1.50*A*1.808/*1.50*A*1.708/*1.40*A*1.708/*1.40*A*1.708/*1.30*A*1.508/*1.30*A*1.508/*1.30*A*1.508/*1.30*A*1.508/*1.00
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1.208/*0.80 1.70A 1.60A 1.50A 1.50A 1.40A 1.40A 1.30A 1.30A 1.20 1.10A 2255 22600 22655 22700 2275 2285 22900 23100 2325 23350 23450 23450 23450 2455 2450 2455 225500 25255 25500 27000 3000 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 UNCH .0278 .0275 .0225 .0242 .0227 .0225 .0210 .01194 .0159 .0143 .0194 .0110 .0010 .0010 .0010 .0056 .0056 .0042 .0020 26 79 27 9 187 155 1.70 1.70 1.50 1.50 1.50 1.40 1.40 1.40 1.10 0.90 0.90 0.90 0.60 0.60 0.40 0.40 0.30 0.20 0.20 20 2 32 25 1 ----7 1 1 ----2 ----1303 30 50 71 7 8 1422 21 138 678 63 86 78 911 374 360 1289 620 60932 0.90 0.80 0.90 0.80 0.80B/----0.70B/----0.60B/----0.80B/----0.70B/----0.60B/----0.50 0.50/0.50 0.50/0.50 40 46 10 25 8139 0.30 0.40 0.20 0.10 0.30/*0.30 0.40/*0.30 0.20/0.20 0.10/0.10 0.30/*0.30 0.40/*0.30 0.20/0.20 0.10/0.10 0.30 0.40 0.20 0.10 300 TOTAL ----717.00B/702.00A
667.10B/651.90A
397.30B/381.70A
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397.30B/351.70A
387.20B/3756.60A
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667.108/651.7
92.308/376.7
392.308/376.7
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372.208/356.6
367.308/351.7
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372.208/356.6
367.308/351.8
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332.508/316.8
332.508/326.2
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293.508/276.2
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2283.208/267.6
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2283.208/267.6
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258.808/281.4
249.108/233.8
244.708/219.5
230.008/214.8
220.808/204.2
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388.208/104.1
197.608/181.8
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06.408/65.30A
77.308/62.70A
07.708/66.10A
58.508/53.30A
13.408/35.70A
65.508/53.30A
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53.608/42.70A
99.808/33.30A
64.608/29.90A
65.908/53.30A
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67.308/62.70A
70.708/66.10A
68.108/57.70A
65.508/53.30A
61.408/42.70A
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METALS OPTIONS PRODUCTS

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Side 17										
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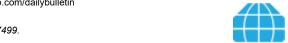
64

PG6	4 BULLET	IN # 18@		METALS OPTION PRODUCTS						Fri,	Jan 27	, 2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	(INTER	OPEN REST
OG C MAY2	3	COMEX GOLD OPT		/									
2200 2210 2215)	7.00 6.00	7.80B/6.50A 7.20B/6.00A 7.00B/5.80A	7.80B/6.50A 7.20B/6.00A 7.00B/5.80A		7.30 - 0.40 6.70 - 0.40 6.50 - 0.30	.0935 .0864 .0837			3 6 1		95 46 + 1 -	UNCH 6 1
2220	5.90	5.90	6.70B/5.60A 6.50B/5.40A	6.70B/5.60A 6.50B/5.40A		6.20 - 0.40 6.00 - 0.30	.0802			4 2		153 164	UNCH UNCH
2230 2235		====	6.20B/5.20A 6.00B/5.00A	6.20B/5.20A 6.00B/5.00A		5.70 - 0.40 5.50 NEW	.0742 .0716			6		91 + 1 +	3 1
2240 2245 2250		5.20 4.70	5.80B/4.90A 5.60B/4.70A 5.40B/4.50A	5.80B/4.90A 5.60B/4.70A 5.40B/4.50A		5.30 - 0.30 5.10 - 0.30 4.90 - 0.30	.0691 .0666 .0641			14 1 10		93 + 6 + 238 +	13 1 5
2255 2260		4.70 	5.20B/4.40A 5.10B/*4.20A	5.20B/4.40A 5.10B/*4.20A		4.70 - 0.30 4.50 - 0.30	.0616			2		3 + 11	2 UNCH
2265 2270	;)		4.90B/*4.10A 4.70B/*4.00A	4.90B/*4.10A 4.70B/*4.00A		4.40 - 0.30 4.20 - 0.30	.0577 .0553					7 - 18	1 UNCH
2275 2280 2290)		4.60B/*3.80A 4.40B/*3.70A 4.10B/*3.50A	4.60B/*3.80A 4.40B/*3.70A 4.10B/*3.50A		4.10 - 0.20 4.00 - 0.20 3.70 - 0.20	.0538 .0524 .0486			4 4 4		54 + 70 + 61 +	2 2 4
2300 2310)		3.90B/*3.30A 3.60B/*3.10A	3.90B/*3.30A 3.60B/*3.10A		3.50 - 0.10 3.30 - 0.10	.0458 .0431			14 1		204 - 30	4 UNCH
2320 2325	3.00	3.00	3.40B/*2.90A 3.30B/*2.80A	3.40B/*2.90A 3.30B/*2.80A		3.10 - 0.10 $3.00 - 0.10$ $2.90 - 0.10$.0405			2 24		57 39 +	UNCH 4 1
2330 2340 2350	2.60	2.60 2.30	3.20B/*2.70A 3.00B/*2.60 2.80B/*2.30	3.20B/*2.70A 3.00B/*2.60 2.80B/*2.30		2.90 - 0.10 2.60 - 0.20 2.60 UNCH	.0379 .0343 .0338			1 36 5		13 + 42 + 66 +	36 4
2360 2370	2.40	2.40	2.60B/*2.30A 2.40/*2.20A	2.60B/*2.30A 2.40/*2.20A		2.50 UNCH 2.30 UNCH	.0323 .0298			1 2		11 + 183 +	1 2
2375 2400 2425)	2.10	2.40B/*2.10 2.00B/*1.80A 1.80B/*1.60A	2.40B/*2.10 2.00B/*1.80A 1.80B/*1.60A		2.20 UNCH 1.90 UNCH 1.70 UNCH	.0286 .0246 .0218			2 10 		63 - 332 - 90	2 2 UNCH
2423 2450 2475			/*1.40A	/*1.40A		1.50 UNCH 1.30 UNCH	.0191					36 7	UNCH
2500 2525	1.00	1.00	1.00/*1.00	1.00/*1.00		1.10 - 0.10 1.00 UNCH	.0140			1		140 6 +	UNCH
2550 2600 2750	0.60	0.60 0.40	0.60/*0.60 0.40/*0.40	0.60/*0.60 0.40/*0.40		0.90 UNCH 0.70 UNCH 0.50 + 0.10	.0112 .0087 .0057			65 20 1		60 + 76 + 261	25 19 UNCH
TOTA	۸L	01.10	01.10, 01.10	01.10, 01.10		0.50 . 0.120	.005.			1458		18318+	202
JUN2 1400 1450)		566.70B/552.20A 516.80B/502.10A			562.30 - 1.20 512.30 - 1.20	1.0000					212 3	UNCH
1485 1500			481.80B/467.10A 466.80B/452.00A	481.80B/467.10A 466.80B/452.00A		477.30 - 1.20 462.30 - 1.20	.9977 .9959					200 448	UNCH UNCH
1525 1550)		441.90B/427.00A 416.90B/402.00A 397.00B/382.00A	416.90B/402.00A		437.30 - 1.20 412.30 - 1.20	.9926					0 0	UNCH
1570 1575 1585			392.00B/375.50A 382.10B/367.10A	397.00B/382.00A 392.00B/375.50A 382.10B/367.10A		392.30 - 1.20 387.30 - 1.20 377.30 - 1.20	.9876 .9863 .9848					1 12 2	UNCH UNCH UNCH
1590 1600)		377.10B/362.20A 368.20B/350.70A	377.10B/362.20A 368.20B/350.70A		372.30 - 1.20 362.30 - 1.30	.9834 .9808			5		2 2 44 +	UNCH 3
1605 1615 1625		 334.30	362.30B/347.20A 352.30B/337.30A 343.40B/326.10A	362.30B/347.20A 352.30B/337.30A 343.40B/326.10A		357.40 - 1.20 347.50 - 1.30 337.60 - 1.30	.9806 .9779 .9743			 4		6 2 7 +	UNCH UNCH 4
1630 1640))		337.70B/322.60A 327.90B/312.80A	337.70B/322.60A 327.90B/312.80A		332.70 - 1.30 322.90 - 1.30	.9729 .9702					1 1	UNCH UNCH
1650 1660)	308.00	318.90B/301.70A 308.50B/293.70A 303.60B/288.60A	318.90B/301.70A 308.50B/293.70A 303.60B/288.60A		313.10 - 1.30 303.40 - 1.30 298.50 - 1.30	.9665 .9619 .9605			 		14 + 50 30	8 UNCH UNCH
1665 1670 1675			298.70B/283.70A 294.60B/277.60A	298.70B/283.70A 294.60B/277.60A		293.70 - 1.30 293.70 - 1.30 288.90 - 1.30	.9581					91 314	UNCH
1680 1685			289.10B/274.10A 284.40B/269.40A	289.10B/274.10A 284.40B/269.40A		284.10 - 1.30 279.30 - 1.40	.9534 .9510					3 11	UNCH UNCH
1690 1695 1700			279.60B/264.60A 274.80B/259.90A 270.60B/253.80A	279.60B/264.60A 274.80B/259.90A 270.60B/253.80A		274.50 - 1.40 269.70 - 1.50 265.00 - 1.40	.9486 .9454 .9429					9 5 749	UNCH UNCH UNCH
1705 1710			265.30B/250.40A 260.60B/245.70A	265.30B/250.40A 260.60B/245.70A		260.20 - 1.50 255.50 - 1.50	.9397 .9364					3 4	UNCH UNCH
1715 1720)		255.90B/241.10A 251.20B/236.40A 247.10B/230.60A	255.90B/241.10A 251.20B/236.40A 247.10B/230.60A		250.80 - 1.50 246.20 - 1.50 241.50 - 1.50	.9330 .9297 .9263					6 10 94	UNCH UNCH UNCH
1725 1730 1735)		242.00B/227.20A 237.30B/222.60A	242.00B/227.20A 237.30B/222.60A		236.90 - 1.50 232.30 - 1.50	.9222					8 201	UNCH
1740 1745			232.70B/218.00A 228.20B/212.30A	232.70B/218.00A 228.20B/212.30A		227.70 - 1.50 223.10 - 1.50	.9145					1 22	UNCH
1750 1755 1760		220.00	223.90B/207.80A 219.10B/203.40A 214.90B/199.00A	223.90B/207.80A 219.10B/203.40A 214.90B/199.00A		218.60 - 1.50 214.10 - 1.50 209.60 - 1.50	.9053 .9003 .8953			2 		1058 1 30	UNCH UNCH UNCH
1765 1770			210.40B/194.60A 206.00B/190.20A	210.40B/194.60A 206.00B/190.20A		205.10 - 1.50 200.70 - 1.50	.8903 .8852					24 4	UNCH UNCH
1775 1780 1790)		201.50B/185.90A 197.10B/181.60A 188.40B/173.10A	201.50B/185.90A 197.10B/181.60A 188.40B/173.10A		196.30 - 1.60 191.90 - 1.60 183.30 - 1.60	.8795 .8737 .8614					226 2 11	UNCH UNCH UNCH
1795 1800			184.10B/168.90A 179.80B/164.70A	184.10B/168.90A 179.80B/164.70A		179.00 - 1.70 174.80 - 1.70	.8549 .8484			 19		1 1641 -	UNCH 1
1805 1810 1815)		175.60B/160.60A 171.40B/156.50A 167.30B/152.50A	175.60B/160.60A 171.40B/156.50A 167.30B/152.50A		170.60 - 1.80 166.50 - 1.70 162.40 - 1.80	.8413 .8341 .8264					14 46 40	UNCH UNCH UNCH
1820 1825			163.20B/148.60A 159.20B/144.70A	163.20B/148.60A 159.20B/144.70A		158.30 - 1.80 154.30 - 1.80	.8187 .8109					59 240	UNCH UNCH
1830 1840)		155.10B/140.70A 147.20B/133.10A 143.30B/129.40A	155.10B/140.70A 147.20B/133.10A 143.30B/129.40A		150.30 - 1.90 142.50 - 1.80 138.70 - 1.80	.8026 .7855 .7766					50 32 10	UNCH UNCH UNCH
1845 1850 1855)		139.50B/125.70A 135.70B/122.10A	139.50B/125.70A 135.70B/122.10A		134.90 - 1.80 131.20 - 1.70	.7673 .7580					3377 7	UNCH
1860 1865	127.80	127.80	132.00B/118.60A 128.40B/115.10A	132.00B/118.60A 128.40B/115.10A		127.50 - 1.70 123.90 - 1.70 120.30 - 1.80	.7483			1 		140 + 22	1 UNCH 1
1870 1875 1880		121.70 	124.80B/111.70A 121.30B/108.30A 117.80B/105.00A	124.80B/111.70A 121.30B/108.30A 117.80B/105.00A		116.80 - 1.80 113.40 - 2.00	.7284 .7179 .7074			23 		165 + 201 14	UNCH UNCH
1885 1890			114.40B/101.80A 111.10B/98.60A	114.40B/101.80A 111.10B/98.60A		110.00 - 2.10 106.70 - 2.00	.6966 .6858					71 20	UNCH
1895 1900 1905	97.30	97.30	107.80B/95.60A 104.60B/92.60A 101.40B/89.60A	107.80B/95.60A 104.60B/92.60A 101.40B/89.60A		103.50 - 2.00 100.30 - 2.00 97.20 - 2.00	.6747 .6634 .6520			305		12 2946 - 14	UNCH 299 UNCH
1910 1915			98.40B/86.70A 95.40B/83.90A	98.40B/86.70A 95.40B/83.90A		94.20 - 2.00 91.20 - 2.10	.6405 .6288					65 109	UNCH
1920 1925 1930	_====	81.50 79.20	92.60B/81.20A 89.70B/78.50A 86.80B/75.90A	92.60B/81.20A 89.70B/78.50A 86.80B/75.90A		88.30 - 2.10 85.40 - 2.20 82.70 - 2.10	.6170 .6051 .5932			1 300 46		14 - 610 + 98 +	290 46
1935 1940			84.10B/73.30A 81.40B/70.80A	84.10B/73.30A 81.40B/70.80A		80.00 - 2.10 77.40 - 2.10	.5812 .5691					28 79	UNCH UNCH
1945 1950	70.40	70.40	78.80B/68.40A 76.30B/66.10A	78.80B/68.40A 76.30B/66.10A		74.80 - 2.20 72.40 - 2.10	.5571			55		30 6348 +	UNCH 4
1955 1960 1965	65.60	65.60	73.80B/63.80A 71.40B/61.60A 69.00B/59.50A	73.80B/63.80A 71.40B/61.60A 69.00B/59.50A		69.90 - 2.20 67.60 - 2.10 65.30 - 2.10	.5329 .5209 .5089			1 16		87 37 128 -	UNCH UNCH 3
1970 1975			66.70B/57.40A 64.50B/55.40A	66.70B/57.40A 64.50B/55.40A		63.10 - 2.10 61.00 - 2.00	.4970 .4852			20 10		485 + 284 +	20 9
1980 1990 2000)	 51.30	62.50B/53.40A 58.40B/49.80A 54.50B/46.30A	62.50B/53.40A 58.40B/49.80A 54.50B/46.30A		58.90 - 2.00 54.90 - 2.00 51.20 - 1.90	.4735 .4504 .4278			7 135		52 + 4 11032 -	7 UNCH 35
2005 2010	·		52.60B/44.80A 50.80B/43.20A	52.60B/44.80A 50.80B/43.20A		49.40 - 1.90 47.70 - 1.90	.4167 .4059					78 14	UNCH UNCH
2015 2020	45.00	45.00 	49.10B/41.70A 47.50B/40.20A 45.80B/38.80A	49.10B/41.70A 47.50B/40.20A 45.80B/38.80A		46.00 - 1.90 44.40 - 1.90 42.80 - 1.90	.3951 .3845 .3740			1 14 		74 - 631 +	1 8 UNCH
2025 2030 2035)	 37.70	44.30B/37.40A 42.70B/36.10A	45.80B/38.80A 44.30B/37.40A 42.70B/36.10A		41.30 - 1.90 39.90 - 1.80	.3638 .3540					214 5 4 +	UNCH UNCH 1
2040 2045) ;		41.30B/34.80A 39.90B/33.50A	41.30B/34.80A 39.90B/33.50A		38.50 - 1.80 37.10 - 1.80	.3442 .3344					7 16	UNCH UNCH
2050 2055 2060		36.60 	38.50B/32.40A 37.20B/31.20A 35.90B/30.10A	38.50B/32.40A 37.20B/31.20A 35.90B/30.10A		35.80 - 1.80 34.60 - 1.70 33.40 - 1.70	.3250 .3160 .3070			111 		4290 + 60 51	46 UNCH UNCH
2065 2070			34.60B/29.10A 33.50B/28.00A	34.60B/29.10A 33.50B/28.00A		32.20 - 1.70 31.10 - 1.70	.2981 .2896					3 104	UNCH UNCH
2075 2080			32.30B/27.10A 31.20B/26.10A	32.30B/27.10A 31.20B/26.10A		30.00 - 1.70 28.90 - 1.70	.2812 .2728			20 		1101 + 6	10 UNCH

METALS OPTIONS PRODUCTS

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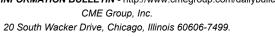
Side 18

CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 FINAL

PG64	PG64 BULLETIN # 18@			METALS OPTION PRODUCTS						Fri,	Jan 27,	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG CA JUN23 2085 2090 2095 2100 2110 2115 2120 2135 2145 2150 2145 2150 2160 2160 2175 2170 2175 2180 2185	23.50 23.50 18.70 15.70	COMEX GOLD OP' 23.50 18.70 15.70	30.20B/25.20A 29.10B/24.30A 28.10B/23.50A 27.20B/22.70A 26.30B/21.90A 25.40B/21.10A 24.50B/20.40A 23.70B/19.70A 22.90B/19.10A 22.10B/18.40A 21.40B/17.90A 20.00B/16.70A 19.30B/16.20A 18.70B/15.60A 18.70B/15.60A 18.10B/15.30A	30.20B/25.20A 29.10B/24.30A 28.10B/23.50A 27.20B/22.70A 26.30B/21.90A 25.40B/21.10A 24.50B/20.40A 23.70B/19.70A 22.90B/19.10A 22.10B/18.40A 21.40B/17.90A 20.70B/17.20A 20.00B/16.70A 19.30B/16.20A 18.70B/15.60A 18.10B/15.10A 17.50B/14.60A 16.90B/14.20A 15.30B/13.30A 15.30B/13.30A		27.90 - 1.70 27.00 - 1.60 26.00 - 1.60 25.10 - 1.60 24.30 - 1.50 22.70 - 1.40 21.90 - 1.30 20.50 - 1.30 19.80 - 1.30 19.10 - 1.30 19.10 - 1.30 17.30 - 1.10 16.70 - 1.10 16.70 - 1.10 15.70 - 1.00 14.70 - 1.00 14.70 - 1.00 14.70 - 1.00	.2649 .2574 .2496 .2422 .2354 .2218 .2218 .2089 .2028 .1968 .1968 .1973 .1785 .1691 .1644 .1550 .1550	CISES		VOLUME46 1048815 200		52 UNCH 2 UNCH 52 + 41 2547 - 34 2 UNCH 7 UNCH 42 - 4 17 UNCH 1824 + 695 10 UNCH 112 UNCH 170 + 5 8 UNCH 7017 UNCH 9 UNCH 7 UNCH 65 UNCH 42 UNCH 301 + 148 21 UNCH 40 UNCH
2195 2200 2215 2220 2215 2225 2230 2235 2240 2245 2255 2265 2275 2285 2280 2275 2285 2300 22310 2315 2310 2315 2330 2310 2315 2330 2325 2330 2340 2420 2425 2420 2425	11.90 	11.90	14.80B/12.50A 14.30B/12.10A/11.70A/11.00A/11.00A/10.70A 11.90/10.40A/10.00A/9.50A/9.50A/9.20A/8.70A/8.70A/8.70A/8.70A/8.70A/8.70A/7.70A/7.70A/7.70A/7.70A/7.70A/7.50A/8.90A	14.808/12.50A 14.30B/12.10A/11.70A/11.70A/11.00A/10.70A 11.90/10.40A/9.70A/9.50A/9.50A/8.90A/8.70A/7.90A/7.50A/7.50A/7.50A/7.10A/7.50A/8.80B/6.50A/6.20A/6.20A/6.50A/6.50A/6.40B/5.60A 6.20B/5.50A 6.10B/5.30A 5.50/5.30A 5.50/5.30A 4.70B/6.30A 4.70B/6.30A 4.70B/6.30A 4.70B/6.30A 3.70B/6.3.30A 3.50B/6.3.30A 3.50B/6.3.30A 3.50B/6.3.30A		13.70 - 1.00 13.30 - 0.90 12.90 - 0.90 12.10 - 0.90 11.70 - 0.90 11.70 - 0.80 10.70 - 0.70 10.30 - 0.80 10.00 - 0.80 9.70 - 0.70 9.40 - 0.70 9.20 - 0.60 8.90 - 0.60 8.90 - 0.60 8.60 - 0.60 8.20 - 0.50 7.70 - 0.50 7.70 - 0.50 7.70 - 0.50 7.30 - 0.40 6.50 - 0.40 6.50 - 0.40 6.50 - 0.40 6.30 - 0.30 5.80 - 0.30 5.80 - 0.30 5.80 - 0.30 5.80 - 0.30 5.10 - 0.30 5.10 - 0.30 5.10 - 0.30 5.10 - 0.30 4.40 - 0.20 4.70 - 0.20 4.70 - 0.20 3.80 NEW 3.70 - 0.20 3.80 NEW 3.70 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20 3.40 - 0.20	.1413 .1374 .1335 .1258 .1220 .1181 .1120 .1083 .1053 .1023 .1093 .0994 .0971 .0994 .0913 .0891 .0819 .0777 .0756 .0715 .0662 .0612 .0622 .0610 .0578 .0547 .0524 .0527 .0524 .0538 .0547 .0547 .0549 .0472 .0493 .0494 .0472 .0495 .0496 .0497 .0386 .0365			78 78 78 6 5 1 1 1 53 1 55 1 1 1 1 1 1 2 1 1 3 4 2 2 1 1 3 10 6 6		1 UNCH 26 UNCH 4056 UNCH 43 UNCH 43 UNCH 38 - 6 24 UNCH 75 UNCH 16 UNCH 31 UNCH 1751 + 5 1 UNCH 2 UNCH 3 UNCH 4 UNCH 3 UNCH 1 UNCH
2500 2550 2575 2600 2625 2700 2850 2900 3000 TOTAL	1.10 0.60 0.60	1.10 0.60 0.60	2.80b/*2.50A /*2.10A /*1.90A 1.10/*1.10 0.70/*0.60 0.60/0.60	2.80b/*2.50A /*2.10A /*1.90A 1.10/*1.10 0.70/*0.60 0.60/0.60	 	2.60 - 0.10 2.10 - 0.10 1.90 - 0.10 1.70 - 0.10 1.60 UNCH 1.20 UNCH 0.80 UNCH 0.70 UNCH 0.60 + 0.10	.0278 .0223 .0201 .0180 .0167 .0124 .0079 .0068			1 6 21 152 2754		1516 + 1 45 UNCH 1396 UNCH 80 UNCH 856 UNCH 20 UNCH 1998 UNCH 70658 + 1019
JUL 23 1300 1430 1430 1430 1430 1430 1500 1510 1500 1510 1530 1565 1650 1670 1675 1685 1770 1775 1780 1785 1790 1800 1815 1840 1840 1850 1840 1850 1860 1860 1860 1860 1860 1860 1900 1905 1910 1945 1930 1945 1950 1945 1950 1965 1975 1980 1995 1990 1945 1950 1965 1975 1980 1995 1990 1945 1950 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1965 1975 1980 1995 1990	351.00 351.00 	351.00	683.00B/669.50A 553.20B/539.30A 503.30B/489.20A 493.30B/489.20A 483.40B/469.20A 473.40B/459.20A 483.40B/469.20A 473.40B/459.20A 483.40B/469.20A 473.40B/439.20A 483.60B/404.20A 360.50B/343.60A 336.20B/319.40A 316.00B/302.20A 312.20B/295.60A 306.80B/292.70A 208.20B/292.70A 208.20B/292.70A 208.20B/292.70A 209.30B/213.80A 224.90B/226.90A 229.30B/213.80A 224.90B/209.50A 220.60B/205.20A 210.90B/105.20A 211.90B/196.80A 219.90B/184.40A 195.00B/180.30A 199.20B/184.40A 195.00B/180.30A 190.90B/176.30A 182.70B/168.40A 195.00B/181.30A 182.70B/168.40A 166.90B/153.10A 181.70B/168.40A 169.30B/113.10A 169.30B/114.30A 121.00B/109.00A 137.60B/124.80A 130.80B/118.30A 148.20B/112.10A 121.00B/109.00A 127.60B/68.40A 130.80B/118.30A 124.20B/112.10A 121.00B/109.00A 127.60B/68.40A 130.80B/177.50A 100.40B/89.50A 97.60B/86.90A 97.60B/86.90A 97.60B/86.90A 97.50B/66.30A 77.90B/68.40A 77.50B/66.30A 77.90B/68.80A 67.30B/77.00A 84.90B/74.70A 82.50B/72.60A 80.20B/70.40A 75.50B/66.30A 75.50B/64.40A 75.50B/62.50A 67.40B/58.80A 61.80B/53.80A 58.30B/50.60A 53.40B/46.30A 51.40B/38.70A 44.50B/41.10B/35.50A 39.90B/44.30A	683.00B/669.50A 553.20B/539.30A 503.30B/489.20A 493.30B/479.20A 483.40B/459.20A 473.40B/459.20A 473.40B/459.20A 473.40B/459.20A 473.40B/459.20A 473.40B/459.20A 473.40B/459.20A 473.40B/459.20A 473.40B/459.20A 473.40B/459.20A 473.60B/302.20A 312.20B/395.60A 316.00B/325.60A 306.80B/292.70A 301.70B/287.60A 288.60B/272.20A 225.80B/272.20A 225.80B/272.20A 226.60B/246.90A 229.30B/273.80A 224.90B/209.50A 224.90B/209.50A 224.90B/209.50A 226.60B/205.20A 227.60B/193.80A 207.60B/193.80A 207.60B/193.80A 207.60B/193.80A 207.60B/194.60A 308.80B/172.30A 318.20B/138.50A 314.10B/121.60A 313.60B/124.80A 314.10B/121.60A 313.60B/124.80A 314.10B/121.60A 314.10B/121.00B 317.60B/86.90A 95.00B/88.10A 87.30B/77.00A 88.90B/74.70A 30.80B/18.30A 24.20B/113.20A 37.50B/64.40A 77.90B/68.30A 75.70B/66.30A 73.50B/64.40A 77.90B/68.30A 75.70B/66.30A 73.50B/64.40A 77.90B/68.30A 73.50B/64.40A 77.90B/68.30A 73.50B/64.40A 77.90B/68.30A 73.50B/64.40A 77.90B/68.30A 73.50B/64.40A 71.50B/61.30A 73.50B/64.40A 71.50B/61.30A 73.50B/64.40A 71.50B/61.30A 83.50B/73.60A 43.50B/73.60A 43.50B/73.60A 44.90A 43.50B/73.60A 44.90A 43.50B/73.60A 44.90A 43.50B/73.60A 44.90A 43.50B/73.60A		679.00 - 1.20 549.00 - 1.20 499.00 - 1.20 489.00 - 1.20 479.00 - 1.20 469.00 - 1.20 469.00 - 1.20 414.00 - 1.20 414.00 - 1.30 310.40 - 1.50 306.40 - 1.50 301.70 - 1.50 296.90 - 1.60 282.90 - 1.60 237.20 - 1.60 237.20 - 1.60 219.60 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 215.30 - 1.70 216.70 - 1.80 190.00 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 185.90 - 1.80 162.20 - 1.90 143.70 - 1.90 143.70 - 2.00 149.80 - 2.10 101.70 - 2.00 104.60 - 2.10 101.70 - 2.10 93.40 - 2.20 93.80 - 2.20 90.80 - 2.20 90.80 - 2.20 90.80 - 2.20 90.80 - 2.10 67.90 - 2.10	1.0000 .9990 .9940 .9923 .9923 .9909 .9871 .9809 .9871 .9403 .9451 .9423 .9451 .9423 .9451 .9423 .9451 .9423 .9451 .9423 .9451 .9423 .8528 .8529 .8741 .8683 .8528 .8528 .8634 .8578 .8528 .8634 .8578 .8528 .8634 .8578 .8634 .8578 .8634 .8578 .8634 .8578 .8578 .8634 .8578 .8634 .8578 .8634 .8578 .8634 .8578 .8634 .8578 .8634 .8578 .8634 .8578 .8634 .8578 .85151 .4949 .4847 .4746 .4548 .4446 .4548 .4446 .4548 .4458 .4072 .3715 .3630 .3345 .3463 .3302 .3253 .3302 .3274 .2998			1		2 UNCH 2 UNCH 1 UNCH 1 UNCH 1 UNCH 1 UNCH 1 UNCH 1 UNCH 3 UNCH 1 UNCH 2 UNCH 1 UNCH 1 UNCH 1 UNCH 2 UNCH 1 UNCH

METALS OPTIONS PRODUCTS

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PG6	4 BULLET	IN # 18@		М	ETALS OPTION F	PRODUCTS				Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. D	DELTA	EXER	OPEN OUTCRY	GLOBEX®			OPEN
og c	ALL	COMEX GOLD OPTI	ONS					CISES	VOLUME	VOLUME	VOLUME	INTER	ESI
JUL2 2105	3		38.80B/33.70A	38.80B/33.70A			2929					1	UNCH
2110 2115			37.70B/32.70A 36.60B/31.80A	37.70B/32.70A 36.60B/31.80A		34.50 - 1.60 .	.2857 .2789					13 1	UNCH
2125 2130			34.50B/29.80A 33.60B/29.20A 31.70B/27.60A	34.50B/29.80A 33.60B/29.20A 31.70B/27.60A		31.70 - 1.50 .	.2657 .2593 .2468					36 1 93	UNCH UNCH UNCH
2140 2150 2155	26.60	26.60	30.00B/25.90A 29.10B/25.30A	30.00B/25.90A 29.10B/25.30A		28.30 - 1.40 .	2351			57		2035 - 1	57 UNCH
2160 2165	_====	25.00	28.30B/24.70A 27.50B/24.00A	28.30B/24.70A 27.50B/24.00A		26.70 - 1.40 . 26.00 - 1.40 .	2236 2184			1		5 1	UNCH
2170 2175			26.80B/23.30A 26.00B/22.60A	26.80B/23.30A 26.00B/22.60A		24.60 - 1.30 .	2131					1 30	UNCH
2195 2200	21.00	21.00	/20.40A 22.70B/19.70A /18.30A	/20.40A 22.70B/19.70A /18.30A		21.50 - 1.10 .	. 1887 . 1842 . 1710			1		26 417 16	UNCH UNCH UNCH
2215 2220 2225			/17.90A 19.90B/17.30A	/17.90A 19.90B/17.30A		19.30 - 1.10 .	1670 1630					50 39	UNCH
2230 2240			/16.90A /16.10A	/16.90A /16.10A		18.30 - 1.00 . 17.40 - 0.90 .	1591 1518					1 1	UNCH
2250 2265			/15.20A /14.20A	/15.20A /14.20A		15.30 - 0.80 .	1446					318 1	UNCH
2270 2275 2280			/13.80A /13.50A /13.20A	/13.80A /13.50A /13.20A		14.50 - 0.80 .	.1314 .1282 .1255					6 7 1	UNCH UNCH UNCH
2300 2325			/12.00A /10.60A	/12.00A /10.60A		12.80 - 0.70 .	1140			 1		4329 11 +	UNCH
2330 2340			/10.40A /9.90A	/10.40A /9.90A		11.10 - 0.60 . 10.60 - 0.60 .	.0994 .0951			2		2 2 +	UNCH 1
2350 2360			/9.50A /9.10A	/9.50A /9.10A		9.70 - 0.50 .	.0908					10 +	UNCH
2370 2400 2425			/8.70A /7.60A /6.90A	/8.70A /7.60A /6.90A		8.10 - 0.40 .	.0830 .0732 .0660			1 		1 - 219 1	UNCH UNCH
2450 2475			6.90B/6.20A /*5.60A	6.90B/6.20A /*5.60A		6.50 - 0.30 .	0590					50 5	UNCH
2500 2550	5.40	5.40	5.70B/*5.10A 4.70B/*4.30A	5.70B/*5.10A 4.70B/*4.30A		4.40 - 0.20 .	.0488 .0399			48 8		794 + 10 +	40 8
2575 2700	2.60	2.60	4.30B/*3.90A 2.80B/*2.60	4.30B/*3.90A 2.80B/*2.60			.0369 .0240			20		2 183 -	UNCH 20 57
TOTA AUG2										205		15370 -	37
1450 1500			483.10B/469.40A	533.00B/519.50A 483.10B/469.40A		479.00 - 1.20 .	.9935 .9860					2 17	UNCH UNCH
1550 1575			434.80B/417.70A 410.10B/393.10A	434.80B/417.70A 410.10B/393.10A		404.20 - 1.30 .	.9769 .9698					2 1	UNCH
1600 1625			385.60B/368.70A 361.30B/344.60A 340.90B/327.70A	361.30B/344.60A		355.50 - 1.40 .	.9627 .9533 .9443					17 4 2	UNCH UNCH UNCH
1645 1650 1665			337.30B/320.90A 322.00B/308.90A	337.30B/320.90A		331.60 - 1.40 .	9424					80 1	UNCH
1670 1700			317.40B/304.20A 290.50B/274.50A	317.40B/304.20A 290.50B/274.50A		312.80 - 1.40 . 285.00 - 1.50 .	.9319 .9134					1 238	UNCH UNCH
1720 1735				258.90B/243.30A		253.50 - 1.60 .	.8989 .8865					4 1	UNCH
1750 1775			224.10B/209.20A	245.60B/230.30A 224.10B/209.20A 203.40B/189.00A		219.00 - 1.70 .	.8734 .8484 .8194					420 815 36	UNCH UNCH UNCH
1800 1815 1825			191.40B/177.40A	191.40B/177.40A 183.60B/169.80A		186.60 - 1.90 .	.7999 .7861					7 65	UNCH
1830 1835			179.70B/166.10A 175.90B/162.40A	179.70B/166.10A 175.90B/162.40A		175.20 - 1.80 . 171.40 - 1.90 .	.7792 .7719					1000	UNCH
1850 1855			161.20B/148.20A	164.80B/151.70A 161.20B/148.20A		156.80 - 1.90 .	7494					124 7	UNCH
1875 1885 1900			147.30B/134.80A 140.60B/128.40A 131.00B/119.30A	140.60B/128.40A		136.40 - 2.00 .	.7093 .6924 .6660					5 9 1405	UNCH UNCH UNCH
1915 1925			121.80B/110.70A 116.30B/105.20A	121.80B/110.70A 116.30B/105.20A		117.80 - 2.10 .	6389					1 1 129	UNCH
1945 1950	101.00	101.00 94.80	105.30B/94.80 102.70B/92.00A	105.30B/94.80 102.70B/92.00A		101.30 NEW . 98.70 - 2.10 .	.5831 .5737			2 1		1 + 532 +	1 1
1955 1960			100.10B/90.10A 97.60B/87.30A	100.10B/90.10A 97.60B/87.30A		93.80 - 2.10 .	.5643 .5549					2 250	UNCH
1970 1975 1985			92.80B/83.30A 90.50B/80.70A 86.00B/76.50A	92.80B/83.30A 90.50B/80.70A 86.00B/76.50A		86.80 - 2.10 .	.5361 .5267 .5081					40 298 60	UNCH UNCH UNCH
1990 1995			83.80B/74.50A 81.70B/72.50A	83.80B/74.50A 81.70B/72.50A		80.20 - 2.10 . 78.20 - 2.00 .	4988 4897			20		30 + 15	20 UNCH
2000 2025			79.60B/70.60A 70.00B/61.90A	79.60B/70.60A 70.00B/61.90A		66.80 - 2.00 .	.4806 .4365					1482 680	UNCH UNCH
2040			64.70B/57.60A 61.50B/54.20A 58.40B/51.50A	64.70B/57.60A 61.50B/54.20A 58.40B/51.50A		58.60 - 1.90 .	.4113 .3950 .3793					1 626 50	UNCH UNCH UNCH
2060 2090 2100			50.10B/44.40A 47.60B/41.90A	50.10B/44.40A 47.60B/41.90A		47.70 - 1.70 .	.3349 .3210					20 1238	UNCH
2120 2125			43.00B/38.20A 42.00B/36.90A	43.00B/38.20A 42.00B/36.90A		41.00 - 1.50 . 40.00 - 1.50 .	.2952 .2890					18 15	UNCH
2145 2150			38.00B/33.70A 36.90B/32.60A	38.00B/33.70A 36.90B/32.60A		35.30 - 1.40 .	.2654 .2597			10		869 +	UNCH 10
2155 2170		34.90 	36.00B/32.10A 33.40B/29.80A 32.60B/28.90A	36.00B/32.10A 33.40B/29.80A 32.60B/28.90A		32.00 - 1.30 .	.2541 .2385 .2333			3 		3 + 5 36	UNCH UNCH
2175 2180 2185			31.90B/28.40A 31.20B/27.80A	31.90B/28.40A 31.20B/27.80A		30.50 - 1.30 . 29.80 - 1.20 .	.2286 .2238					38 33	UNCH UNCH
2200 2205			29.00B/25.70A 28.30B/25.30A	29.00B/25.70A 28.30B/25.30A		27.70 - 1.20 . 27.10 - 1.10 .	.2098 .2056					2629 4	UNCH UNCH
2210 2230			27.70B/24.70A 25.30B/22.60A 23.60B/21.10A	27.70B/24.70A 25.30B/22.60A 23.60B/21.10A		24.10 - 1.10 .	.2010 .1850 .1737			30 		30 + 8 9	30 UNCH UNCH
2245 2250 2275			/20.50A /18.30A	/20.50A /18.30A		22.00 - 1.00 .	1701 .1535					7250 4	UNCH
2290 2300			/17.30A /16.50A	/17.30A /16.50A		18.40 - 0.90 . 17.60 - 0.90 .	.1442 .1383			10		80 367	UNCH UNCH
2310 2320			/15.90A /15.20A	/15.90A /15.20A		16.20 - 0.80 .	.1330 .1278					2 2 2	UNCH
2325 2360 2400			/14.90A /13.00A /11.10A	/14.90A /13.00A /11.10A		13.70 - 0.70 .	.1255 .1090 .0935					2 3 139	UNCH UNCH UNCH
2425 2450			/10.10A /9.20A	/10.10A /9.20A		10.60 NEW . 9.70 - 0.40 .	.0850 .0778			1 1		1 + 2	1 UNCH
2475 2500	8.00	8.00	/8.50A 8.00/7.80A	/8.50A 8.00/7.80A		8.80 - 0.40 . 8.10 - 0.30 .	.0708 .0651			3		25 352 +	UNCH 3
2525 2575			/7.10A /*6.00A /5.60A	/7.10A /*6.00A /5.60A		6.30 - 0.20 .	.0596 .0506					8 835 65	UNCH UNCH UNCH
2600 3000			/3.60A 	/3.60A 		2.10 UNCH .	.0466 .0161 .0039					65 963 47	UNCH
4000 TOTA	,L					5.55 ONCH 1				81		23569+	67
SEP2 1200			798.80B/787.00A	798.80B/787.00A		795.80 - 1.20 1.	.0000					3	UNCH
1250 1450 1500			749.00B/737.00A 549.50B/536.60A 499.70B/486.50A	749.00B/737.00A 549.50B/536.60A 499.70B/486.50A		545.80 - 1.20 .	.0000 .9900 .9814					1 3 16	UNCH UNCH UNCH
1500 1550 1585			451.70B/434.90A 416.00B/402.80A	451.70B/434.90A 416.00B/402.80A		445.90 - 1.30 .	.9614 .9700 .9595					3 1	UNCH
1600 1615			402.80B/386.30A 387.00B/374.30A	402.80B/386.30A 387.00B/374.30A		397.00 - 1.30 . 382.60 - 1.30 .	.9544 .9493					11 1	UNCH UNCH
1700 1740			308.70B/293.00A 272.90B/257.70A	308.70B/293.00A 272.90B/257.70A		267.60 - 1.70 .	.9054 .8759					3 1	UNCH
1750 1760 1770			264.20B/249.20A 255.60B/240.70A 247.10B/232.40A	264.20B/249.20A 255.60B/240.70A 247.10B/232.40A		250.50 - 1.70 .	.8672 .8581 .8485					1 1 1	UNCH UNCH UNCH
1770 1785 1790			234.60B/220.20A 230.50B/216.10A	234.60B/220.20A 230.50B/216.10A		229.70 - 1.70 .	.8334 .8280					16 3	UNCH
1795 1800			226.40B/212.20A 222.30B/208.20A	226.40B/212.20A 222.30B/208.20A		221.60 - 1.70 . 217.60 - 1.70 .	.8225 .8170					7 2000	UNCH UNCH
1850	173.00	173.00	183.90B/170.90A	183.90B/170.90A			7547			2		5026	UNCH

METALS OPTIONS PRODUCTS

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PG64 BULLETIN # 18@			METALS OPTION PRODUCTS						Fri,	Jan 27	, 2023	PG64	
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN REST
OG C SEP2	3	COMEX GOLD OPTI		(_	
1860 1875 1885		169.20 	176.60B/164.00A 166.20B/153.90A 159.40B/147.40A	176.60B/164.00A 166.20B/153.90A 159.40B/147.40A		172.20 - 2.00 161.90 - 2.00 155.20 - 2.10	.7409 .7190 .7038			2 		3 76 10	UNCH UNCH UNCH
1890 1900			156.10B/144.20A 149.60B/138.00A	156.10B/144.20A 149.60B/138.00A		152.00 - 2.10 145.60 - 2.10	.6960 .6803					25 40	UNCH UNCH
1925 1935 1950			134.30B/123.50A 128.50B/118.00A 120.60B/110.20A	128.50B/118.00A		130.60 - 2.00 124.90 - 2.00 116.70 - 2.10	.6399 .6234 .5983					700 28	UNCH UNCH UNCH
1970 1975			110.20B/100.00A 107.80B/97.70A	110.20B/100.00A 107.80B/97.70A		106.50 - 2.10 104.10 - 2.10	.5646 .5561					32 750	UNCH UNCH
2000 2025 2040			96.30B/86.90A 85.90B/77.30A 80.20B/72.70A	96.30B/86.90A 85.90B/77.30A 80.20B/72.70A		92.80 - 2.10 82.70 - 2.10 77.20 - 2.00	.5141 .4733 .4497			27 		7068 66 16	UNCH UNCH UNCH
2050 2060			76.70B/68.90A 73.30B/65.70A	76.70B/68.90A 73.30B/65.70A		73.70 - 2.10 70.40 - 2.00	.4344 .4194			115		1239 + 74	88 UNCH
2085 2100 2125			65.40B/59.20A 61.10B/54.80A 54.70B/49.00A	65.40B/59.20A 61.10B/54.80A 54.70B/49.00A		62.80 - 2.00 58.70 - 1.90 52.50 - 1.80	.3836 .3633 .3315					2909 2030 50	UNCH UNCH UNCH
2135 2150			52.30B/47.20A 49.00B/44.00A	52.30B/47.20A 49.00B/44.00A		50.20 - 1.80 47.10 - 1.60	.3195 .3025			88		2909 5000	UNCH UNCH
2155 2195 2200	_====	37.40	48.00B/43.40A /36.60A 37.40/35.60A	48.00B/43.40A /36.60A 37.40/35.60A		46.10 - 1.60 38.90 - 1.40 38.10 - 1.40	.2970 .2563 .2516			 5		88 1 475	UNCH UNCH UNCH
2215	33.70	34.90 33.70 	35.60/33.70A 33.70/32.10A /30.40A	35.60/33.70A 33.70/32.10A /30.40A		35.80 - 1.30 34.30 NEW 32.30 - 1.20	.2382 .2294 .2173			35 2		48 + 2 + 5	35 2 UNCH
2240 2250 2275	27.50	27.50	/29.10A 28.50/26.30A	/29.10A 28.50/26.30A		31.00 - 1.20 28.00 - 1.20	.2094 .1911			9 120		48 + 472 -	9 74
2300 2400 2500	16.70	16.70	/23.90A 16.70/16.70 /12.10A	/23.90A 16.70/16.70 /12.10A		25.40 - 1.10 17.60 - 0.80 12.70 - 0.50	.1747 .1236 .0898			2		1155 848 + 571	UNCH 2 UNCH
2550 2575			/10.40A /9.70A	/10.40A /9.70A		10.80 - 0.50 10.10 - 0.30	.0767 .0716					1125 60	UNCH UNCH
3000 TOTA	.L	3.70	3.70/*3.50A	3.70/*3.50A		3.60 UNCH	.0248			12 419		206 35231+	UNCH 62
0CT2 1725 1800			289.00B/273.90A 226.60B/212.80A	289.00B/273.90A 226.60B/212.80A		283.80 - 1.60 221.90 - 1.80	.8725 .8020					1 23	UNCH UNCH
1840 1850			196.30B/183.40A 189.10B/176.50A	196.30B/183.40A 189.10B/176.50A		191.90 - 1.90 184.80 - 1.90	.7544 .7412					210 13	UNCH UNCH
1900 1925 1950			155.90B/144.50A 140.90B/130.30A 127.60B/117.40A	155.90B/144.50A 140.90B/130.30A 127.60B/117.40A		152.00 - 2.00 137.30 - 2.00 123.70 - 2.10	.6708 .6330 .5942			 20		55 101 103 +	UNCH UNCH 3
1975 2000 2040			115.00B/105.60A 103.70B/94.90A 87.80B/80.20A	115.00B/105.60A 103.70B/94.90A 87.80B/80.20A		111.40 - 2.10 100.30 - 2.00 84.70 - 2.00	.5550 .5162 .4565			5		621 206 1	UNCH UNCH UNCH
2050 2075			84.20B/76.90A 75.90B/69.30A	84.20B/76.90A 75.90B/69.30A		81.20 - 2.00 73.20 - 2.00	.4423 .4081					129 6	UNCH UNCH
2100 2110 2150			68.60B/62.50A 65.80B/60.00A 56.10B/51.10A	68.60B/62.50A 65.80B/60.00A 56.10B/51.10A		66.00 - 2.00 63.40 - 1.90 54.00 - 1.80	.3759 .3637 .3184					456 2 102	UNCH UNCH UNCH
2160 2185			54.00B/49.10A 49.00B/44.60A	54.00B/49.10A 49.00B/44.60A		51.90 - 1.80 47.00 - 1.80	.3078 .2829					2 26	UNCH UNCH
2200 2260 2300			/42.10A /33.80A /29.30A	/42.10A /33.80A /29.30A		44.40 - 1.70 35.50 - 1.50 30.80 - 1.30	.2692 .2206 .1937					2015 420 3015	UNCH UNCH UNCH
2325 2330			/26.90A /26.50A /24.80A	/26.90A /26.50A /24.80A		28.30 - 1.10 27.80 - 1.20 26.00 - 1.10	.1789 .1760			 25		75 11 1000	UNCH UNCH UNCH
2350 2375 2400		21.20	/22.80A 21.20/21.10A	/22.80A 21.20/21.10A		23.90 - 1.00 22.10 - 0.90	.1653 .1528 .1417			1		87 1525	UNCH UNCH
2425 2450 2500		 16.10	/19.50A /18.10A 16.10/15.60A	/19.50A /18.10A 16.10/15.60A		20.40 - 0.80 18.90 - 0.80 16.30 - 0.60	.1313 .1220 .1056			50 5		500 25 35 +	UNCH UNCH 5
2525 2550	14.60	14.60	/14.60A 14.60/13.60A	/14.60A 14.60/13.60A		15.10 - 0.60 14.10 - 0.50	.0981 .0916			 5		25 1 -	UNCH 5
2575 2650 3000		 5.20	/12.70A /10.50A 5.20/*5.00A	/12.70A /10.50A 5.20/*5.00A		13.10 - 0.60 10.80 - 0.40 5.00 - 0.10	.0853 .0703 .0320			 25		162 116 222 -	UNCH UNCH 15
TOTA NOV2										136		11291 -	12
1710 1790 1875		 187.50	319.90B/305.00A 252.50B/238.80A 189.60B/177.70A	319.90B/305.00A 252.50B/238.80A 189.60B/177.70A		315.00 - 1.40 248.00 - 1.70 185.70 NEW	.8815 .8152 .7184			 1		3 1 1 +	UNCH UNCH 1
1900 1980			173.20B/162.00A 128.70B/119.30A	173.20B/162.00A 128.70B/119.30A		169.50 - 1.90 125.30 - 2.00	.6853 .5717					301 6	UNCH
2000 2100 2150			119.20B/110.40A 81.70B/75.30A 68.00B/62.70A	119.20B/110.40A 81.70B/75.30A 68.00B/62.70A		116.10 - 1.90 79.40 NEW 66.10 - 1.60	.5428 .4089 .3522			80 		2 80 + 61	UNCH 80 UNCH
2200 2250			57.00B/52.50A /44.30A /37.60A	57.00B/52.50A /44.30A /37.60A		55.30 - 1.50 46.60 - 1.40	.3029 .2607 .2248					750 300 214	UNCH UNCH UNCH
2300 2400 TOTA	27.70	27.70	27.70/27.70	27.70/27.70		39.50 - 1.30 29.10 - 1.00	.1691			1 82		2 + 1721+	1 82
DEC2 1600	3		421.90B/406.40A			416.60 - 1.20	.9308					95	UNCH
1625 1650 1700			398.60B/383.20A 375.60B/360.40A 330.90B/316.30A	398.60B/383.20A 375.60B/360.40A 330.90B/316.30A		393.40 - 1.20 370.50 - 1.20 326.00 - 1.40	.9196 .9070 .8768					50 100 265	UNCH UNCH UNCH
1725 1750			309.30B/295.00A 288.40B/274.50A	309.30B/295.00A 288.40B/274.50A		304.60 - 1.40 283.80 - 1.40	.8590 .8393					2 550	UNCH UNCH
1775 1785 1800			268.00B/254.50A 260.10B/246.80A 248.40B/235.40A	268.00B/254.50A 260.10B/246.80A 248.40B/235.40A		263.60 - 1.50 255.70 - 1.60 244.20 - 1.50	.8173 .8081 .7933					126 1 6853	UNCH UNCH UNCH
1835 1840 1850			222.30B/210.10A 218.70B/206.60A 211.70B/199.80A			218.40 - 1.70 214.80 - 1.70 207.80 - 1.80	.7561 .7505 .7390					1 1 1075	UNCH UNCH UNCH
1860 1870			204.80B/193.10A 198.00B/186.60A	204.80B/193.10A 198.00B/186.60A		201.00 - 1.80 194.40 - 1.80	.7271 .7151					75 100	UNCH UNCH
1875 1880 1890			194.70B/183.40A 191.40B/180.30A 185.00B/174.10A	191.40B/180.30A		191.10 - 1.80 187.80 - 1.90 181.50 - 1.90	.7089 .7028 .6901					670 130 1	UNCH UNCH UNCH
1900 1905 1925			178.80B/168.10A 175.70B/165.20A 163.80B/153.90A	175.70B/165.20A		175.30 - 1.90 172.30 - 1.90 160.60 - 2.00	.6774 .6709 .6446					1312 10 101	UNCH UNCH UNCH
1940 1950			155.40B/145.80A 150.00B/140.70A	155.40B/145.80A 150.00B/140.70A		152.30 - 2.00 147.00 - 1.90	.6245 .6109					1 10043	UNCH UNCH
1975 1995 2000	118.00	 118.00	137.20B/128.60A 127.70B/119.60A 125.40B/117.40A	127.70B/119.60A 125.40B/117.40A		134.40 - 2.00 125.10 - 1.90 122.90 - 1.90	.5770 .5498 .5431			13		35 1 2911 +	UNCH UNCH 12
2005 2015 2025	117.50	117.50	123.20B/115.40A 118.80B/111.30A 114.70B/107.30A	123.20B/115.40A 118.80B/111.30A		120.70 - 1.90 116.50 - 1.80 112.40 NEW	.5363 .5229 .5097			11 1		12 + 22 1 +	11 UNCH 1
2030 2050	103.50	103.50	112.60B/105.40A 104.80B/98.20A	112.60B/105.40A 104.80B/98.20A		110.40 - 1.80 102.80 - 1.80	.5031 .4774			3		500 588	UNCH UNCH
2075 2100 2110			95.90B/89.80A /82.30A /79.50A	95.90B/89.80A /82.30A /79.50A		94.10 - 1.70 86.30 - 1.60 83.30 - 1.70	.4465 .4172 .4058			12		80 9688 100	UNCH UNCH UNCH
2125 2150 2200			/75.50A /69.40A /58.80A	/75.50A /69.40A /58.80A		79.10 - 1.70 72.70 - 1.60 61.70 - 1.40	.3893 .3633 .3162					2 2429 5569	UNCH UNCH UNCH
2250 2300	51.00	51.00	51.00/50.20A /43.10A	51.00/50.20A /43.10A		52.50 - 1.40 45.10 - 1.30	.2750 .2400			1 3		12144 + 1931	1 UNCH
2350 2375 2400			/37.30A /34.80A /32.50A	/37.30A /34.80A /32.50A		39.00 - 1.10 36.30 - 1.10 33.90 - 1.00	.2101 .1967 .1844					642 1460	UNCH UNCH UNCH
2450 2500 2600			/28.40A /25.00A /19.70A	/28.40A /25.00A /19.70A		29.60 - 0.90 26.00 - 0.80 20.30 - 0.70	.1623 .1435 .1130			1 1		100 15816 + 73	UNCH 1 UNCH
2700 2750			/*15.80A /*14.30A /*12.90A	/*15.80A /*14.30A /*12.90A		16.20 - 0.50 14.50 - 0.50 13.10 - 0.40	.0905 .0812 .0733					1601 1500	UNCH UNCH UNCH
2800 3000 3200	9.00	9.00	9.00/9.00 /*6.60A	9.00/9.00 /*6.60A		9.10 - 0.40 9.10 - 0.20 6.80 - 0.10	.0506			5 		682 9407 77	UNCH UNCH UNCH

METALS OPTIONS PRODUCTS

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PG6	4 BULLE	TIN # 18@			METALS OPTION	PRODUCTS				Fri,	Jan 27	, 2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER	OPEN OUTCRY	GLOBEX®			OPEN
OG C		COMEX GOLD OPT	FIONS					CISES	VOLUME	VOLUME 51	VOLUME	INTE	26
	4 130.90	130.90	#139.00B/130.90	#139.00B/130.90		137.00 - 1.80	. 5638			2		3 +	2
2050 2100 2200 2300			/*111.40A /*94.50A /*68.80A /51.40A	/*111.40A /*94.50A /*68.80A /51.40A		115.30 - 2.20 97.60 - 2.20 71.10 NEW 52.90 - 1.50	.5005 .4415 .3409 .2634			 379 379		2439 2439 379 + 392 +	UNCH UNCH 379 379
2400 TOTA	40.00 L	40.00	41.00/*39.30A	41.00/*39.30A		40.20 - 1.40	.2051			134 894		794 - 6446+	21 739
FEB2- 2020 2200						134.60 - 2.10 78.40 - 1.90	.5390 .3523			 370		37 381 +	UNCH 370
2250 2300 2800			 /*15.20A	 /*15.20A		68.20 - 1.80 59.60 - 1.70 20.20 - 1.00 15.00 - 0.80	.3125 .2775 .0988 .0724			370 		380 + 5 5	UNCH 370 UNCH UNCH
3000 TOTA JUN2	.L		/ 13.20A	/ 13.20A		13.00 - 0.00	.0724			740		809+	740
1850 1880 1970						268.90 - 0.90 249.40 - 0.90 198.00 - 0.80	.7353 .7083 .6209					400 75 100	UNCH UNCH UNCH
2000 2200 TOTA						183.30 - 0.80 114.00 - 0.60	.5907 .4090					130 500 1205	UNCH UNCH 0
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY	GLOBEX® VOLUME		INTE	OPEN
GWW 1 FEB2		GOLD WEEKLY WE	EDNESDAY OPTION WEE	K1				CISES	VOLUME	VOLUME	VOLUME	INIE	KESI
1675 1700 1710						0.10 UNCH 0.10 UNCH 0.10 UNCH						1 1 2	UNCH UNCH UNCH
1725 1730 1735						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0013			 9		2 2 9 +	UNCH UNCH 9
1750 1765 1780						0.10 UNCH 0.40 - 0.10 0.10 UNCH	.0117					1 2 6	UNCH UNCH
1790 1795 1800 1800			 /*0.20A	 /*0.20A		0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 - 0.20	.0029					5 5 15 37	UNCH UNCH UNCH UNCH
1800 1800 1805 1805			/*0.90A /*1.10A	/*0.90A /*1.10A		1.00 - 0.20 1.20 - 0.10 0.10 UNCH	.0285					9 9 10	UNCH UNCH UNCH
1810 1820 1820			/*1.50A	/*1.50A		0.10 UNCH 1.70 - 0.20 0.10 UNCH	.0469					4 1 20	UNCH UNCH UNCH
1825 1825 1825				/*1.00A 126.50B/108.60A 		1.10 - 0.30 120.70 - 1.10 0.10 UNCH	.0345 1.0000 .0000			 5		2 1 5	UNCH UNCH
1830 1835 1835 1840			/*0.50A 115.90B/99.80A /*0.60A	/*0.50A 115.90B/99.80A /*0.60A		0.10 UNCH 0.40 - 0.30 110.70 - 1.10 0.50 - 0.30	.0000 .0158 1.0000 .0197					12 2 1 26	UNCH UNCH UNCH UNCH
1840 1845 1845		0.80	0.90/*0.70A	 0.90/*0.70A		0.10 UNCH 0.10 UNCH 0.60 NEW	.0001 .0002 .0236			 2		150 1 2 +	UNCH UNCH 2
1850 1850 1855	0.10	0.10 0.90 0.90	0.10/*0.10 1.10B/*0.80A 1.30B/*0.90	0.10/*0.10 1.10B/*0.80A 1.30B/*0.90		0.10 - 0.10 0.80 - 0.30 0.90 - 0.40	.0005 .0308 .0351			14 1 2		31 - 62 4 +	1 UNCH 2
1855 1855 1860	7-77	1.10	96.10B/79.80A 1.60B/*1.00A	96.10B/79.80A 1.60B/*1.00A		90.70 - 1.20 0.10 - 0.10 1.10 - 0.40	.9992 .0009 .0426			 1		1 3 2 +	UNCH UNCH 1
1860 1865 1865			4.40B/2.90A 1.90B/1.20A	4.40B/2.90A 1.90B/1.20A		0.10 - 0.10 3.40 - 0.50 1.30 - 0.50	.0016 .0994 .0503					19 25 1	UNCH UNCH UNCH
1865 1870 1870			/*0.20A /0.20A #86.00B/*70.80A 81.20B/64.90A	/*0.20A /0.20A #86.00B/*70.80A 81.20B/64.90A		0.10 - 0.20 0.10 - 0.30 81.00 - 1.60 75.70 - 1.30	.0028 .0048 .8592					11 21 1 1	UNCH UNCH
1870 1875 1875 1875	0.30	0.30	0.30/*0.20 5.90B/3.80A 2.80B/1.70A	0.30/*0.20 5.90B/3.80A 2.80B/1.70A		0.20 - 0.30 4.40 - 0.60 1.90 - 0.60	.9951 .0097 .1260 .0721			22		64 + 10 4	UNCH 12 UNCH UNCH
1880 1880 1880	5.30	5.30 	6.80B/4.40A 3.40B/2.00A 71.20B/55.10A	6.80B/4.40A 3.40B/2.00A 71.20B/55.10A		5.10 - 0.60 2.30 - 0.60 65.80 - 1.40	.1429 .0860 .9850			20 		21 + 1 1	20 UNCH UNCH
1880 1885 1885			/*0.30A 7.70B/5.00A 4.10B/2.40A	/*0.30A 7.70B/5.00A 4.10B/2.40A		0.30 - 0.30 5.80 - 0.60 2.80 - 0.60	.0148 .1602 .1027			54 		63 + 1 2	44 UNCH UNCH
1885 1885 1890	0.30	0.30	/*0.30A 66.40B/49.50A 0.30/*0.30 8.80B/5.70A	/*0.30A 66.40B/49.50A 0.30/*0.30 8.80B/5.70A		0.40 - 0.30 60.90 - 1.50 0.50 - 0.40 6.60 - 0.70	.0204 .9795 .0265 .1792			 3		45 6 46	UNCH UNCH UNCH UNCH
1890 1890 1890 1890	4.20	4.20	4.80B/2.80A #69.00B/*55.20A 61.50B/44.50A	4.80B/2.80A #69.00B/*55.20A 61.50B/44.50A		3.30 - 0.70 64.50 - 1.70 56.00 - 1.50	.1199 .7901 .9734			2		22 4 5	UNCH UNCH UNCH
1895 1895 1895	0.60	0.60 	1.20B/*0.60 10.00B/6.50A 56.60B/39.60A	1.20B/*0.60 10.00B/6.50A 56.60B/39.60A		0.60 - 0.50 7.60 - 0.70 51.20 - 1.60	.0333 .2012 .9666			5 2 		9 + 13 + 8	1 2 UNCH
1900 1900 1900		7.50 	11.40B/7.40A 6.80B/3.90A 52.00B/35.40A	11.40B/7.40A 6.80B/3.90A 52.00B/35.40A		8.60 - 0.80 4.70 - 0.80 46.40 - 1.70 0.80 - 0.60	.2234 .1642 .9544			15 30 		43 + 42 + 6	12 19 UNCH
1900 1905 1905 1905		0.90 	1.60B/*0.80 47.20B/30.90A 2.20B/*1.00A 51.10B/36.60A	1.60B/*0.80 47.20B/30.90A 2.20B/*1.00A 51.10B/36.60A		$\begin{array}{cccc} 0.80 & - & 0.60 \\ 41.70 & - & 1.80 \\ 1.10 & - & 0.70 \\ 46.20 & - & 1.80 \end{array}$.0454 .9366 .0632 .8088			13 		320 - 5 76 1	UNCH UNCH UNCH
1910 1910 1910		 1.40	14.60B/9.60A 9.40B/5.50A 2.90B/*1.30A	14.60B/9.60A 9.40B/5.50A 2.90B/*1.30A		11.10 - 0.80 6.60 - 0.90 1.50 - 0.80	.2743 .2197 .0867			 76		5 5 239 +	UNCH UNCH 33
1910 1915 1915	3.30	3.30	42.50B/26.60A 4.00B/*1.70A 16.40B/10.90A	42.50B/26.60A 4.00B/*1.70A 16.40B/10.90A		37.10 - 1.90 2.00 - 1.00 12.60 - 0.80	.9131 .1162 .3023			5		213 9 + 1	UNCH 2 UNCH
1915 1915 1920	44.70 32.90	44.70 32.90 	47.50B/*35.00A 37.90B/22.70A 18.40B/12.30A	47.50B/*35.00A 37.90B/22.70A 18.40B/12.30A		43.10 NEW 32.60 - 2.00 14.20 - 0.80	.6972 .8836 .3312			1 3 1		1 + 3 + 2 +	1 1 1
1920 1920 1920	29.40 2.50	29.40 2.50	12.90B/7.60A 33.50B/19.00A 5.20B/2.20A	12.90B/7.60A 33.50B/19.00A 5.20B/2.20A		9.20 - 0.90 28.30 - 2.20 2.70 - 1.10	.2873 .8444 .1553			3 7 3		11 11 + 39 +	UNCH 3 3
1925 1925 1925 1925	12.20 3.70	15.10 12.20 3.70 28.10	20.50B/13.90A 15.00B/8.90A 6.80B/2.90A 35.70B/23.70A	20.50B/13.90A 15.00B/8.90A 6.80B/2.90A 35.70B/23.70A		15.90 NEW 10.70 - 1.00 3.60 - 1.20 31.30 - 2.10	.3611 .3241 .2037 .6755			21 18		1 + 25 + 22 + 3	1 20 14 UNCH
1925 1930 1930	21.00 14.70	21.00 14.70	29.30B/15.40A 17.20B/10.40A 37.60B/*26.50A	29.30B/15.40A 17.20B/10.40A 37.60B/*26.50A		24.20 - 2.30 12.40 - 1.10 33.40 - 2.00	.7961 .3633 .6068			7 1		18 + 2 + 7	3 1 UNCH
1930 1930 1930	4.40	4.40 21.00	9.10/3.70A 32.30B/*20.70A 25.30B/12.40A	9.10/3.70A 32.30B/*20.70A 25.30B/12.40A		4.70 - 1.40 28.00 - 2.10 20.30 - 2.50	.2608 .6363 .7390			109 1		77 + 4 15 +	24 UNCH 1
1935 1935 1935	15.40	15.40 	25.40B/17.50A 19.60B/12.10A 34.50B/*24.00A	25.40B/17.50A 19.60B/12.10A 34.50B/*24.00A		19.90 - 0.90 14.40 - 1.00 30.50 - 2.00	.4243 .4047 .5751			33		35 + 2	UNCH 33 UNCH
1935 1935 1935	6.60 20.40	6.60 20.40	11.40B/4.90A 29.20B/*18.20A 21.60B/9.90A	11.40B/4.90A 29.20B/*18.20A 21.60B/9.90A		6.20 - 1.50 25.00 - 2.10 16.80 - 2.60	.3298 .5949 .6700			- 4		15 + 3 20 -	2 UNCH 1
1940 1940 1940	19.00 11.00	19.00 11.00	28.00B/19.60A 22.30B/14.00A 14.20B/6.30A	28.00B/19.60A 22.30B/14.00A 14.20B/6.30A		22.20 - 0.80 16.60 - 1.00 8.00 - 1.60	.4569 .4471 .4059			170 11		1 168 + 104 +	UNCH 161 3
1940 1940 1945	12.70	21.70 12.70 22.00	26.20B/*16.00A 18.10B/7.70A 30.80B/21.90A 25.30B/16.20A	26.20B/*16.00A 18.10B/7.70A 30.80B/21.90A 25.30B/16.20A	 	22.10 NEW 13.60 - 2.70 24.60 - 0.90 19.00 - 1.00	.5525 .5939 .4896 .4899			1 15 2 1		1 + 22 + 2 3 +	1 5 UNCH 1
1945 1945	12.80	12.80	17.40B/8.10A	17.40B/8.10A		10.30 - 1.50	.4875			137		269 +	131

METALS OPTIONS PRODUCTS

64 Side 22

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CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499.

Customer Service: (312) 930-1000 FINAL

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					FINAL	12) 330 1000							
PG64	BULLET	IN # 18@			METALS OPTION	PRODUCTS				Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN REST
GWW W FEB23 1945 1945		20.00 10.00	23.30B/*14.00A 15.20B/6.00A	23.30B/*14.00A 15.20B/6.00A		19.60 NEW 10.90 - 2.60	.5097 .5122			2 20		2 + 332 +	2 14
1950 1950			30.00B/*21.20A 34.00B/24.30A	30.00B/*21.20A 34.00B/24.30A		26.60 - 1.70 27.30 - 0.70	.4821					1 1	UNCH
1950 1950	12 20		28.60B/18.50A 26.40B/*17.60A	28.60B/18.50A 26.40B/*17.60A		21.60 - 1.00 22.90 - 1.80 12.90 - 1.50	.5327					1 2	UNCH UNCH
1950 1950	12.20 10.00	12.20 10.00	20.80B/10.30A 20.80B/*12.20A 12.40B/4.50A	20.80B/10.30A 20.80B/*12.20A 12.40B/4.50A		12.90 - 1.50 17.20 - 2.10 8.50 - 2.60	.5697 .4669 .4301			10 27		155 + 1 141 +	UNCH 21
1950 1955 1955			37.00B/26.90A	37.00B/26.90A 31.80B/21.20A		30.00 - 0.80 24.40 - 1.00	.5543			 1		2 1	UNCH
1955 1955	6.40 14.30	6.40 14.30	31.80B/21.20A 10.00B/*3.40A 25.00B/12.90A	10.00B/*3.40A 25.00B/12.90A		6.60 - 2.40 16.00 - 1.30	.3520			9		204 + 17 +	1 2
1955 1960	24.70	24.70	25.00B/12.90A 24.00B/*15.80A 29.00B/15.90A	24.00B/*15.80A 29.00B/15.90A		20.70 - 1.80 19.50 - 1.00	.4451 .7175					1 16 -	UNCH 2
1960 1960			35.30B/24.00A 21.80B/*14.20A 16.20B/*9.10A 7.90B/*2.60A	35.30B/24.00A 21.80B/*14.20A		27.50 - 0.80 18.60 - 1.80	.6159 .4132			20		20 + 4	19 UNCH
1960 1960	12.30 5.90 21.30	12.30 5.90 21.30	16.20B/*9.10A 7.90B/*2.60A	16.20B/*9.10A 7.90B/*2.60A		13.10 - 2.00 5.10 - 2.10 23.30 - 0.80	.3837 .2823 .7779			2 16 15		3 126 +	UNCH 11 15
1965 1965 1965		21.30	33.20B/19.30A 39.20B/27.00A 14.20B/*7.90A 6.20B/*2.00A	33.20B/19.30A 39.20B/27.00A 14.20B/*7.90A		30.80 - 0.70 11.40 - 1.80	.6549			1		24 + 1 20	UNCH
1965 1970	2.40	2.40	6.20B/*2.00A 43.20B/30.30A	6.20B/*2.00A 43.20B/30.30A		3.90 - 1.90 34.30 - 0.50	.2218 .6915			11		42 1	UNCH
1970 1970	25.50	25.50 	37.90B/23.00A 12.40B/*6.70A	37.90B/23.00A 12.40B/*6.70A		27.30 - 0.60 9.90 - 1.70	.8303 .3081			11 		12 +	11 UNCH
1970 1975	29.50	29.50	4.80B/*1.60A 42.50B/27.00A	4.80B/*1.60A 42.50B/27.00A		2.90 - 1.70 31.60 - 0.30 8.60 - 1.50	.1695 .8705 .2742			6		40 8 +	UNCH 6
1975 1975 1975	2.50	2.50	10.80B/*5.80A 16.00B/*10.20A 3.70B/*1.30A	10.80B/*5.80A 16.00B/*10.20A 3.70B/*1.30A		13.50 - 1.50 2.20 - 1.40	.3244					14 41 80 -	UNCH UNCH 1
1980 1980	33.90	33.90	47.30B/31.20A /*1.00A 9.30B/*5.00A	47.30B/31.20A /*1.00A		36.10 UNCH 1.70 - 1.20	.9008			2 1		4 + 13 +	2 1
1980 1980	15.00	15.00	#1/./0B/*12.00A	9.30B/*5.00A #17.70B/*12.00A		7.40 - 1.40 15.30 NEW	.2422			2		1 0	UNCH
1985 1985	10.80	10.80	52.00B/35.60A 12.90B/*8.10A	52.00B/35.60A 12.90B/*8.10A 8.10B/*4.30A		40.70 + 0.20 10.80 NEW 6.40 NEW	.9249 .2716 .2137			17 1		3 17 + 1 +	UNCH 17 1
1985 1985 1990			8.10B/*4.30A /*0.80A 55.90B/40.10A	/*0.80A 55.90B/40.10A		1.30 - 1.00 45.40 + 0.40	.0749					3 2	UNCH
1990 1990	1.40	1.40	11.50B/*7.20A 1.40/*0.60A	11.50B/*7.20A 1.40/*0.60A		9.60 - 1.30 1.00 - 0.80	.2471 .0567			 4		10 33 +	UNCH 3
1995 1995	0.80	0.80	60.80B/44.80A 0.80/*0.50A 0.90/*0.50A	60.80B/44.80A 0.80/*0.50A		50.20 + 0.50 0.80 - 0.60	.9558			1		1 67 -	UNCH
2000	0.90	0.90	0.90/*0.50A 9.20B/*5.70A 70.80B/54.30A	0.90/*0.50A 9.20B/*5.70A 70.80B/54.30A		0.60 - 0.50 7.60 NEW 59.90 + 0.80	.0324 .2033 .9739			18 2		27 + 2 + 2	15 2 UNCH
2005 2005 2010			/*O 4OA	/*N 4NA		0.50 - 0.30 0.40 - 0.30	.0260					13 1	UNCH
2010 2015			/*2.10A /*0.30A	/*0.30A /*2.10A /*0.30A /*1.80A		3.10 - 0.60 0.30 - 0.20	.1102 .0147					1 15	UNCH
2015 2020			/*0.40A /*0.30A /*0.30A /*1.80A 5.70B/*3.70A	3./UB/~3./UA		2.70 - 0.50 4.80 - 0.70	.0964					1 5	UNCH
2020 2020	2.80	2.80	/*0.20A	2.80/*1.60A /*0.20A 5.10P/*3.30A		2.30 NEW 0.20 - 0.20 4.30 - 0.60	.0830 .0096 .1225			2 2		2 + 17 5 -	UNCH
2025 2025 2025	0.40	0.40	5.10B/*3.30A /*1.40A 0.40/*0.20A	5.10B/*3.30A /*1.40A 0.40/*0.20A		2.00 - 0.40 0.20 - 0.10	.0724			 36		4 22 -	UNCH 2
2030 2030			4.50B/*3.00A	4.50B/*3.00A		3.80 - 0.60 0.10 - 0.10	.1097					5 22	UNCH UNCH
2035 2040	0.20	0.20	0.20/*0.20	0.20/*0.20		0.10 - 0.10 0.10 UNCH	.0029					4 - 1 <u>1</u>	UNCH
2045 2050 2050			/*0.80A	/*0.80A		0.10 UNCH 1.00 - 0.20 0.10 UNCH	.0011 .0363 .0006					2 31	UNCH UNCH UNCH
2055 2055 2055			/*0.70A	/*0.70A		0.90 - 0.10 0.10 UNCH	.0324					7 8	UNCH
2060 2060			/*1.60A	/*1.60A		2.00 - 0.30 0.10 UNCH	.0594					2 8	UNCH UNCH
2065 2065			/*0.60A	/*0.60A		0.70 NEW 0.10 UNCH	.0250					2 + 14	UNCH
2070 2070 2075	1.50	1.50	1.90B/*1.40A /*0.50A	1.90B/*1.40A /*0.50A		1.60 NEW 0.10 UNCH 0.60 UNCH	.0479 .0000 .0208			1 		1 + 100 1	UNCH UNCH
2075 2080			/*0.50A	/*0.50A		0.10 UNCH 0.50 - 0.10	.0000					2 1	UNCH
2090 2095			/*1.60A	/*1.60A		0.10 UNCH 1.80 - 0.20	.0000 .0472					150 1	UNCH UNCH
2110 2120						0.10 UNCH 0.10 UNCH						1 1 2	UNCH
2125 2140 2145						$egin{array}{llll} 0.60 & - & 0.10 \\ 0.10 & - & 0.10 \\ 0.10 & - & 0.10 \\ \end{array}$.0175 .0033 .0027					1 230	UNCH UNCH UNCH
2160 TOTAL						0.10 NEW	.0014			9 1101		9 + 4912+	713
	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	INTE	OPEN REST
GMW M JAN23		GOLD WEEKLY MO	ONDAY OPTION WEEK5										
1605 1635						0.10 UNCH 0.10 UNCH						168 19	UNCH
1645 1650						0.10 UNCH 0.10 UNCH						1 234 10	UNCH
1655 1660 1670						0.10 UNCH 0.10 UNCH 0.10 UNCH						10 11 2	UNCH UNCH UNCH
1675 1680						0.10 UNCH 0.10 UNCH						1 45	UNCH
1685 1690						0.10 UNCH 0.10 UNCH						12 1	UNCH UNCH
1695 1700						0.10 UNCH 0.10 UNCH 0.10 UNCH						1 19 38	UNCH UNCH UNCH
1705 1710						0.10 UNCH 0.10 UNCH 0.10 UNCH						81 9	UNCH
1715 1720 1725						0.10 UNCH 0.10 UNCH						10 17	UNCH UNCH
1730 1740						0.10 UNCH 0.10 UNCH						5 17	UNCH UNCH
1745 1750						0.10 UNCH 0.10 UNCH						36 13	UNCH
1755 1765 1770				 181.00B/164.70A		0.10 UNCH 0.10 UNCH 175.70 - 1.10	1.0000					6 6 2	UNCH UNCH UNCH
1770 1770 1775			176.00B/159.70A	176.00B/159.70A		0.10 UNCH 170.70 - 1.10	1.0000					2 1	UNCH UNCH
1775 1780						0.10 UNCH 0.10 UNCH						22 12	UNCH UNCH
1785 1790			 156 OOP/130 60A	 156 00P/139 60A		0.10 UNCH 0.10 UNCH	1 0000					10 11	UNCH
1795 1795 1800				156.00B/139.60A 151.00B/134.70A		150.70 - 1.10 0.10 UNCH 145.70 - 1.10	1.0000					14 3	UNCH UNCH UNCH
1800 1800 1805						0.10 UNCH 0.10 UNCH						111 11	UNCH UNCH
1810 1815						0.10 UNCH 0.10 UNCH						32 18	UNCH UNCH
1820 1825			126.00B/109.70A	126.00B/109.70A		0.10 UNCH 120.70 - 1.10 0.10 UNCH	1.0000					2 5 15	UNCH UNCH UNCH
1825 1830 1830			120.90B/104.70A	120.90B/104.70A		0.10 UNCH 115.70 - 1.10 0.10 UNCH	1.0000					15 4 10	UNCH
1835			115.90B/99.70A	115.90B/99.70A		110.70 - 1.10	1.0000					11	UNCH

METALS OPTIONS PRODUCTS

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		" 400			FINAL	PP001:575					-	2022 - ::
PG64		ΓΙΝ # 18@			METALS OPTION					Fri,	Jan 27,	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
GMW_M	ON	GOLD WEEKLY M	ONDAY OPTION WEEK5					CISES	VOLUME	VOLUME	VOLUME	INTEREST
JAN23 1835			 110.90B/94.70A	 110.90B/94.70A		0.10 UNCH 105.70 - 1.10	1.0000					4 UNCH 3 UNCH
1840 1840 1845			105.90B/89.70A	105.90B/89.70A		0.10 UNCH 100.70 - 1.10	1.0000					12 UNCH 6 UNCH
1845 1850			100.90B/83.40A	100.90B/83.40A		0.10 UNCH 95.70 - 1.10	1.0000					101 UNCH 12 UNCH
1850 1855			95.90B/79.60A	95.90B/79.60A		0.10 UNCH 90.70 - 1.10	1.0000					17 UNCH 5 UNCH
1855 1860			90.90B/74.80A	90.90B/74.80A		0.10 UNCH 85.70 - 1.10 0.10 UNCH	1.0000					115 UNCH 2 UNCH 152 UNCH
1860 1865 1865			85.90B/69.60A	85.90B/69.60A		80.70 - 1.10 0.10 UNCH	1.0000					31 UNCH 112 UNCH
1870 1875			76.50B/58.60A	76.50B/58.60A		0.10 UNCH 70.70 - 1.10	1.0000			2		206 UNCH 12 UNCH
1875 1880			/*0.10A 71.10B/54.70A	/*0.10A 71.10B/54.70A		0.10 - 0.10 65.70 - 1.20	1.0000					17 UNCH 10 UNCH
1880 1885 1885			/*0.10A 66.10B/49.60A /*0.10A	/*0.10A 66.10B/49.60A /*0.10A		0.10 - 0.10 60.70 - 1.20 0.10 - 0.20	.0000 1.0000 .0000					8 UNCH 3 UNCH 25 UNCH
1890 1890			61.10B/44.80A /*0.10A	61.10B/44.80A /*0.10A		55.70 - 1.30 0.10 - 0.20	.9999					5 UNCH 9 - 1
1895 1895			56.00B/39.70A /*0.10A	56.00B/39.70A /*0.10A		50.70 - 1.40 0.10 - 0.30	.9992 .0008					16 UNCH 8 UNCH
1900 1900			51.50B/33.90A /*0.10A 46.30B/29.00A	51.50B/33.90A /*0.10A 46.30B/29.00A		45.70 - 1.50 0.10 - 0.40 40.70 - 1.70	.9976 .0024 .9939			2		16 UNCH 22 UNCH 37 UNCH
1905 1905 1910	0.50 30.60	0.50 30.60	0.50/*0.20 41.20B/24.40A	0.50/*0.20 41.20B/24.40A		0.10 - 0.60 35.80 - 1.80	.0060			4 2		22 + 1 78 - 2
1910 1915	0.60 29.50	0.60 29.50	0.90/*0.20 36.40B/19.80A	0.90/*0.20 36.40B/19.80A		0.20 - 0.70 30.90 - 2.00	.0135 .9773			27 1		39 + 12 204 + 1
1915 1920	1.30	1.30	1.40B/*0.20 31.80B/15.60A	1.40B/*0.20 31.80B/15.60A		0.30 - 0.90 26.10 - 2.20	.0226 .9586			21		47 - 1 19 - 2
1920 1925 1925	1.60 1.10	1.60 1.10	2.10B/*0.50 27.20B/11.80A 3.20B/*0.60	2.10B/*0.50 27.20B/11.80A 3.20B/*0.60		0.50 - 1.20 21.40 - 2.60 0.90 - 1.40	.0412 .9216 .0783			64 264		55 + 30 20 UNCH 152 - 5
1930 1930	20.00	20.00 1.60	22.80B/8.50A 4.80B/*1.10A	22.80B/8.50A 4.80B/*1.10A		17.00 - 2.90 1.40 - 1.80	.8704 .1294			8 85		29 + 3 32 - 3
1935 1935	5.40 6.70	5.40 6.70	18.70B/5.40 7.20/*1.80A	18.70B/5.40 7.20/*1.80A		12.90 - 3.20 2.30 - 2.10	.7849 .2149			13 10 <u>5</u>		156 + 6 83 + 57
1940 1940	3.30 5.90	3.30 5.90	14.90B/3.80A 10.10B/2.90A 11.70B/*2.30A	14.90B/3.80A 10.10B/2.90A 11.70B/*2.30A		9.30 - 3.50 3.70 - 2.40 6.30 - 3.60	.6651 .3347 .5196			7 36 92		161 - 1 39 + 9 69 + 7
1945 1945 1950	5.70 4.10	5.70 4.10	13.60B/4.30A 8.80B/*1.50A	13.60B/4.30A 8.80B/*1.50A		5.70 - 2.50 4.10 - 3.40	.4802			65 79		44 + 9
1950 1955	12.30 2.90	12.30 2.90	17.80B/6.30A 6.40B/*0.90A	17.80B/6.30A 6.40B/*0.90A		8.50 - 2.30 2.60 - 2.90	.6299 .2434			31 83		18 + 3 97 + 64
1955 1960	10.60 1.80	10.60 1.80	22.40/9.00A 4.50B/*0.70A	22.40/9.00A 4.50B/*0.70A		12.00 - 1.80 1.60 - 2.40	.7564			30 12		22 + 12 17 + 11
1960 1965 1965	1.40	1.40	27.00B/12.20A 3.10B/*0.50A 31.80B/16.00A	27.00B/12.20A 3.10B/*0.50A 31.80B/16.00A		16.00 - 1.30 1.00 - 1.90 20.40 - 0.80	.8501 .0896 .9102			44		14 UNCH 70 + 14 8 UNCH
1970 1975	0.40 0.20	0.40 0.20	0.50/*0.30A 0.50/*0.10	0.50/*0.30A 0.50/*0.10		0.60 - 1.50 0.40 - 1.10	.0507			52 31		140 + 27 35 + 17
1980 1985	0.20 0.40	0.20 0.40	0.40/*0.10 0.40/*0.10	0.40/*0.10 0.40/*0.10		0.20 - 0.90 0.10 - 0.70	.0142			18 26		37 + 7 16 - 6
1990 1995	0.30	0.30 0.30	0.30/*0.10A /*0.10A 0.30/*0.10	0.30/*0.10A /*0.10A 0.30/*0.10		0.10 - 0.50 0.10 - 0.30 0.10 - 0.20	.0025			16 3		22 + 7 11 UNCH
2000 2005 2010	0.30 0.10 0.10	0.30 0.10 0.10	0.10/0.10 0.10/0.10 0.10/0.10	0.10/0.10 0.10/0.10 0.10/0.10		$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$.0003 .0000 .0000			1 1		14 + 2 5 + 1 13 UNCH
2015 2020						0.10 UNCH 0.10 UNCH	.0000					5 UNCH 207 UNCH
2025 2030						0.10 UNCH 0.10 UNCH						15 UNCH 17 UNCH
2035 2040 2045						0.10 UNCH 0.10 UNCH 0.10 UNCH						5 UNCH 8 UNCH 105 UNCH
2050 2055						0.10 UNCH 0.10 UNCH						101 UNCH 114 UNCH
2060 2065						0.10 UNCH 0.10 UNCH						2 UNCH 2 UNCH
2070 2075 2080						0.10 UNCH 0.10 UNCH 0.10 UNCH						1 UNCH 3 UNCH 4 UNCH
2125 TOTAL						0.10 UNCH				1233		6 UNCH 4493 + 321
FEB23						0.10 UNCH						2 UNCH
1615 1620 1625						0.10 UNCH 0.10 UNCH 0.10 UNCH						1 UNCH 3 UNCH
1635 1645						0.10 UNCH 0.10 UNCH						10 UNCH 5 UNCH
1650 1655						0.10 UNCH 0.10 UNCH						6 UNCH 1 UNCH
1660 1665 1675						0.10 UNCH 0.10 UNCH 0.10 UNCH						2 UNCH 3 UNCH 4 UNCH
1685 1690						0.10 UNCH 0.10 UNCH						1 UNCH 5 UNCH
1695 1695						0.10 UNCH 0.10 UNCH	.0001					1 UNCH 2 UNCH
1700 1705 1710						0.10 UNCH 0.10 UNCH 0.10 UNCH						2 UNCH 2 UNCH 20 UNCH
1710 1710 1715						0.10 UNCH 0.10 UNCH	.0002					7 UNCH 1 UNCH
1720 1720						0.10 UNCH 0.10 UNCH	.0004					3 UNCH 5 UNCH
1725 1725 1730						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0005					1 UNCH 5 UNCH 8 UNCH
1735 1735 1735			215.90B/199.60A	215.90B/199.60A		210.60 - 1.10 0.10 UNCH	1.0000 .0000					1 UNCH 5 UNCH
1740 1745	0.10	0.10	0.10/*0.10	0.10/*0.10		0.10 UNCH 0.10 UNCH	.0000			1		3 UNCH 5 UNCH
1745 1750						0.40 - 0.10 0.10 UNCH 0.10 UNCH	.0109 .0000 .0000			2 		4 + 2 9 UNCH 2 UNCH
1755 1760 1760			190.90B/174.60A	190.90B/174.60A		0.10 UNCH 185.60 - 1.10 0.10 UNCH	1.0000 1.0000 .0000					1 UNCH 4 UNCH
1760 1765			 185.90B/169.70A	 185.90B/169.70A		$ \begin{array}{rrrr} 0.10 & - & 0.10 \\ 180.60 & - & 1.10 \end{array} $.0034 1.0000					10 UNCH 1 UNCH
1765 1765			/*0.20A	/*0.20A		0.10 UNCH 0.20 - 0.10	.0001					2 UNCH 4 UNCH
1770 1770 1775			 /0.20A 176.50B/158.60A	 /0.20A 176.50B/158.60A		0.10 UNCH 0.20 - 0.10 170.60 - 1.10	.0001 .0064 1.0000					2 UNCH 6 UNCH 1 UNCH
1775 1775 1780				176.50B/136.60A		0.10 UNCH 0.10 UNCH	.0002					2 UNCH 16 UNCH
1780 1785			/*0.20A	/*0.20A		0.20 - 0.10 0.10 UNCH	.0067 .0005					1 UNCH 2 UNCH
1785 1785	0.30	0.30	/1.00A 0.30/0.30	/1.00A 0.30/0.30		0.90 NEW 0.20 - 0.20	.0247			1		1 + 1 22 UNCH
1790 1790 1795			/*0.30A	/*0.30A		0.10 UNCH 0.30 - 0.10 0.10 - 0.10	.0007 .0100 .0010			1		5 UNCH 3 UNCH 2 UNCH
1800 1800	1.70	1.70	1.70/1.30A	1.70/1.30A		0.10 - 0.10 0.10 - 0.10 1.30 NEW	.0015					67 UNCH 2 + 2
1800 1805			/0.40A	/0.40A 145.90B/129.70A		$ \begin{array}{r} 0.40 - 0.10 \\ 140.60 - 1.20 \end{array} $.0133 .9981					11 UNCH 2 UNCH
1805 1810				141.10B/124.70A		0.10 - 0.10 135.60 - 1.20 0.10 - 0.10	.0021			 		25 UNCH 4 UNCH 69 - 2
1810 1810 1815			 /0.50A 136.10B/119.80A	/0.50A 136.10B/119.80A		$ \begin{array}{r} 0.10 - 0.10 \\ 0.50 - 0.10 \\ 130.70 - 1.20 \end{array} $.0029 .0169 .9961			2 		69 - 2 5 UNCH 2 UNCH
TOT2	-		130.10D/113.0UA	_55.100/ 115.00M		1300 1.20	. J J U L	-	-	-		2 UNCH

METALS OPTIONS PRODUCTS

2023 DAILY INFORMATION B

20 South Wacker

Customer Serv FINAL

	Side 24
BULLETIN - http://www.cmegroup.com/dailybulletin	
CME Group, Inc.	
er Drive, Chicago, Illinois 60606-7499.	
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PG	64 BULLE	TIN # 18@			METALS OPTION	PRODUCTS				Fri,	Jan 27,	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
GMW FEB	MON 23	GOLD WEEKLY M	MONDAY OPTION WEEK1					CISES	VOLUME	VOLUME	VOLUME	INTEREST
181 181 181	.5 .5		/0.20A /*0.50A 2.30B/1.80A	/0.20A /*0.50A 2.30B/1.80A		0.10 - 0.20 0.50 - 0.20 1.90 NEW	.0040 .0175 .0498			 1		8 UNCH 5 UNCH 1 + 1
182 182	0		131.10B/114.80A /*0.60A	131.10B/114.80A /*0.60A		125.70 - 1.20 0.20 - 0.10 0.60 - 0.20	.9924 .0076 .0208					8 UNCH 7 UNCH 6 UNCH
182 182 182	5		126.60B/108.80A /0.30A	126.60B/108.80A /0.30A		120.70 - 1.30 0.20 - 0.20	.9921 .0079					14 UNCH 56 UNCH
182 182 183	5		3.00B/2.20A /*0.70A 121.10B/104.80A			2.40 - 0.30 0.70 - 0.20 115.80 - 1.20	.0619 .0242 .9918					3 UNCH 28 UNCH 25 UNCH
183 183 183	0		/*0.30A /*0.70A 116.30B/99.90A	/*0.30A /*0.70A 116.30B/99.90A		0.20 - 0.20 0.80 - 0.20 110.80 - 1.30	.0082 .0278 .9879			2 		264 UNCH 2 UNCH _8 UNCH
183 183 184	5		/*0.30A /*0.80A 111.30B/94.90A	/*0.30A /*0.80A 111.30B/94.90A		0.30 - 0.20 0.90 - 0.20 105.90 - 1.30	.0120 .0314 .9840					32 UNCH 2 UNCH 6 UNCH
184 184 184	0		/*0.40A /*1.00A 4.30B/3.10A	/*0.40A /*1.00A 4.30B/3.10A		0.40 - 0.20 1.00 - 0.30 3.50 NEW	.0158 .0352 .0867			1 2		10 UNCH 2 UNCH 2 + 2
184 184 184	5 5		106.40B/90.20A /*0.40A 4.90B/3.50A	106.40B/90.20A /*0.40A 4.90B/3.50A		101.00 - 1.30 0.40 - 0.30 3.90 - 0.40	.9834 .0165 .0957					22 UNCH 4 UNCH 2 UNCH
184 185 185	5 0	 0.40	1.60B/*1.10A 101.80B/84.30A 0.40/*0.40	1.60B/*1.10A 101.80B/84.30A 0.40/*0.40		1.20 - 0.30 96.00 - 1.40 0.50 - 0.30	.0418 .9792 .0206			 1		2 UNCH 12 UNCH 26 + 1
185 185 185	0		5.50B/3.90A 1.80B/*1.30A 96.50B/80.50A	5.50B/3.90A 1.80B/*1.30A 96.50B/80.50A		4.40 NEW 1.40 - 0.30 91.20 - 1.30	.1064 .0485 .9749			2 		2 + 2 30 UNCH 5 UNCH
185 185	5		/*0.60A 6.20B/4.40A 2.20B/1.50A	/*0.60A 6.20B/4.40A 2.20B/1.50A		0.60 - 0.30 4.90 - 0.50 1.60 - 0.30	.0249 .1172 .0554					53 UNCH 2 UNCH 3 UNCH
185 186 186	0	1.00 5.10	91.60B/74.70A 1.10B/*0.70A 6.90B/5.00A	91.60B/74.70A 1.10B/*0.70A 6.90B/5.00A		86.30 - 1.40 0.80 - 0.30 5.50 NEW	.9672 .0326 .1296			 1 3		8 UNCH 22 UNCH 3 + 3
186 186 186	5		2.60B/*1.70A 86.60B/70.00A	2.60B/*1.70A 86.60B/70.00A		1.90 - 0.40 81.50 - 1.40	.0650 .9624					4 UNCH 203 UNCH
186 186 186	5 5	1.20	1.30B/*0.80A 7.80B/5.50A 3.10B/2.00A	1.30B/*0.80A 7.80B/5.50A 3.10B/2.00A		0.90 - 0.40 6.20 - 0.50 2.20 - 0.40	.0373 .1435 .0747			1 1 		9 + 1 3 + 1 4 UNCH
187 187 187	0		81.90B/65.30A 1.60B/*1.00A 8.70B/6.20A	81.90B/65.30A 1.60B/*1.00A 8.70B/6.20A		76.70 - 1.40 1.10 - 0.40 6.90 NEW	.9542 .0455 .1575			 17		9 UNCH 10 UNCH 17 + 17 7 UNCH
187 187 187	5 2.10	2.10	77.40B/60.60A 2.10/*1.20A 9.70B/6.90A	77.40B/60.60A 2.10/*1.20A 9.70B/6.90A		71.90 - 1.50 1.40 - 0.40 7.70 - 0.60	.9427 .0570 .1728			5 1		27 + 3 5 + 1
187 188 188	0	 1.70	4.20B/2.60A 72.60B/56.20A 2.50B/*1.40A	4.20B/2.60A 72.60B/56.20A 2.50B/*1.40A		3.00 - 0.50 67.20 - 1.60 1.70 - 0.40	.0996 .9308 .0689			 14		5 UNCH 2 UNCH 264 + 14
188 188 188	0	8.30 	10.80B/7.70A 5.00B/3.10A 67.90B/51.80A	10.80B/7.70A 5.00B/3.10A 67.90B/51.80A		8.60 NEW 3.60 - 0.50 62.60 - 1.60	.1895 .1165 .9185			 		4 + 4 1 UNCH 5 UNCH
188 188 189	5		3.10B/*1.70A 5.80B/3.60A 63.20B/47.40A	3.10B/*1.70A 5.80B/3.60A 63.20B/47.40A		2.00 - 0.60 4.20 - 0.50 58.00 - 1.70	.0812 .1337 .9002					17 UNCH 2 UNCH 4 UNCH
189 189 189	0	 6.00	3.70B/2.10A 13.40B/9.50A 6.70B/4.20A	3.70B/2.10A 13.40B/9.50A 6.70B/4.20A		2.50 - 0.50 10.70 - 0.70 4.80 - 0.70	.0995 .2263 .1512			<u>-</u> 1		21 + 1 2 UNCH 15 UNCH
189 189 189	5		61.10B/46.20A 58.70B/43.20A 4.50B/2.50A	61.10B/46.20A 58.70B/43.20A 4.50B/2.50A		56.20 - 1.70 53.50 - 1.80 3.00 - 0.60	.8268 .8814 .1183					1 UNCH 5 UNCH 2 UNCH
189 189 190	5		14.80B/10.60A 7.80B/4.80A 57.00B/42.60A	14.80B/10.60A 7.80B/4.80A 57.00B/42.60A		11.90 - 0.80 5.60 - 0.70 52.10 - 1.80	.2463 .1727 .8020					1 UNCH 2 UNCH 10 UNCH
190 190 190	0		54.30B/39.20A 5.40B/3.00A 16.40B/11.80A	54.30B/39.20A 5.40B/3.00A 16.40B/11.80A		49.20 - 1.80 3.60 - 0.70 13.20 - 0.80	.8596 .1401 .2673			10 1		27 + 10 4 UNCH 5 UNCH
190 190 190	0 5 44.60	44.60 	9.00B/5.60A 49.90B/35.30A 6.60B/3.60A	9.00B/5.60A 49.90B/35.30A 6.60B/3.60A		6.60 - 0.70 44.90 - 1.90 4.40 - 0.70	.1975 .8326 .1671			1 		8 UNCH 3 + 1 2 UNCH
190 191 191	5 0 40.50	40.50 5.00	10.40B/6.50A 45.70B/31.60A 7.90B/4.30A	10.40B/6.50A 45.70B/31.60A 7.90B/4.30A		7.60 - 0.80 40.80 - 1.90 5.30 - 0.80	.2226 .8030 .1967			 1 1		11 UNCH 1 + 1 7 UNCH
191 191 191	.0		20.00B/14.40A 11.90B/7.50A 45.20B/32.30A	20.00B/14.40A 11.90B/7.50A 45.20B/32.30A		16.20 - 0.80 8.80 - 0.80 40.70 - 1.90	.3123 .2506 .7194			1 		2 UNCH 10 UNCH 2 UNCH
191 191 191	.5 .5 6.40	6.40	41.70B/28.20A 9.40B/5.20A 13.60B/8.60A	41.70B/28.20A 9.40B/5.20A 13.60B/8.60A		36.90 - 2.00 6.40 - 0.80 10.10 - 0.90	.7692 .2305 .2801			 5 		8 UNCH 9 + 4 4 UNCH
192 192 192	0	33.00 7.10	41.60B/29.30A 37.80B/24.80A 11.20B/6.20A	41.60B/29.30A 37.80B/24.80A 11.20B/6.20A		37.20 - 1.90 33.20 - 2.00 7.60 - 0.90	.6876 .7331 .2666			 2 7		4 UNCH 11 UNCH
192 192 192	0 0 11.40	11.40	24.10B/17.60A 15.60B/9.90A 34.10B/22.00A	24.10B/17.60A 15.60B/9.90A 34.10B/22.00A		19.70 NEW 11.60 - 0.90 29.70 - 1.90	.3605 .3119 .6924			2 2		35 UNCH 2 + 2 103 + 1 2 UNCH
192 192 192	5 43.50 5 10.70	43.50 10.70	46.10B/*35.20A 13.20B/7.40A 17.70B/11.30A	46.10B/*35.20A 13.20B/7.40A 17.70B/11.30A		42.20 NEW 9.10 - 0.90 13.30 - 0.90	.6138 .3073 .3456			8 22 		8 + 8 39 + 21
193 193 193	0 9.80	9.80 14.30	30.60B/19.00A 15.40B/8.80A 20.00B/13.00A	30.60B/19.00A 15.40B/8.80A 20.00B/13.00A		26.40 - 1.90 10.80 - 0.80 15.10 - 0.90	.6492 .3505 .3801			 6 4		1 UNCH 5 UNCH 20 + 2 17 UNCH
193 193 193	5 5 26.80	26.80 15.10	31.80B/21.10A 27.30B/16.50A 17.80B/10.40A	31.80B/21.10A 27.30B/16.50A 17.80B/10.40A		27.70 - 2.00 23.30 - 1.90 12.70 - 0.80	.5832 .6040 .3956			 2 1		2 UNCH 5 + 1 6 UNCH
193 194	0		31.30B/23.40A 28.80B/18.80A 24.30B/14.30A	31.30B/23.40A 28.80B/18.80A 24.30B/14.30A		25.90 - 0.70 25.00 - 1.90 20.40 - 1.90	.4366 .5467 .5574			1 1		5 + 1 8 UNCH 4 UNCH
194 194 194 194	0 13.90 0	13.90	20.60B/12.30A 34.00B/25.60A 25.20B/16.80A	20.60B/12.30A 34.00B/25.60A 25.20B/16.80A		14.80 - 0.80 28.30 NEW 19.40 - 0.90	.4422 .4626 .4528			1 1 		15 - 1 1 + 1 19 UNCH
194 194 194 194	5 22.30 5 17.40	22.30 17.40	26.10B/16.80A 21.50B/12.30A 34.90B/*25.60A	26.10B/16.80A 21.50B/12.30A 34.90B/*25.60A		22.40 - 1.90 17.80 - 1.90 31.40 NEW	.5097 .5098 .5106			1 2 6		10 UNCH 17 + 2 6 + 6
194 194 195	5 14.10 5	14.10 	23.60B/14.10 36.70B/27.90A 23.50B/14.80A	23.60B/14.10 36.70B/27.90A 23.50B/14.80A		17.20 - 0.80 30.80 - 0.50 20.00 - 1.90	.4898 .4886 .4727			1 1		7 UNCH 1 UNCH 1 - 1
195 195	0	19.30	18.90B/10.50A 32.30B/*23.50A 26.70B/16.80A	18.90B/10.50A 32.30B/*23.50A 26.70B/16.80A		15.40 - 1.80 29.00 NEW 19.80 - 0.70	.4622 .4846 .5374			1 6 28		16 UNCH 6 + 6 29 + 24
195 195 195	0 35.80 0	35.80	39.60B/30.30A 31.10B/21.40A	39.60B/30.30A 31.10B/21.40A		33.40 - 0.50 24.40 - 0.80	.5145 .5268			59 		62 + 59 225 UNCH
195 195 195	5	 34 40	21.10B/13.20A 16.50B/9.00A 30.10B/19.40A	21.10B/13.20A 16.50B/9.00A 30.10B/19.40A		17.90 - 1.80 13.30 - 1.70 22.70 - 0.60	.4365 .4156 .5840			 1		6 UNCH 6 UNCH 22 UNCH
195 196 196	0	34.40 	42.70B/33.00A 18.90B/11.70A 14.30B/7.50A	42.70B/33.00A 18.90B/11.70A 14.30B/7.50A		36.10 - 0.50 15.90 - 1.70 11.40 - 1.70	.5402 .4009 .3705			1 3		1 UNCH 5 UNCH 252 + 2 3 UNCH
196 196 196	0		27.70B/*19.90A 33.80B/22.20A #45.90B/35.70A	27.70B/*19.90A 33.80B/22.20A #45.90B/35.70A		24.70 - 1.50 25.80 - 0.50 39.00 - 0.50	.4336 .6291 .5655			1 27 		28 + 27 2 UNCH
196 196 196	5 5 11.70	 11.70	37.80B/26.80A 16.90B/10.20A 12.40B/6.40A	37.80B/26.80A 16.90B/10.20A 12.40B/6.40A		30.20 - 0.70 14.10 - 1.60 9.70 - 1.60	.5985 .3666 .3274			1 2		1 UNCH 2 + 1 5 + 2
196 197 197	0		41.60B/29.80A 15.00B/9.00A 10.60B/5.40A	41.60B/29.80A 15.00B/9.00A 10.60B/5.40A		33.40 - 0.60 12.40 - 1.60 8.20 - 1.50	.6329 .3332 .2867			 1		1 UNCH 2 UNCH 7 + 1
197 197 197	5 7.00 5	7.00	13.30B/*7.90A 9.00B/4.50A 21.70B/*15.20A	13.30B/*7.90A 9.00B/4.50A 21.70B/*15.20A		11.00 - 1.50 7.00 - 1.40 19.10 - 1.40	.3026 .2507 .3604			12 		3 UNCH 12 + 1 1 UNCH
198 198 198	0 5.50 5	5.50	11.80B/*7.00A 7.60B/3.80A 10.40B/*6.10A	11.80B/*7.00A 7.60B/3.80A 10.40B/*6.10A		9.70 - 1.40 5.90 - 1.30 8.50 - 1.30	.2734 .2169 .2456			2 1		5 UNCH 5 UNCH 15 + 1
198 198 199	5 5 0		6.40B/3.20A 18.40B/*12.80A 9.10B/*5.40A	6.40B/3.20A 18.40B/*12.80A 9.10B/*5.40A		5.00 - 1.10 16.10 - 1.20 7.50 - 1.20	.1874 .3158 .2208			1 		10 - 1 4 UNCH 78 UNCH
199 199	0		5.40B/*2.70A 16.80B/*11.60A	5.40B/*2.70A 16.80B/*11.60A		4.20 - 1.00 14.70 NEW	.1606 .2944			2		4 UNCH 2 + 2

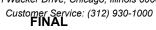
METALS OPTIONS PRODUCTS

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





				FINAL							
	IN # 18@			METALS OPTION F					Fri,	Jan 27,	2023 PG6
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	OPEI INTERES
MON 3	GOLD WEEKLY M	ONDAY OPTION WEEK2									
		8.00B/*4.70A 4.50B/*2.30A	8.00B/*4.70A 4.50B/*2.30A		6.50 - 1.10 3.60 - 0.80	.1963 .1387					20 UN 16 UN
2.10	 2.10	15.40B/*10.60A 7.00B/*4.10A 2.10/*2.00A	15.40B/*10.60A 7.00B/*4.10A 2.10/*2.00A		13.40 - 1.20 5.70 - 1.10 3.00 - 0.80	.2739 .1751 .1175			2 7		2 UN 20 UN 149 +
2.10		14.10B/*9.70A 6.10B/*3.60A	14.10B/*9.70A 6.10B/*3.60A		12.30 NEW 5.00 - 1.00	.2551			, 1		1 + 1 + 15 UN
9.80	9.80	/*1.70A 12.90B/*8.80A	/*1.70A 12.90B/*8.80A		2.60 - 0.60 11.20 - 1.00	.1018			1		2 UN 3 +
2.00	2.00	5.40B/*3.20A 2.00/*1.50A 11.80B/*8.10A	5.40B/*3.20A 2.00/*1.50A 11.80B/*8.10A		4.40 - 0.90 2.20 - 0.50 10.20 NEW	.1389 .0868 .2191			3 15		1 UI 79 + 15 +
		4.70B/*2.90A /*1.30A	4.70B/*2.90A /*1.30A		3.90 - 0.70 1.90 - 0.40	.1241 .0748					76 UN 7 UN
8.60 1.60	8.60 1.60	10.70B/*7.40A /*2.60A 1.60/*1.10A	10.70B/*7.40A /*2.60A 1.60/*1.10A		9.40 - 0.80 3.40 - 0.70 1.60 - 0.40	.2038 .1097 .0633			3 4		2 + 17 UI 8 +
8.00	8.00	9.80B/*6.70A /*2.30A	9.80B/*6.70A /*2.30A		8.50 NEW 3.00 - 0.60	.1877			1 		1 + 2 U
		/*1.00A 8.90B/*6.20A /*0.90A	/*1.00A 8.90B/*6.20A		1.30 - 0.40 7.80 NEW	.0522			1		8 U 1 +
		8.10B/*5.60A /*0.80A	/*0.90A 8.10B/*5.60A /*0.80A		1.10 - 0.30 7.10 - 0.70 0.90 - 0.30	.0442 .1605 .0364			10 1 		11 + 1 U 19 U
		7.40B/*5.20A /*0.70A	7.40B/*5.20A /*0.70A		6.50 - 0.70 0.80 - 0.30	.1484 .0319			1		2 + 6 U
		6.70B/*4.70A /*0.60A /*1.30A	6.70B/*4.70A /*0.60A /*1.30A		5.90 NEW 0.70 NEW 1.70 - 0.30	.1365 .0277 .0558			2 5 		2 + 5 + 10 U
		/*0.60A 5.60B/*4.00A	/*0.60A 5.60B/*4.00A		0.60 - 0.20 5.00 - 0.50	.0236			<u>1</u>		46 U
1.50	1.50 	1.50/*1.20A /*0.50A /*3.70A	1.50/*1.20A /*0.50A /*3.70A		1.50 - 0.30 0.50 - 0.20	.0494			16 		17 + 10 U 1 U
		/*1.10A /*0.50A	/*1.10A /*1.50A		4.60 - 0.50 1.30 - 0.30 0.50 - 0.10	.1083 .0432 .0190					1 u 38 u 3 u
		/*3.40A /*1.00A	/*3.40A /*1.00A		4.20 NEW 1.20 - 0.20	.0998			4 1		4 + 2 ι
		/*3.20A /*2.90A	/*3.20A /*2.90A		3.90 - 0.40 0.40 UNCH 3.50 - 0.40	.0928 .0148 .0844					5 ι 1 ι 1 ι
		/*0.90A /*0.30A	/*0.90A /*0.30A		1.00 - 0.20 0.30 - 0.10	.0326 .0113					1 L 37 L
		/*2.40A /*2.20A	/*2.40A /*2.20A		0.30 UNCH 2.80 - 0.30 2.60 - 0.30	.0109 .0678 .0630			1 2		3 U 42 + 1 U
0.60	0.60	0.60/*0.60 2.70B/*2.10A	0.60/*0.60 2.70B/*2.10A		0.70 - 0.10 2.40 NEW	.0223			1 1		4 + 1 +
2.10	 2.10	/*0.60A 2.50B/*1.90A 2.20B/*1.70A	/*0.60A 2.50B/*1.90A 2.20B/*1.70A		$\begin{array}{cccc} 0.60 & - & 0.10 \\ 2.20 & - & 0.20 \\ 1.90 & - & 0.20 \end{array}$.0193 .0538 .0465			1 40		2 U 2 + 41 +
					0.50 UNCH 0.40 - 0.10	.0155			1		2 L 5 L
		1.80B/*1.40A /*1.30A	1.80B/*1.40A /*1.30A		1.50 - 0.20 1.40 - 0.20	.0369					3 L 39 L
					0.40 UNCH 0.40 UNCH	.0119 .0117			 2		1 t 3 t 41 +
		#1.30B/*1.10A	#1.30B/*1.10A								
 0.40		#1.30B/*1.10A #0.40/*0.30A	#1.30B/*1.10A #0.40/*0.30A		1.10 - 0.10 0.30 UNCH	.0267			400 835		
			#0.40/*0.30A		1.10 - 0.10 0.30 UNCH	.0267			400		
0.40	0.40	#0.40/*0.30A	#0.40/*0.30A	SILVER OPTIONS ON	1.10 - 0.10 0.30 - UNCH	.0267			400		4292 + 7
0.40 L	OPEN OUTCRY OPEN RANGE	#0.40/*0.30A GLOBEX HIGH/LOW	#0.40/*0.30A OPEN OUTCRY HIGH/LOW		1.10 - 0.10 0.30 UNCH	.0267		OPEN	400 835		4292 + 7
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH	.0267 .0085	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME	PNT VOLUME	4292 + OPE
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	#0.40/*0.30A GLOBEX HIGH/LOW	#0.40/*0.30A OPEN OUTCRY HIGH/LOW	SILVER OPTIONS ON	1.10 - 0.10 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH	.0267 .0085	EXER	OPEN OUTCRY	400 835 GLOBEX®	PNT	4292+ OPE
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 ONCH 0.001 ONCH 0.001 ONCH	.0267 .0085	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	1 U 5 U 35 U 35 U 35 U
GLOBEX OPEN OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW 35	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398	.0267 .0085	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME	PNT VOLUME	1 L S S S L L S S L L L L L L L L L L L
GLOBEX OPEN ON ON 0.003	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.0068/	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.0068/	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398 0.001 - 0.003 1.123 - 0.400 0.000 - 0.003	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME	PNT VOLUME	1 L 35 L 3
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.008B/ 0.008B//0.668A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.008B/ 0.008B/ 0.008B/	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 0.001 - 0.001 1.373 - 0.400 0.001 - 0.003 1.123 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400	.0267 .0085 DELTA .0000 .0001 .0001 .0002 .9997 .0021 .9978 .0047 .0074 .9863	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1 U 35 U 35 U 35 U 42 U 43 U 44 U 44 U 45 U 45 U 46 U 46 U 46 U 46
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.008B/ 0.008B/0/0.668A 0.013B/*0.008 0.017B//0.597A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (55 0.003/*0.003 0.008B/ 0.008B/ 0.008B//0.668A 0.013B/*0.008 0.017B//0.597A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.732 - 0.398	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME	PNT VOLUME	1 U 35 U 35 U 35 U 35 U 36 U 4 U 4 U 4 U 4 U 4 U 4 U 4 U 4 U 4 U
GLOBEX OPEN DN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.008b/ 0.008b//0.668A 0.013b/*0.008 0.017b//0.597A 0.027b//0.555A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.0088/ 0.0088//0.668A 0.0138/*0.008 0.0178//0.597A 0.0278//0.555A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 UNCH SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398 0.001 - 0.003 1.123 - 0.400 0.002 - 0.003 0.123 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.0073 - 0.002 0.006 - 0.002 0.732 - 0.398 0.010 - 0.001 0.684 - 0.398	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1 U U U U U U U U U U U U U U U U U U U
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.008B/ 0.008B//0.668A 0.013B/*0.008 0.017B//0.555A 0.027B//0.555A 0.034B//0.447A 0.041B/	#0.40/*0.30A OPEN OUTCRY HIGH/LOW 35 0.003/*0.003 0.008B/ 0.008B//0.668A 0.017B//0.557A 0.027B//0.555A 0.034B//0.447A 0.041B/	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 UNCH FUTURES	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008	GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.008b//0.668A 0.013B/*0.008 0.017B//0.555A 0.027b//0.555A 0.034B//0.474A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.0088//0.668A 0.0138/*0.008 0.0178//0.555A 0.0278//0.555A 0.0348//0.447A 0.041B//0.474A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.006 - 0.002 0.732 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 UNCH 0.637 - 0.398 0.015 + 0.001 0.015 + 0.001 0.019 + 0.003 0.591 - 0.395	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1
GLOBEX OPEN DN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.0068//0.668A 0.0138/*0.008 0.0178//0.555A 0.0138//0.555A 0.0348//0.436A 0.0418/ 0.050B//0.436A 0.0608/ 0.0608/ 0.0858/0.022A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.008b//0.668A 0.013b/*0.008 0.017B//0.555A 0.027b//0.555A 0.034B//0.474A/0.447A 0.060b/	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.00 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398 0.001 - 0.003 1.123 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.005 - 0.002 0.732 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.397 0.015 + 0.001 0.015 + 0.001 0.019 + 0.003 0.591 - 0.395 0.545 - 0.393 0.024 + 0.005 0.036 + 0.011	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1 U 35 U 35 U 35 U 4 U 4 U 4 U 4 U 4 U 4 U 4 U 4 U 4 U
GLOBEX OPEN ON	O.40 OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.008	#0.40/*0.30A GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.008b//0.668A 0.013B/*0.008 0.017B//0.555A 0.027b//0.555A 0.034B//0.447A 0.041B/ 0.050b//0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.474A/0.455A 0.060b//0.474A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (55 0.003/*0.003 0.0088//0.668A 0.0138/*0.008 0.0178//0.595A 0.0278//0.555A 0.0348//0.447A 0.0418/ 0.0508//0.474A/0.436A 0.0608//0.436A 0.0608/ 0.0858/0.022A 0.606/0.259A 0.1018/0.025A	OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.877 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.006 - 0.002 0.372 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 UNCH 0.637 - 0.397 0.015 + 0.001 0.019 + 0.003 0.591 - 0.395 0.545 - 0.393 0.024 + 0.005 0.036 + 0.011 0.415 - 0.384	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1
GLOBEX OPEN ON	O.40 OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008	GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.008b//0.668A 0.013B/*0.008 0.017B//0.555A 0.027B//0.555A 0.034B//0.447A 0.041B/ 0.050B//0.447A 0.041B/ 0.050B//0.474A/0.436A 0.0606/ 0.085B/0.022A 0.0606/0.259A 0.101B/0.025A 0.120B/0.025A 0.120B/0.025A 0.120B/0.025A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.008b/ 0.008b//0.668A 0.013b/*0.008 0.017b//0.555A 0.027b//0.555A 0.034b//0.447A 0.041b/ 0.050b//0.447A 0.041b/ 0.050b//0.474A/0.436A 0.0606/0.259A 0.101B/0.025A 0.120b/0.025A 0.120b/0.025A 0.120b/0.025A 0.120b/0.025A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.003 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.884 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.687 - 0.395 0.010 - 0.001 0.684 - 0.398 0.012 UNCH 0.637 - 0.395 0.545 - 0.393 0.024 + 0.005 0.591 - 0.395 0.545 - 0.393 0.024 + 0.005 0.036 + 0.011 0.415 - 0.384 0.043 + 0.014 0.053 + 0.020	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1 U U U U U U U U U U U U U U U U U U U
GLOBEX OPEN DN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.024 0.606 0.075 0.084	GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.006B/ 0.006B//0.668A 0.013B/*0.008 0.017B//0.555A 0.0138//0.555A 0.0348//0.436A 0.050B//0.436A 0.060B/ 0.050B//0.436A 0.060B/ 0.050B//0.436A 0.060B/ 0.050B//0.436A 0.060B/ 0.050B//0.436A 0.060B//0.436A 0.060B//0.436A 0.060B//0.436A 0.060B//0.436A 0.021B/0.025A 0.101B/0.025A 0.101B/0.025A 0.120B/0.036A 0.221B/0.046A/*0.131A 0.248B/0.051A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.0068/ 0.0088//0.668A 0.0138/*0.008 0.0178//0.555A 0.0138/*0.008 0.0178//0.436A 0.0488//0.436A 0.0608/ 0.0508/ 0.0508/ 0.0508/ 0.0508/ 0.0606/0.259A 0.1018/0.025A 0.1018/0.025A 0.1018/0.025A 0.1018/0.025A 0.1018/0.036A 0.2218/0.046A/*0.131A 0.2488/0.051A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 1.373 - 0.398 0.001 - 0.003 1.123 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.002 - 0.003 0.003 - 0.002 0.732 - 0.398 0.010 - 0.002 0.732 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 UNCH 0.637 - 0.397 0.015 + 0.001 0.684 - 0.398 0.012 UNCH 0.637 - 0.397 0.015 - 0.397 0.015 - 0.393 0.024 + 0.005 0.036 + 0.010 0.036 + 0.011 0.415 - 0.384 0.043 + 0.014 0.053 + 0.010 0.077 + 0.032 0.077 + 0.032 0.077 + 0.032 0.077 + 0.032 0.109 + 0.053 0.231 - 0.348	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1 U 35 U 35 U 35 U 35 U 36 U 37
GLOBEX OPEN ON OPEN ON OPEN OPEN OPEN OPEN OPE	O.40 OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.004 0.606 0.075 0.084 0.138 0.144	GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.0038//0.668A 0.0138/*0.008 0.0178//0.597A 0.0278//0.555A 0.0348//0.474A/0.436A 0.0606//0.474A/0.436A 0.0608//0.474A/0.436A 0.0608//0.474A/0.436A 0.0608//0.474A/0.436A 0.108/ 0.0858/0.022A 0.108/0.025A 0.108/0.025A 0.1208/0.025A 0.1208/0.025A 0.1208/0.025A 0.1208/0.036A 0.2218/0.046A/*0.131A 0.2488/0.051A 0.212/*0.097A 0.2288/0.059A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (55 0.003/*0.003 0.008b/ 0.008b//0.668A 0.013b/*0.008 0.017B//0.555A 0.027b//0.555A 0.034B//0.474A/0.447A 0.041B/ 0.050b//0.474A/0.436A 0.0606/ 0.085b/0.022A 0.606/0.259A 0.101B/0.025A 0.120b/0.025A 0.120b/0.051A 0.212/*0.097A 0.280b/0.059A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.877 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.532 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 UNCH 0.637 - 0.397 0.015 + 0.010 0.019 + 0.003 0.591 - 0.395 0.545 - 0.393 0.024 + 0.005 0.036 + 0.011 0.415 - 0.384 0.043 + 0.014 0.053 + 0.020 0.077 + 0.032 0.077 + 0.032 0.077 + 0.032 0.077 + 0.032 0.077 + 0.034 0.129 + 0.056 0.231 - 0.348 0.129 + 0.061 0.174 0.152	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1 U U U U U U U U U U U U U U U U U U U
GLOBEX OPEN ON OPEN OPEN OPEN OPEN OPEN OPEN O	0.40 OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.004 0.606 0.075 0.084 0.138	GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.0068/ 0.0088//0.668A 0.0138/*0.008 0.0178//0.555A 0.0348//0.436A 0.0418//0.436A 0.0608/ 0.0508//0.436A 0.0608/ 0.0858/0.022A 0.606/0.259A 0.1018/0.025A 0.1048/0.050A 0.120B/0.028A 0.1648/0.051A 0.212/*0.097A 0.212/*0.097A 0.212/*0.097A 0.212/*0.097A 0.212/*0.097A 0.212/*0.097A 0.212/*0.097A 0.212/*0.097A 0.3148/0.059A 0.3148/0.059A 0.3148/0.067A 0.350B/0.078A 0.4058/0.078A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.0088/ 0.0088/ 0.013B/*0.008 0.017B//0.555A 0.034B//0.456A 0.018b//0.474A 0.41B/ 0.050B//0.474A 0.41B/ 0.050B//0.436A 0.060B/ 0.0858/0.022A 0.606/0.259A 0.101B/0.025A 0.101B/0.025A 0.104B/0.036A 0.212/*0.031A 0.212/*0.097A 0.280B/0.051A 0.212/*0.097A 0.314B/0.067A 0.314B/0.067A 0.314B/0.067A 0.314B/0.067A 0.350B/0.078A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME 2 1 1 2 1	PNT VOLUME	1
GLOBEX OPEN ON OPEN ON OPEN ON OPEN OPEN OPEN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.024 0.606 0.075 0.084 0.138 0.144 0.178 0.101 0.189	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW CS	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835	PNT VOLUME	1
GLOBEX OPEN ON 0.40 GLOBEX OPEN ON 0.003 0.003 0.008	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.004 0.606 0.075 0.084 0.178 0.101 0.189 0.182 0.138	GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003/0.668A 0.0138/*0.008 0.0178//0.597A 0.027B//0.597A 0.027B//0.555A 0.034B//0.474A/0.436A 0.0608//0.474A/0.436A 0.0608//0.474A/0.436A 0.108/0.022A 0.108/0.025A 0.1018/0.025A 0.108/0.025A 0.120B/0.025A 0.120B/0.025A 0.120B/0.050A 0.212/*0.097A 0.212/*0.097A 0.212/*0.097A 0.280B/0.059A 0.314B/0.051A 0.212/*0.097A 0.280B/0.059A 0.314B/0.051A 0.212/*0.097A 0.280B/0.059A 0.314B/0.051A 0.212/*0.097A 0.280B/0.059A 0.3168/0.052A 0.350B/0.078A 0.405B/0.088A 0.126/*0.061A 0.189/*0.052A 0.379B/0.102A 0.379B/0.102A 0.138/*0.052A 0.138/*0.052A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW 35 0.003/*0.003 0.008b//0.668A 0.013b/*0.008 0.0178//0.555A 0.027b//0.555A 0.034b//0.555A 0.034b//0.447A 0.041b/ 0.050b//0.447A 0.041b/ 0.050b//0.447A 0.041b/ 0.050b//0.436A 0.060b/ 0.085b/0.022A 0.606/0.259A 0.101b/0.025A 0.120b/0.025A 0.120b/0.059A 0.314b/0.067A 0.250b/0.059A 0.314b/0.067A 0.350b/0.078A 0.405b/0.088A 0.126/*0.061A 0.189/*0.052A 0.379b/0.102A 0.379b/0.102A 0.379b/0.102A 0.138/*0.037A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.877 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.532 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 - 0.397 0.015 + 0.011 0.415 - 0.384 0.015 - 0.395 0.545 - 0.393 0.024 + 0.005 0.036 + 0.011 0.415 - 0.384 0.043 + 0.014 0.053 + 0.020 0.077 + 0.032 0.077 + 0.032 0.077 + 0.032 0.109 + 0.050 0.231 - 0.348 0.129 + 0.061 0.174 NEW 0.152 0.177 + 0.087 0.205 + 0.101 0.235 0.107 NEW 0.268 NEW 0.268 NEW	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME 2 1 1 2 1	PNT VOLUME	1
GLOBEX OPEN ON 0.40 0.40 0.40 0.003 0.003 0.008 0.004 0.606 0.075 0.084 0.138 0.144 0.178 0.101 0.189 0.182 0.188 0.193 0.189 0.189 0.189 0.189 0.189 0.189 0.193	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.024 0.606 0.024 0.606 0.138 0.144 0.138 0.144 0.178 0.101 0.189 0.182 0.138 0.295 0.039	GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.0030.0688/0.0668A 0.0138/*0.008 0.0178//0.555A 0.0138/*0.008 0.0178//0.555A 0.0348//0.436A 0.0608/0.436A 0.0608/ 0.0858/0.436A 0.0608/ 0.0858//0.436A 0.0608/ 0.0858//0.436A 0.0608/ 0.0858//0.436A 0.0608/ 0.0858//0.436A 0.1018/0.025A 0.1018/0.025A 0.1018/0.025A 0.1208/0.028A 0.1648/0.051A 0.212/*0.097A 0.2280B/0.059A 0.212/*0.097A 0.350B/0.078A 0.212/*0.097A 0.350B/0.078A 0.212/*0.097A 0.350B/0.059A 0.3148/0.067A 0.350B/0.078A 0.212/*0.052A 0.379B/0.102A 0.138/*0.052A 0.138/*0.052A 0.138/*0.037A 0.188/*0.052A 0.138/*0.037A 0.188/*0.037A 0.188/*0.052A 0.138/*0.037A 0.188/*0.037A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.0088/ 0.0088/ 0.038/*0.008 0.0178//0.668A 0.0138/*0.008 0.0178//0.555A 0.0188//0.456A 0.0138/*0.008 0.0178//0.474A 0.0418//0.436A 0.0608/ 0.0508//0.436A 0.0608/ 0.0508//0.436A 0.0608/ 0.0858/0.022A 0.606/0.259A 0.1018/0.025A 0.1048/0.036A 0.2218/0.046A/*0.131A 0.212/*0.097A 0.2808/0.051A 0.212/*0.097A 0.3508/0.051A 0.212/*0.097A 0.3508/0.058A 0.126/*0.061A 0.218/0.067A 0.3508/0.088A 0.126/*0.061A 0.188/*0.052A 0.3798/0.102A 0.138/*0.052A 0.3798/0.102A 0.138/*0.037A 0.4688/0.295/*0.031A 0.039/*0.028A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME 2 1 1 1 2 1 1 4 2 4 4 4 8 1 3	PNT VOLUME	1
GLOBEX OPEN ON 0.40 0.40 0.40 0.00 0.003 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.008 0.01 0.01 0.01 0.01 0.01 0.01 0.01	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.024 0.606 0.024 0.606 0.138 0.144 0.178 0.101 0.189 0.182 0.189 0.182 0.189	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW CS	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.373 - 0.400 0.002 - 0.003 0.003 - 0.400 0.005 - 0.002 0.877 - 0.400 0.005 - 0.002 0.373 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 - 0.003 0.010 - 0.001 0.684 - 0.398 0.012 - 0.003 0.015 + 0.002 0.374 - 0.395 0.015 + 0.010 0.015 + 0.011 0.15 + 0.034 0.015 + 0.011 0.15 - 0.384 0.043 + 0.014 0.053 + 0.020 0.777 + 0.032 0.077 + 0.032 0.077 + 0.032 0.177 + 0.032 0.177 + 0.032 0.177 + 0.087 0.205 + 0.011 0.152 NEW 0.152 NEW 0.152 NEW 0.153 - 0.211 0.152 NEW 0.153 - 0.211 0.215 NEW 0.152 NEW 0.153 - 0.211 0.215 NEW 0.153 - 0.011 0.235 NEW 0.107 NEW	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME	PNT VOLUME	1
GLOBEX OPEN ON 0.40 0.40 0.40 0.003 0.003 0.008 0.008 0.004 0.606 0.075 0.084 0.138 0.144 0.138 0.144 0.178 0.101 0.189 0.182 0.138 0.295 0.039	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5) 0.003/*0.003 0.0088/ 0.0088/ 0.003/*0.008 0.0178//0.668A 0.0138/*0.008 0.0178//0.555A 0.0348//0.555A 0.0348//0.474A 0.0418/ 0.0508//0.474A 0.0418/ 0.0508//0.436A 0.0608/ 0.0858/0.022A 0.1018/0.025A 0.1018/0.025A 0.1018/0.025A 0.1218/0.051A 0.2218/0.061A 0.212/*0.097A 0.2280B/0.051A 0.212/*0.097A 0.280B/0.051A 0.212/*0.097A 0.280B/0.059A 0.1018/0.059A 0.126/*0.051A 0.218/9.0051A 0.350B/0.0051A 0.218/9.0051A 0.350B/0.0051A 0.218/9.0051A 0.350B/0.0051A 0.218/9.0051A 0.350B/0.0051A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001	.0267 .0085 DELTA .0000 .0001 .0002 .9978 .0021 .9978 .0024 .99620 .9978 .0034 .9620 .99512 .0807 .0319 .0487 .0529 .9370 .9512 .0829 .9370 .1244 .8492 .1507 .1244 .8492 .1507 .1244 .1507 .1245 .1507 .1246 .1507 .1588 .158	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME 2 1 1 2 1 1 2 1 1 1 2 2 1 1 1 4 2 2 4 4 8 8 1 1 3 3 3 1 4 4 2 4 4 8 8 1 3 3 3 1 4 5 2 4 8 8 1 3 3 3 3 3 3 1 4 5 2 4 8 8 1 3 3 3 3 3 3 1 4 5 2 1 5 2 1 1 7 2 2 1 8 3 3 3 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	PNT VOLUME	1
GLOBEX OPEN ON 0.40 0.40 0.003 0.003 0.008 0.008 0.008 0.008 0.018 0.101 0.182 0.138 0.144 0.178 0.101 0.189 0.182 0.138 0.195 0.039 0.039 0.039 0.039 0.039 0.039 0.039	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.024 0.606 0.075 0.084 0.138 0.144 0.138 0.144 0.138 0.144 0.138 0.144 0.138 0.138 0.195 0.039 0.039	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A #0.40/*0.30A OPEN OUTCRY HIGH/LOW **S	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME 2 1 1 1 2 1 1 4 2 4 4 8 1 1 1 4 2 4 8 1	PNT VOLUME	1
GLOBEX OPEN ON GLOBEX OPEN ON ON ON ON ON ON ON ON ON O	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.024 0.606 0.075 0.084 0.138 0.144 0.178 0.101 0.189 0.182 0.138 0.295 0.039 0.073	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW 35 0.003/*0.003 0.0088//0.668A 0.0138/*0.008 0.0178//0.555A 0.0348//0.555A 0.0348//0.447A 0.0418//0.447A 0.0418//0.447A 0.0418/ 0.050B//0.447A 0.0418/ 0.050B//0.474A/0.436A 0.108/58/0.022A 0.606/0.259A 0.1018/0.025A 0.120B/0.025A 0.131A 0.2428/0.051A 0.212/*0.097A 0.350B/0.078A 0.405B/0.051A 0.212/*0.097A 0.350B/0.078A 0.405B/0.037A 0.468B/0.037A 0.468B/0.295/*0.031A 0.039/*0.028A 0.126/*0.061A 0.189/*0.022A 0.138/*0.022A 0.138/*0.022A 0.138/*0.022A 0.138/*0.022A 0.138/*0.022A 0.138/*0.022A 0.138/*0.022A 0.138/*0.022A 0.138/*0.022A 0.138/*0.020A 0.1688/*0.023A 0.668B/*0.334A 0.668B/*0.334A 0.149B/*0.016A 0.600B/ 0.009/*0.006A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.377 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.005 - 0.002 0.372 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 - 0.003 0.053 - 0.397 0.015 + 0.001 0.684 - 0.398 0.012 - 0.395 0.016 - 0.395 0.017 - 0.395 0.015 + 0.010 0.019 + 0.003 0.591 - 0.395 0.545 - 0.393 0.024 + 0.005 0.036 + 0.011 0.415 - 0.384 0.043 + 0.014 0.053 + 0.020 0.077 + 0.032 0.077 + 0.032 0.109 + 0.050 0.231 - 0.348 0.043 + 0.014 0.053 + 0.010 0.235 - 0.211 0.174 NEW 0.152 NEW 0.107 NEW 0.109 NEW 0.268 NEW 0.231 - 0.348 0.107 NEW 0.109 NEW 0.268 NEW 0.268 NEW 0.275 NE	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME 20 11 21 12 11 14 22 14 24 48 81 11 33 3 14 21 14 21 15 21 16 21 17 21 18 21 19 21 10 10 11	PNT VOLUME	1
GLOBEX OPEN ON GLOBEX OPEN ON 0.003 0.003 0.004 0.606 0.075 0.084 0.075 0.084 0.138 0.144 0.178 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.189 0.190 0.190 0.190 0.190 0.190 0.190 0.190	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.024 0.606 0.075 0.084 0.178 0.101 0.189 0.182 0.138 0.144 0.178 0.101 0.189 0.182 0.138 0.295 0.039 0.073	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5)	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.10 0.30 - 0.10 0.001 0.001	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME	PNT VOLUME	1
GLOBEX OPEN ON 0.40 0.40 0.00 0.003 0.008 0.008 0.008 0.0075 0.084 0.075 0.084 0.178 0.101 0.189 0.182 0.138 0.144 0.178 0.101 0.189 0.182 0.138 0.295 0.039 0.039 0.073 0.009 0.009	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.024 0.606 0.075 0.084 0.138 0.144 0.178 0.101 0.189 0.182 0.138 0.144 0.178 0.101 0.189 0.182 0.138 0.195 0.009 0.009	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A OPEN OUTCRY HIGH/LOW (5)	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 1.373 - 0.398 0.001 - 0.003 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.005 - 0.002 0.372 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 UNCH 0.015 + 0.002 0.732 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 UNCH 0.637 - 0.397 0.015 + 0.010 0.015 + 0.010 0.015 + 0.011 0.15 + 0.011 0.15 + 0.011 0.115 - 0.384 0.024 + 0.005 0.036 + 0.011 0.415 - 0.384 0.043 + 0.014 0.152 NEW 0.177 + 0.087 0.205 + 0.010 0.231 - 0.348 0.024 + 0.050 0.231 - 0.348 0.024 + 0.050 0.231 - 0.388 0.003 - 0.039 0.244 - 0.050 0.231 - 0.384 0.025 - 0.101 0.235 NEW 0.177 + 0.087 0.205 + 0.101 0.235 NEW 0.177 + 0.087 0.205 - 0.101 0.235 NEW 0.118 0.129 + 0.267 0.646 + 0.280 0.031 - 0.132 0.599 + 0.267 0.646 + 0.280 0.018 - 0.118 0.788 + 0.313 0.008 - 0.067 0.885 + 0.330 0.005 - 0.054 1.131 + 0.360 0.003 - 0.059	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME 2 1 1 1 2 1 1 4 2 4 4 8 1 1 1 4 2 4 8 1	PNT VOLUME	1
GLOBEX OPEN ON GLOBEX OPEN ON ON ON ON ON ON ON ON ON O	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008	GLOBEX HIGH/LOW MONDAY OPTION WEEK 0.003/*0.003 0.0068/ 0.008B//0.668A 0.013B/*0.008 0.0178//0.555A 0.034B//0.555A 0.034B//0.447A 0.041B/ 0.050B//0.447A 0.041B/ 0.050B//0.436A 0.060B//0.436A 0.060B/ 0.085B/0.022A 0.101B/0.025A 0.101B/0.025A 0.101B/0.025A 0.102B/0.028A 0.104B/0.036A 0.221E/0.046A 0.221E/0.046A 0.221E/0.046A 0.212E/0.046A 0.212E/0.046A 0.212E/0.046A 0.215B/*0.051A 0.218B/*0.051A 0.218B/*0.051A 0.218B/*0.051A 0.218B/*0.051A 0.218B/*0.051A 0.215B/*0.051A 0.215B/*0.051A 0.215B/*0.051A 0.215B/*0.051A 0.215B/*0.051A 0.215B/*0.051A 0.215B/*0.033A 0.126/*0.061A 0.189/*0.052A 0.3798/0.102A 0.3798/0.102A 0.3798/0.052A 0.138/*0.037A 0.468B/0.037A 0.468B/0.037A 0.468B/0.033A 0.149B/*0.016A 0.600B/ 0.026/*0.009A 1.035B/ 0.009/*0.006A 0.937B/ 0.009/*0.006A 0.937B/ 0.009/*0.006A	#0.40/*0.30A OPEN OUTCRY HIGH/LOW SS 0.003/*0.003 0.0088/ 0.0088//0.668A 0.0138/*0.008 0.0178//0.555A 0.0348//0.555A 0.0348//0.447A 0.0418/ 0.0508//0.447A 0.0418/ 0.0508//0.436A 0.0608//0.436A 0.0608/ 0.0858/0.022A 0.1018/0.025A 0.1008/0.025A 0.1008/0.025A 0.1208/0.028A 0.1218/0.046A 0.2218/0.046A 0.2218/0.046A 0.2218/0.046A 0.218/0.051A 0.126/0.051A 0.039/0.006A 0.378/ 0.009/0.006A 0.0378/ 0.006/0.009A 1.0358/ 0.006/0.009A 1.0358/ 0.006/0.009A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - UNCH 0.30 - UNCH FUTURES SETT.PRICE & PT.CHGE. 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 UNCH 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.877 - 0.400 0.002 - 0.003 0.003 - 0.002 0.877 - 0.400 0.005 - 0.002 0.372 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 UNCH 0.637 - 0.397 0.015 + 0.010 0.637 - 0.397 0.015 + 0.011 0.637 - 0.395 0.545 - 0.393 0.024 + 0.005 0.036 + 0.011 0.415 - 0.384 0.043 + 0.014 0.053 + 0.020 0.077 + 0.032 0.077 + 0.032 0.077 + 0.032 0.109 + 0.050 0.231 - 0.348 0.043 + 0.014 0.053 + 0.020 0.077 + 0.032 0.109 + 0.050 0.231 - 0.348 0.129 + 0.061 0.174 NEW 0.152 0.177 + 0.087 0.205 + 0.101 0.235 NEW 0.235 NEW 0.236 NEW 0.236 NEW 0.237 NEW 0.205 + 0.101 0.235 NEW 0.205 - 0.146 0.021 - 0.132 0.099 + 0.267 0.646 + 0.280 0.033 - 0.162 0.025 - 0.146 0.021 - 0.132 0.599 + 0.267 0.646 + 0.280 0.018 - 0.118 0.788 + 0.313 0.002 - 0.054 1.131 + 0.360 0.005 - 0.054 1.131 + 0.360 0.005 - 0.054 1.131 + 0.360 0.000 - 0.054 1.131 + 0.360 0.000 - 0.054 1.131 + 0.360 0.000 - 0.054 1.131 + 0.360 0.000 - 0.054 1.131 + 0.360 0.000 - 0.054 1.131 + 0.360 0.000 - 0.000 - 0.000	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME	PNT VOLUME	1
GLOBEX OPEN ON GLOBEX OPEN ON ON ON ON ON ON ON ON ON O	OPEN OUTCRY OPEN RANGE SILVER WEEKLY 0.003 0.008 0.008 0.024 0.606 0.075 0.084 0.178 0.101 0.189 0.144 0.178 0.101 0.189 0.182 0.138 0.295 0.0039 0.073 0.073 0.073 0.073 0.009 0.009	GLOBEX HIGH/LOW MONDAY OPTION WEEK	#0.40/*0.30A #0.40/*0.30A OPEN OUTCRY HIGH/LOW 35 0.003/*0.003 0.008B//0.668A 0.013B/*0.008 0.0178//0.555A 0.034B//0.555A 0.034B//0.447A 0.041B/ 0.055B//0.447A 0.041B/ 0.055B//0.447A 0.041B/ 0.055B/0.02A 0.101B/0.025A 0.102B/0.025A 0.102B/0.025A 0.120B/0.025A 0.120B/0.025A 0.120B/0.036A 0.221B/0.046A 0.221B/0.046A 0.221B/0.046A 0.212B/0.050A 0.138/*0.051A 0.126/*0.061A 0.189/*0.051A 0.215B/*0.051A 0.37B/ 0.016BB/*0.033A 0.166BB/*0.033A 0.166BB/*0.017A 0.560B/ 0.026/*0.009A 1.035B/ 0.026/*0.009A 1.035B/ 0.026/*0.006A 0.037B/ 0.006A 0.009/*0.006A/*0.006A/*0.006A/*0.006A/*0.006A/*0.006A	SILVER OPTIONS ON OPEN OUTCRY CLOSE RANGE	1.10 - 0.10 0.30 - 0.10 0.30 - 0.100 0.30 - 0.100 0.30 - 0.100 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 0.001 - 0.001 1.373 - 0.398 0.001 - 0.002 0.003 - 0.002 0.005 - 0.002 0.006 - 0.002 0.005 - 0.002 0.006 - 0.002 0.007 - 0.003 0.001 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.010 - 0.001 0.684 - 0.398 0.012 - 0.002 0.053 - 0.397 0.015 + 0.001 0.053 - 0.397 0.015 + 0.001 0.019 + 0.003 0.591 - 0.395 0.545 - 0.393 0.024 + 0.005 0.036 + 0.011 0.415 - 0.384 0.043 + 0.014 0.053 + 0.020 0.077 + 0.032 0.107 + 0.032 0.107 + 0.032 0.107 + 0.032 0.107 + 0.032 0.107 + 0.032 0.107 + 0.032 0.107 + 0.032 0.107 + 0.032 0.107 + 0.032 0.174 + 0.050 0.231 - 0.348 0.129 + 0.061 0.174 NEW 0.152 NEW 0.107 NEW 0.205 + 0.101 0.235 NEW 0.107 NEW 0.205 + 0.101 0.235 NEW 0.107 NEW 0.205 - 0.146 0.021 - 0.132 0.599 + 0.267 0.646 + 0.280 0.018 - 0.118 0.788 + 0.313 0.008 - 0.067 0.885 + 0.330 0.005 - 0.054 1.131 + 0.360 0.003 - 0.039 0.002 - 0.031	.0267 .0085 DELTA	EXER CISES	OPEN OUTCRY VOLUME	400 835 GLOBEX® VOLUME	PNT VOLUME	10 U U U 11 + U U 11

METALS OPTIONS PRODUCTS

Side 26







CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000
FINAL

					FINAL								
PG64	BULLET	IN # 18@		M	METALS OPTION P	RODUCTS			OPEN	Fri,	Jan 27,	2023	
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTER	OPEN REST
SMW M	ION	SILVER WEEKLY	MONDAY OPTION WEEKS	j									
JAN23 2750						0.001 UNC						1	UNCH
2850 2875						0.001 UNC 0.001 UNC 0.001 UNC	CH					11 1 2	UNCH UNCH UNCH
2900 TOTAL						0.001 UNC	л			46	0	449 +	29
FEB23 2050						0.003 + 0.00	01 .0047					2	UNCH
2100 2100						2.641 - 0.39 0.007 + 0.00	2 .0114					1 1	UNCH UNCH
2125 2150			/2.187A 	/2.187A		2.399 - 0.39 2.136 - 0.39	3 .9731					1	UNCH UNCH
2200 2200			/1.508A /1.452A 0.047B/	/1.508A /1.452A 0.047B/		1.702 - 0.37 1.657 - 0.38 0.037 + 0.01	.9383					1 2 1	UNCH UNCH UNCH
2200 2250 2250			0.115B/0.050A /1.022A	0.115B/0.050A /1.022A		0.037 + 0.03 0.084 + 0.03 1.205 - 0.36	.1335					25 1	UNCH
2255 2260			0.215B/0.115A 0.136B/0.058A	0.215B/0.115A 0.136B/0.058A		0.170 + 0.04 0.099 + 0.03	9 .2022					5 1	UNCH
2265 2270			0.242B/0.129A 0.159B/0.068A	0.242B/0.129A 0.159B/0.068A		0.193 + 0.05 0.117 + 0.04	66 .2241 3 .1786					5 5	UNCH UNCH
2275 2275			0.172B/0.073A 0.273B/0.145A	0.172B/0.073A 0.273B/0.145A		0.126 + 0.04 0.218 + 0.06	3 .2472					15 3	UNCH
2275			/0.930A /0.831A	/0.930A /0.831A		1.088 - 0.33 0.997 - 0.35 0.807 - 0.33	1 .8091					2 3 2	UNCH
2300 2300 2310			/0.660A 0.249B/0.107A 0.403B/0.216A	/0.660A 0.249B/0.107A 0.403B/0.216A		0.807 - 0.33 0.186 + 0.06 0.326 + 0.09	7 .2638					14 8	UNCH UNCH UNCH
2315 2320			0.424B/0.229A 0.330B/0.143A	0.424B/0.229A 0.330B/0.143A		0.344 + 0.09 0.249 + 0.08	6 .3511					5 1	UNCH
2325 2325			/0.631A 0.470B/0.255A	/0.631A 0.470B/0.255A		0.754 - 0.29 0.382 + 0.10	2 .6205					$\overline{\overset{1}{1}}$	UNCH
2340 2340			0.543B/0.300A 0.426B/0.192A	0.543B/0.300A 0.426B/0.192A		$ \begin{array}{r} 0.446 + 0.12 \\ 0.326 + 0.11 \end{array} $	0 .4229 1 .4056					1 1	UNCH UNCH
2345 2350			/0.533A /0.510A	/0.533A /0.510A		0.641 - 0.27 0.614 - 0.26	6 .5474					3 4	UNCH UNCH
2350 2350	0.400	0.400	0.597B/0.333A 0.480B/0.219A	0.597B/0.333A 0.480B/0.219A		0.493 + 0.13 0.371 + 0.12	4 .4440			2 		1 3	UNCH UNCH
2360 2360	0.465	0.465 	0.718B/0.347A 0.537B/0.251A /0.467A	0.718B/0.347A 0.537B/0.251A /0.467A		0.441 NE 0.419 + 0.13 0.564 - 0.25	.4827			1 		1 + 6 8	UNCH
2360 2375 2380	0.460	0.460	0.744B/0.429A 0.590B/0.271A	0.744B/0.429A 0.590B/0.271A		0.622 + 0.15 0.350 - 0.23	9 .5262			24		1 16 +	UNCH 16
2380 2390			0.772B/0.449A 0.727B/0.400A	0.772B/0.449A 0.727B/0.400A		0.650 + 0.16 0.588 + 0.18	55 .5407					1 2	UNCH
2400 2400	0.315	0.315	0.803B/ 0.315/0.209A	0.803B/ 0.315/0.209A		0.652 + 0.19 0.274 - 0.20	7 .6329			<u>1</u>		6 7	UNCH
2400 2405			/0.321A /0.195A	/0.321A /0.195A		0.393 - 0.20 0.257 - 0.19	08 .4022 04 .3494					1 4	UNCH UNCH
2410 2415			0.806B/0.499A /0.277A	0.806B/0.499A /0.277A		0.719 + 0.21 0.341 - 0.19	1 .3617					3 9	UNCH UNCH
2415 2420	0.654	0.654	0.434B/0.170A 0.888B/0.542A	0.434B/0.170A 0.888B/0.542A		0.226 - 0.17 0.789 + 0.22	6 .7001			14		7 14 -	UNCH 4
2420 2425			0.804B/ 1.134B/	0.804B/ 1.134B/		0.901 + 0.21 $1.012 + 0.19$	3 .5722					1 1	UNCH
2430 2435			0.367B/*0.138A 0.345B/*0.129A 1.015B/0.629A	0.367B/*0.138A 0.345B/*0.129A 1.015B/0.629A		0.186 - 0.15 0.174 - 0.15 0.901 + 0.24	0 .2548					6 100 1	UNCH UNCH UNCH
2435 2440 2440			/*0.454A 0.327B/*0.120A	/*0.454A 0.327B/*0.120A		0.530 - 0.19 0.162 - 0.14	3 .3981					3 9	UNCH
2450 2450			0.417B/0.193A 0.290B/*0.104A	0.417B/0.193A 0.290B/*0.104A		0.240 - 0.15 0.142 - 0.13	3 .2752					1 2	UNCH
2470 2470			0.348B/0.157A 0.228B/*0.078A	0.348B/0.157A 0.228B/*0.078A		0.196 - 0.13 0.108 - 0.10	.2329					1 7	UNCH
2480 2500	0.150	0.150	0.201B/*0.068A 0.263B/*0.115A	0.201B/*0.068A 0.263B/*0.115A		0.094 - 0.09 0.143 - 0.10	5 .1783			3		1 9 +	UNCH 3
2500 2500	1.421	1.421	1.653B/1.421 0.155B/*0.052A	1.653B/1.421 0.155B/*0.052A		1.448 NE 0.072 - 0.07	6 .1160			2		2 + 1	2 UNCH
2510 2515			0.136B/*0.046A 0.228B/*0.098A	0.136B/*0.046A 0.228B/*0.098A		0.063 - 0.06 0.122 - 0.09	3 .1553					7 8	UNCH
2520 2550	0.068	0.068	0.119B/*0.040A 2.128B/ /*0.028A	0.119B/*0.040A 2.128B/ /*0.028A		0.055 NE 1.914 + 0.35 0.038 - 0.04	55 .9377			6 		6 + 1 11	UNCH UNCH
2550 2550 2575			0.161B/*0.069A /*0.022A	0.161B/*0.069A /*0.022A		0.084 - 0.07 0.028 - 0.03	0 .1112					4 5	UNCH
2575 2600	0.065	0.065	2.274B/ 0.097B/*0.043A	2.274B/ 0.097B/*0.043A		2.154 + 0.36 0.051 - 0.04	66 .9542			10		2 -	UNCH 5
2600 2650			/*0.018A /*0.029A	/*0.018A /*0.029A		0.021 - 0.02 0.032 - 0.03	4 .0340					11 7	UNCH
2650 2675			/*0.012A /*0.011A	/*0.012A /*0.011A		0.012 - 0.01 0.009 - 0.01	.0140					8 1	UNCH UNCH
2700 2700			/*0.021A /*0.010A	/*0.021A /*0.010A		0.021 - 0.02 0.007 - 0.00	08 .0107			2		2 200	UNCH
2700 2750	0.092	0.092	0.092/*0.077A /*0.008A	0.092/*0.077A /*0.008A		0.085 NE 0.005 - 0.00	04 .0072			5 2		5 + 8 -	2
2800 TOTAL						0.003 - 0.00	.0041			72	0	10 650 +	UNCH 22
SO CA FEB23		COMEX SILVER O	OPTIONS										
1400 1425						10.020 UNG 9.770 UNG						0	UNCH UNCH
1700 1725						7.020 UNG 6.770 UNG	CH					0	UNCH
1800 1820						6.020 UNC 5.820 UNC 5.770 UNC	CH					0 0 0	UNCH UNCH UNCH
1825 1835 1840						5.670 UNG 5.620 UNG	CH					0	UNCH
1840 1845 1850						5.570 UNG 5.520 UNG	CH					0	UNCH
1865 1875						5.370 UNG 5.270 UNG	CH					0 0	UNCH
1900 1925						5.020 UNG 4.770 UNG	CH					0	UNCH UNCH
1950 1975						4.520 UNG 4.270 UNG	CH					0	UNCH
2000 2020						4.020 UNG 3.820 UNG	CH					0	UNCH
2025						3.770 UNG 3.720 UNG 3.670 UNG	CH					0 0 0	UNCH
2035 2040 2050						3.670 UNC 3.620 UNC 3.520 UNC	CH					0	UNCH UNCH UNCH
2050 2075 2100						3.270 UNG 3.270 UNG 3.020 UNG	CH					0	UNCH
2115 2125						2.870 UNG 2.770 UNG	CH					0 0	UNCH
2130 2135						2.720 UNG 2.670 UNG	CH					0	UNCH UNCH
2140 2145						2.620 UNG 2.570 UNG	CH					0	UNCH UNCH
2150 2155						2.520 UNG 2.470 UNG	CH					0	UNCH
2160 2165						2.420 UNG 2.370 UNG	CH					0	UNCH
2175 2180						2.270 UNC 2.220 UNC 2.170 UNC	CH					0 0 0	UNCH UNCH UNCH
2185 2190 2195						2.170 UNG 2.120 UNG 2.070 UNG	CH					0	UNCH
2200 2205						2.020 UNC 1.970 UNC	CH					0	UNCH
2210 2215						1.920 UNG 1.870 UNG	CH					0	UNCH
2220 2225						1.820 UNG 1.770 UNG	CH					0	UNCH
2230			 HIS REPORT IS COMPI			1.720 UNG	CH					Ö	UNCH

METALS OPTIONS PRODUCTS

2023 DAILY INFORMATION BULLETIN - http://v





64

20 South Wacker Dr

Customer S FIN

.LETIN - http://www.cmegroup.com/dailybulletin	
CME Group, Inc.	
rive, Chicago, Illinois 60606-7499.	
Service: (312) 930-1000 IAL	

PG	PG64 BULLETIN # 18@				METALS OPTION PRODUCTS					Fri, Jan 27,		, 2023 PG64	
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME		OPEN INTEREST	
SO (CALL 23	COMEX SILVER	OPTIONS										
223 224	5 0					1.670 UNC	н					0 UNCH	
225 225	5					1.520 UNC 1.470 UNC 1.420 UNC	н					0 UNCH 0 UNCH 0 UNCH	
226 226 227	5					1.370 UNC	н					0 UNCH 0 UNCH	
227 228	5 0					1.270 UNC 1.220 UNC	н					0 UNCH 0 UNCH	
228 229 229	0					1.170 UNC 1.120 UNC 1.070 UNC	н					0 UNCH 0 UNCH 0 UNCH	
230 230	0					1.020 UNC 0.970 UNC	н					0 UNCH 0 UNCH	
231 231	0					0.920 UNCI	н					0 UNCH	
232 232 233	5					0.820 UNC 0.770 UNC 0.720 UNC	н					0 UNCH 0 UNCH 0 UNCH	
233 234	5 0					0.670 UNC	H					0 UNCH 0 UNCH	
234 235 235	0					0.570 UNC 0.520 UNC 0.470 UNC	н					0 UNCH 0 UNCH 0 UNCH	
236 236	0					0.420 UNC 0.370 UNC	н					0 UNCH 0 UNCH	
237 237	0					0.320 UNCI	н					0 UNCH	
238 238 239	5					0.220 UNC 0.170 UNC 0.120 UNC	н					0 UNCH 0 UNCH 0 UNCH	
239 240	5					0.070 UNC 0.020 UNC	н					0 UNCH 0 UNCH	
240 241	0					0.000 UNC	н					0 UNCH 0 UNCH	
241 242 242	0					0.000 UNC 0.000 UNC 0.000 UNC	н					0 UNCH 0 UNCH 0 UNCH	
243 243	0 5					0.000 UNC	H					0 UNCH	
244 244	5					0.000 UNC 0.000 UNC 0.000 UNC	н					0 UNCH 0 UNCH 0 UNCH	
245 245 246	5					0.000 UNC	н					0 UNCH	
246 247	5 5					0.000 UNC	H					0 UNCH 0 UNCH	
248 249 250	5					0.000 UNC 0.000 UNC 0.000 UNC	н					0 UNCH 0 UNCH 0 UNCH	
251 252	0 5					0.000 UNC	H					0 UNCH 0 UNCH	
255 255	5					0.000 UNC 0.000 UNC 0.000 UNC	н					0 UNCH 0 UNCH 0 UNCH	
256 256 257	5					0.000 UNC	н					0 UNCH 0 UNCH	
257 258	5 0					0.000 UNC	H					0 UNCH 0 UNCH	
258 259	5					0.000 UNC 0.000 UNC 0.000 UNC	н					0 UNCH 0 UNCH 0 UNCH	
260 260 263	5					0.000 UNC	н					0 UNCH 0 UNCH	
275 TOT.	0					0.000 UNC	н				0	0 UNCH 0 0	
MAR2 125						11.122 - 0.39	8 .0000					1 UNCH	
135 137	0 5					10.122 - 0.39 9.872 - 0.39	8 .0000					1 UNCH 2 UNCH	
147 150	0					8.872 - 0.39 8.622 - 0.39 8.372 - 0.39	8 .9997					4 UNCH 4 UNCH 2 UNCH	
152 155 157	ŏ					8.122 - 0.39 7.872 - 0.39	8 .9991					2 UNCH 4 UNCH	
160 162	0 5					7.622 - 0.39 7.372 - 0.39	8 .9982					4 UNCH 2 UNCH	
165 167 170	5					7.122 - 0.39 6.872 - 0.39 6.622 - 0.39	8 .9973					4 UNCH 14 UNCH 21 UNCH	
172 175	5 0					6.372 - 0.39 6.122 - 0.39	8 .9962 8 .9961					5 UNCH 3 UNCH	
177 180 182	0					5.872 - 0.39 5.622 - 0.39 5.373 - 0.39	8 .9948					4 UNCH 25 UNCH 1 UNCH	
185 187	o					5.123 - 0.39 4.874 - 0.39	8 .9926					19 UNCH 178 UNCH	
190 192	5					4.625 - 0.39 4.377 - 0.39 4.129 - 0.39	6 .9867					147 UNCH 45 UNCH	
195 197 200	5					4.129 - 0.39 3.882 - 0.39 3.637 - 0.39	6 .9798					293 UNCH 115 UNCH 516 UNCH	
202 204	5 0					3.392 - 0.39 3.247 - 0.39	3 .9693 2 .9639					4 UNCH 4 UNCH	
205 207 210	5	 2.768	/2.934A /2.697A 2.768/2.464A	/2.934A /2.697A 2.768/2.464A		3.150 - 0.39 2.910 - 0.38 2.674 - 0.38	9 .9498			 3		210 UNCH 170 UNCH 1430 UNCH	
211 212	5 5		/2.238A	/2.238A		2.535 - 0.38 2.443 - 0.37	1 .9253 9 .9175					2 UNCH 24 UNCH	
213 214	0					2.398 - 0.37 2.308 - 0.37	8 .9129 5 .9044					1 UNCH 1 UNCH	
215 215 216	5		/2.018A /2.021A /1.979A	/2.018A /2.021A /1.979A		2.218 - 0.37 2.174 - 0.37 2.130 - 0.36	1 .8897					50 UNCH 5 UNCH 2 UNCH	
216 217	5 0		/1.936A /1.895A	/1.936A /1.895A		2.087 - 0.36 2.043 - 0.36	7 .8783 6 .8729					1 UNCH 1 UNCH	
217 218	5 2.104 0	2.104	2.104/1.805A /1.812A /1.770A	2.104/1.805A /1.812A /1.770A		2.000 - 0.36 1.957 - 0.36 1.915 - 0.36	3 .8609			9 		354 UNCH 7 UNCH 7 UNCH	
218 219 220	5	 1.975	/1.691A 1.975/1.604A	/1.691A 1.975/1.604A		1.831 - 0.35 1.790 - 0.35	7 .8411			 4		7 UNCH 1 UNCH 771 + 1	
220 221	5 0		/1.612A /1.574A	/1.612A /1.574A		1.749 - 0.35 1.708 - 0.35	3 .8272 1 .8195					5 UNCH 1 UNCH	
221 222 223	5 1.756	1.756	/1.493A 1.756/1.413A /1.380A	/1.493A 1.756/1.413A /1.380A		1.668 - 0.34 1.589 - 0.34 1.550 - 0.34	4 .7963			4		2 UNCH 25 - 3 2 UNCH	
223 225	5 0 1.514	1.514	/1.344A 1.514/1.235A	/1.344A 1.514/1.235A		1.512 - 0.33 1.399 - 0.33	8 .7799 0 .7531			3		3 UNCH 515 - 2	
226 226	0 5		/1.171A /1.136A /1.104A	/1.171A /1.136A /1.104A		1.327 - 0.32 1.292 - 0.32 1.257 - 0.31	0 .7251					11 UNCH 2 UNCH 1 UNCH	
227 227 228	5		/1.070A /1.039A	/1.104A /1.070A /1.039A		1.257 - 0.31 1.222 - 0.31 1.189 - 0.31	4 .7053					1 UNCH 682 UNCH 4 UNCH	
228 229	5 0		/1.011A /0.979A	/1.011A /0.979A		1.156 - 0.30 1.123 - 0.30	6 .6849 3 .6745					3 UNCH 2 UNCH	
229 230 230	0 1.216	1.120 1.216	1.120/0.950A 1.216/0.921A /0.893A	1.120/0.950A 1.216/0.921A /0.893A		1.091 - 0.29 1.060 - 0.29 1.029 - 0.29	5 .6532			3 13 		2 UNCH 431 - 4 4 UNCH	
231 231	0 5		/0.866A /0.839A	/0.866A /0.839A		0.999 - 0.28 0.970 - 0.28	7 .6315 2 .6206					14 UNCH 27 UNCH	
232 232	0 5		/0.813A 1.213B/0.787A 1.181B/0.762A	/0.813A 1.213B/0.787A		0.941 - 0.27 0.913 - 0.27	8 .6096 4 .5984			1 		9 + 1 138 UNCH	
233 233 234	5		1.181B/0.762A 1.149B/0.738A 1.118B/0.714A	1.181B/0.762A 1.149B/0.738A 1.118B/0.714A		0.885 - 0.27 0.858 - 0.26 0.832 - 0.26	5 .5761					17 UNCH 5 UNCH 20 UNCH	
234 235	5	0.770	1.087B/0.691A 1.057B/0.661	1.087B/0.691A 1.057B/0.661		0.806 - 0.25 0.781 - 0.25	6 .5536			3 45		2 + 1 183 - 23	
THE	INFORMATIO	N CONTAINED IN	THIS REPORT IS COMPI	LED FOR THE CONVE	NTENCE OF THE USER	AND TS FURNISHED WI	THOUT RE	SPONSTRT	ITTY FOR	ACCURACY	OR CONT	FNT. TT	

METALS OPTIONS PRODUCTS

Side 28

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin CME Group, Inc.
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FINAL







					FINAL						
PG64 B	BULLET	IN # 18@			METALS OPTION P	RODUCTS		OPEN			2023 PG64
	OBEX PEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
SO CALL		COMEX SILVER OF	PTIONS								
SO CALL MARR33 23550 0.2360 0.23650 0.2375 0.2375 0.2385 0.2390 0.2405 2410 2445 2420 0.2445 2440 0.2445 2440 0.2445 0.2445 0.2445 0.2455 0.2470 2470 2485 0.2470 2550 0.2525 0.2	.722	OPEN RANGE COMEX SILVER OF 0.722 0.740 0.726 0.706 0.688 0.630 0.720 0.775 0.777 0.775 0.777 0.	HIGH/LOW PTIONS 1.0278/0.640 0.9988/0.625A 0.9698/0.603A 0.9418/0.577 0.9358/0.563A 0.8418/0.563A 0.8408/0.524A 0.8858/0.504A 0.8818/0.506A 0.8108/0.488A 0.812/0.466 0.7618/0.454A 0.7388/0.438A 0.7148/0.422A 0.6928/0.407A 0.6908/0.392A 0.6688/0.377A 0.6478/0.363A 0.6068/0.353A 0.6668/0.353A 0.6668/0.338A 0.5858/0.312A 0.5498/0.301A 0.5588/0.312A 0.5498/0.290A 0.5128/0.279A 0.5128/0.279A 0.4958/0.268A 0.4498/0.238A 0.4478/0.238A 0.4478/0.238A 0.4478/0.238A 0.4478/0.238A 0.4388/0.121A 0.3388/0.158A 0.3508/0.181A 0.33768/0.174A 0.3258/0.167A 0.3148/0.1174A 0.3258/0.161A 0.3378/0.175A 0.3148/0.128A 0.2428/*0.132A 0.2718/*0.138A 0.2628/*0.128A 0.2418/*0.114A 0.2018/*0.128A 0.2418/*0.114A 0.2178/*0.138A 0.2628/*0.114A 0.2178/*0.110A 0.218/*0.110A 0.218/*0.110A	1.0278/0.640 0.9988/0.625A 0.9988/0.625A 0.9698/0.603A 0.9418/0.577 0.9358/0.563A 0.8888/0.506A 0.8608/0.524A 0.8358/0.506A 0.8108/0.488A 0.7318/0.438A 0.7148/0.422A 0.6928/0.407A 0.6908/0.392A 0.6698/0.392A 0.6678/0.407A 0.6908/0.392A 0.6678/0.330A 0.6268/0.330A 0.5668/0.330A 0.5688/0.312A 0.5588/0.312A 0.5588/0.312A 0.5588/0.312A 0.5498/0.258A 0.4408/0.258A 0.4408/0.258A 0.4408/0.258A 0.4408/0.258A 0.4408/0.258A 0.4328/0.229A 0.4178/0.220 0.4028/0.212A 0.3898/0.203A 0.3768/0.188A 0.3508/0.188A 0.3588/0.1067A 0.2018/0.1167A 0.2178/0.110A 0.2018/0.1167A 0.2178/0.110A 0.2018/0.118A 0.2248/40.113A 0.2718/0.116A 0.2178/0.110A 0.2018/0.010A		\$ PT.CHGE. DELTA 0.756 - 0.248 .5311 0.732 - 0.243 .5199 0.768 - 0.239 .5086 0.685 - 0.235 .4875 0.663 - 0.236 .4864 0.641 - 0.226 .4753 0.599 - 0.217 .4534 0.599 - 0.217 .4534 0.599 - 0.217 .4534 0.599 - 0.219 .4318 0.540 - 0.200 .4105 0.503 - 0.196 .4001 0.521 - 0.200 .4105 0.503 - 0.196 .4001 0.485 - 0.192 .3897 0.468 - 0.188 .3795 0.452 - 0.183 .3795 0.452 - 0.183 .3395 0.456 - 0.171 .3402 0.390 - 0.168 .3306 0.376 - 0.164 .3213 0.362 - 0.160 .3121 0.349 - 0.156 .3032 0.336 - 0.152 .2943 0.331 - 0.145 .2769 0.300 - 0.141 .2688 0.288 - 0.138 .2604 0.278 - 0.131 .2448 0.278 - 0.134 .2528 0.267 - 0.131 .2448 0.278 - 0.134 .2528 0.267 - 0.131 .2448 0.278 - 0.134 .2528 0.267 - 0.131 .2448 0.278 - 0.124 .2297 0.238 - 0.120 .2226 0.228 - 0.118 .2151 0.220 - 0.114 .2085 0.211 - 0.111 .2015 0.203 - 0.108 .1950 0.195 - 0.097 .1703 0.166 - 0.094 .1645 0.160 - 0.091 .1592 0.154 - 0.088 .1540 0.188 - 0.100 .1762 0.173 - 0.097 .1703 0.166 - 0.094 .1645 0.160 - 0.091 .1592 0.154 - 0.088 .1540 0.148 - 0.086 .1487 0.142 - 0.088 .1540 0.148 - 0.086 .1487 0.142 - 0.093 .1383 0.136 - 0.097 .1703 0.166 - 0.094 .1645 0.160 - 0.091 .1592 0.154 - 0.088 .1540 0.168 - 0.097 .1703 0.166 - 0.094 .1645 0.160 - 0.091 .1383 0.131 - 0.076 .1292 0.121 - 0.074 .1292 0.121 - 0.074 .1292 0.122 - 0.064 .1043 0.096 - 0.066 .1081 0.099 - 0.064 .1041 0.090 - 0.064 .1041 0.090 - 0.064 .1041 0.090 - 0.064 .1041 0.091 - 0.005 .0055 0.004 - 0.006 .0055 0.004 - 0.006 .0055 0.004 - 0.006 .0055 0.004 - 0.006 .0062	CISES	OUTCRY VOLUME	13 14 2 174 10 2 174 10 2 5 7 7 5 109 2 93 31 1 2 7 7 1 95 93 3 58 2 2 2 2 504 51 1 8 8 5 90 0 2 60 1 1 63 53 13 33 325 2 7 19 10 2 2 3 3 3 10 2 2 3 3 10 2 2 3 3 10 11 13 3 325 5 10 11 13 3 325 5 10 11 13 3 325 10 11 13 3 325 10 11	VOLUME	23 + 10 12 + 10 26 UNCH 150 + 82 57 + 2 13 + 2 13 + 2 22 - 2 61 UNCH 15 UNCH 17 UNCH 21 UNCH 22 + 2 161 UNCH 21 UNCH 22 + 2 161 UNCH 21 UNCH 22 + 2 161 UNCH 22 + 3 22 + 2 161 UNCH 22 + 1 24 UNCH 25 + 37 27 UNCH 27 + 7 47 - 2 28 27 + 7 47 - 2 28 27 + 7 47 - 2 28 27 + 7 47 - 2 28 27 + 7 47 - 2 28 27 + 7 47 - 2 28 28 - 1 29 UNCH 212 + 9 21 UNCH 213 UNCH 214 UNCH 215 UNCH 216 UNCH 217 UNCH 218 - 1 218 UNCH 219 UNCH 219 UNCH 210 UNCH 210 UNCH 211 UNCH 212 UNCH 213 UNCH 214 UNCH 215 UNCH 217 UNCH 218 UNCH 219 UNCH 219 UNCH 210 UNCH 210 UNCH 210 UNCH 210 UNCH 211 UNCH 212 UNCH 213 UNCH 214 UNCH 215 UNCH 217 UNCH 218 UNCH 219 UNCH 219 UNCH 210 UNCH 210 UNCH 210 UNCH 210 UNCH 211 UNCH 212 UNCH 213 UNCH 214 UNCH 215 UNCH 217 UNCH 218 UNCH 219 UNCH 219 UNCH 210
3200 32250 3275 3300 3325 3300 3325 3350 3425 3475 3475 3475 3475 3475 3500 3525 3550 3575 3575 3625 3625 3625 3625 3625 3625 3625 3625 3725 4000 4500 6000	.005	0.005 0.003 0.003 0.002 0.001 0.003 0.002	/0.008A/0.007A 0.005/*0.005/0.006A/*0.004A 0.003/*0.003/0.003A 0.002/*0.002 0.002/*0.001 0.003/*0.002A 0.002/*0.002	/0.008A/*0.007A 0.005/*0.005/*0.006A/*0.004A 0.003/*0.003/0.003A 0.002/*0.002 0.002/*0.002 0.002/*0.001 0.003/*0.002A		0.004 - 0.005 .0041 0.003 - 0.005 .0031 0.002 - 0.005 .0021 0.002 - 0.005 .0021 0.002 - 0.004 .0020 0.002 - 0.004 .0020 0.001 - 0.004 .0010 0.001 - 0.004 .0007 0.001 - 0.003 .0005 0.001 - 0.003 .0005 0.001 - 0.003 .0005 0.001 - 0.003 .0005 0.001 - 0.002 .0001 0.001 - 0.001 .0000 0.001 UNCH			2 1 1 1 1 1 3 1 1 2460		40 - 2 1 UNCH 227 - 1 2 UNCH 1001 UNCH 1001 UNCH 1001 UNCH 11 UNCH 225 UNCH 100 UNCH 11 UNCH 269 - 1 12 UNCH 100 UNCH 10 UNCH 10 UNCH 10 UNCH 10 UNCH 10 UNCH 10 UNCH 11 UNCH 10 UNCH 11 UNCH 10 UNCH 11 UNCH 10 UNCH 11 UNCH 11 UNCH 11 UNCH 12 UNCH 10 UNCH 11 UNCH 11 UNCH 11 UNCH 11 UNCH 12 UNCH 10 UNCH 11 UNCH 11 UNCH 11 UNCH 11 UNCH 12 UNCH 10 UNCH 11 UNCH 11 UNCH 11 UNCH 11 UNCH 12 UNCH 11 UNCH 12 UNCH 13 UNCH 14 UNCH 1506 - 2 11 UNCH 16 UNCH 1788 + 1 1134 UNCH 1788 + 1 1134 UNCH 1788 + 1 1134 UNCH 1787 UNCH 1788 + 1 1134 UNCH 1788 + 1 1188 UNCH 1788 + 1 188 UNCH 1
APR23 1275 1350 1525 15575 1625 1650 1775 1725 1775 1800 1775 1800 2025 2050 2075 2010 2025 2110 2025 2125 22175 2205 2225 2256 2275						11.072 - 0.399 .9995 10.322 - 0.399 .9989 8.572 - 0.399 .9961 8.322 - 0.399 .9954 8.072 - 0.399 .9954 7.572 - 0.399 .9957 7.322 - 0.399 .9910 6.574 - 0.398 .9859 6.077 - 0.397 .9837 5.830 - 0.396 .9814 5.584 - 0.397 .9837 5.830 - 0.396 .9814 5.584 - 0.395 .9778 5.339 - 0.394 .9742 4.371 - 0.388 .9515 3.900 - 0.382 .9323 3.670 - 0.377 .9207 3.443 - 0.373 .9065 3.220 - 0.369 .8908 3.003 - 0.363 .8724 4.371 - 0.358 .8724 2.791 - 0.357 .8518 2.586 - 0.350 .8286 2.389 - 0.340 .8029 2.199 - 0.330 .7748 2.018 - 0.340 .8029 2.199 - 0.330 .7748 2.018 - 0.340 .8029 2.199 - 0.330 .7748 2.018 - 0.340 .8029 2.199 - 0.330 .7748 2.018 - 0.340 .8029 2.199 - 0.330 .7748 2.018 - 0.340 .8029 2.199 - 0.330 .7748 2.018 - 0.340 .8029 2.199 - 0.330 .7748 2.018 - 0.340 .8029 2.199 - 0.330 .7748			1 1 1		4 UNCH 1 UNCH 4 UNCH 6 UNCH 4 UNCH 2 UNCH 2 UNCH 2 UNCH 1 UNCH 1 UNCH 1 UNCH 6 UNCH 1 UNCH 6 UNCH 7 UNCH 105 UNCH 4 UNCH 7 UNCH 105 UNCH 4 + 1 1 5 UNCH 2 UNCH 1 UNCH 66 UNCH 7 UNCH 105 UNCH 11 UNCH

METALS OPTIONS PRODUCTS

Side 29

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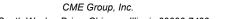
20 South Wacker Drive, Chicago, Illinois 60606-7499.

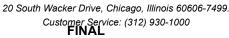
	-
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PG64	BULLET	IN # 18@			METALS OPTION P	PRODUCTS			Fri,	Jan 27	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
SO CA	.LL	COMEX SILVER	,	niidii, Eow	CEOSE NAME	d FFERGE	CISES	VOLUME		VOLUME	
APR23 2280 2285			/1.503A /1.474A	/1.503A /1.474A		1.651 - 0.291 .6714 1.620 - 0.288 .6643					2 UNCH 11 UNCH
2290 2295 2300	1.650 1.525	1.650 1.525	1.650/1.446A /1.417A 1.525/1.386A	1.650/1.446A /1.417A 1.525/1.386A		1.590 NEW .6573 1.560 - 0.282 .6501 1.530 - 0.279 .6430			<u>-</u> 1		3 + 3 3 UNCH 12 - 1
2305 2310 2320			/1.360A 1.755B/1.331A 1.702B/1.279A	/1.360A 1.755B/1.331A 1.702B/1.279A		1.501 - 0.276 .6358 1.472 - 0.273 .6286 1.415 - 0.268 .6140					3 UNCH 2 UNCH 5 UNCH
2325 2330 2335			1.671B/1.253A 1.640B/1.227A 1.610B/1.202A	1.671B/1.253A 1.640B/1.227A 1.610B/1.202A		1.387 - 0.265 .6067 1.360 - 0.262 .5994 1.333 - 0.259 .5921					6 UNCH 1 UNCH 1 UNCH
2340 2345	1.368	 1.368	1.580B/1.178A 1.550B/1.153A 1.521B/1.130A	1.580B/1.178A 1.550B/1.153A 1.521B/1.130A		1.307 - 0.255 .5847 1.281 - 0.252 .5774 1.255 - 0.250 .5700			 1		1 UNCH 4 UNCH 145 + 1
2350 2355 2360	1.077	1.077	1.493B/1.106A 1.464B/1.077	1.493B/1.106A 1.464B/1.077		1.230 - 0.246 .5626 1.205 - 0.244 .5552			2		2 UNCH 5 UNCH
2370 2375 2380			1.410B/1.038A 1.383B/1.016A 1.356B/0.995A	1.410B/1.038A 1.383B/1.016A 1.356B/0.995A		1.157 - 0.237 .5405 1.133 - 0.234 .5331 1.110 - 0.231 .5258					131 UNCH 37 UNCH 10 UNCH
2390 2395 2400	0.927	0.927	1.302B/0.953A 1.277B/0.933A 1.251B/0.913A	1.302B/0.953A 1.277B/0.933A 1.251B/0.913A		1.065 - 0.225 .5112 1.043 - 0.222 .5039 1.021 - 0.219 .4967			2		5 UNCH 8 UNCH 280 UNCH
2405 2415 2420			1.222B/0.893A 1.173B/0.855A /0.836A	1.222B/0.893A 1.173B/0.855A /0.836A /0.818A		1.000 - 0.216 .4895 0.959 - 0.209 .4752 0.938 - 0.207 .4681					8 UNCH 48 UNCH 134 UNCH
2425 2430 2435			/0.818A /0.800A /0.783A	/0.800A /0.783A		0.919 - 0.203 .4611 0.899 - 0.201 .4540 0.880 - 0.198 .4471					80 UNCH 1 UNCH 19 UNCH
2440 2445 2450	0.840	 0.840	/0.765A /0.749A 0.840/0.733A	/0.765A /0.749A 0.840/0.733A		0.862 - 0.194 .4402 0.843 - 0.192 .4333 0.825 - 0.189 .4265			 1		10 UNCH 2 UNCH 191 UNCH
2455 2460			/0.715A /0.700A	/0.715A /0.700A		0.807 - 0.186 .4197 0.790 - 0.183 .4130					7 UNCH 1 UNCH
2465 2475 2480			0.980B/0.685A 0.940B/0.655A 0.921B/0.640A	0.980B/0.685A 0.940B/0.655A 0.921B/0.640A		0.773 - 0.180 .4064 0.740 - 0.174 .3933 0.724 - 0.171 .3868			2		46 UNCH 273 + 2 4 UNCH
2490 2495 2500	0.650	0.650	0.883B/0.612A 0.865B/0.598A 0.847B/0.585A	0.883B/0.612A 0.865B/0.598A 0.847B/0.585A		0.693 - 0.166 .3741 0.678 - 0.163 .3678 0.663 - 0.161 .3616			1 7		10 UNCH 10 UNCH 202 + 3
2505 2520 2525			0.829B/0.572A 0.778B/0.535A 0.762B/0.523A	0.829B/0.572A 0.778B/0.535A 0.762B/0.523A		0.649 - 0.157 .3555 0.607 - 0.150 .3375 0.594 - 0.147 .3317					1 UNCH 4 UNCH 118 UNCH
2535 2540 2545			0.730B/0.498A 0.714B/0.487A 0.699B/0.477A	0.730B/0.498A 0.714B/0.487A 0.699B/0.477A		0.568 - 0.142 .3202 0.556 - 0.139 .3147 0.543 - 0.138 .3089					5 UNCH 3 UNCH 1 UNCH
2550 2575 2580			0.685B/0.466A 0.615B/0.416A 0.602B/0.408A	0.685B/0.466A 0.615B/0.416A 0.602B/0.408A		0.531 - 0.135 .3034 0.476 - 0.123 .2774 0.465 - 0.121 .2722			 5		154 UNCH 22 + 5 1 UNCH
2585 2590			0.589B/0.398A 0.576B/0.390A 0.564B/0.382A	0.589B/0.398A 0.576B/0.390A 0.564B/0.382A		0.455 - 0.119 .2673 0.445 - 0.116 .2624 0.435 - 0.114 .2576					5 UNCH 2 UNCH 3 UNCH
2595 2600 2605	0.400	0.400	0.552B/0.373A 0.539B/0.365A	0.552B/0.373A 0.539B/0.365A		0.426 - 0.112 .2530 0.416 - 0.110 .2481			912	50 	972 - 577 1 UNCH
2620 2625 2630			0.505B/0.342A 0.494B/0.334A 0.483B/0.327A	0.505B/0.342A 0.494B/0.334A 0.483B/0.327A		0.390 - 0.104 .2348 0.381 - 0.102 .2303 0.373 - 0.100 .2261			1 		34 UNCH 152 UNCH 8 UNCH
2635 2640 2645	0.336	0.336	0.472B/0.320A 0.461B/0.314A 0.451B/0.307A	0.472B/0.320A 0.461B/0.314A 0.451B/0.307A		0.365 - 0.098 .2219 0.357 - 0.096 .2178 0.349 - 0.094 .2136			8		7 UNCH 47 + 6 1 UNCH
2650 2655 2675	0.319	0.319	0.442B/0.300A 0.432B/0.294A 0.396B/0.270A	0.442B/0.300A 0.432B/0.294A 0.396B/0.270A		0.342 - 0.092 .2098 0.334 - 0.091 .2057 0.307 - 0.083 .1909			1 		60 UNCH 3 + 1 71 UNCH
2700 2725 2750	0.290 0.253 0.206	0.290 0.253 0.206	0.353B/0.243A 0.317B/0.218A 0.215/0.198A	0.353B/0.243A 0.317B/0.218A 0.215/0.198A		0.275 - 0.075 .1734 0.248 - 0.067 .1580 0.223 - 0.061 .1436			54 9 2		636 + 9 17 - 9 205 UNCH
2775 2800	0.212 0.195	0.212 0.195	0.212/*0.179A 0.195/*0.162A 0.171/*0.147A	0.212/*0.179A 0.195/*0.162A 0.171/*0.147A		0.201 - 0.055 .1306 0.182 - 0.049 .1191			825 825		46 UNCH 543 - 661
2825 2850 2875	0.171 0.170 	0.171 0.170 	0.170/*0.134A /*0.123A	0.170/*0.134A /*0.123A		0.149 - 0.040 .0988 0.135 - 0.036 .0901			19 1		26 + 4 48 + 12 42 UNCH
2900 2925 2950	0.120 0.107	0.120 0.107	0.131/*0.112A /*0.103A 0.107/*0.094A	0.131/*0.112A /*0.103A 0.107/*0.094A		0.123 - 0.033 .0824 0.112 - 0.030 .0753 0.102 - 0.027 .0688			55 3		86 + 11 75 UNCH 17 + 3
2975 3000 3025	0.093 0.080	0.093 0.080 	0.093/*0.086A 0.088/*0.079A /*0.072A	0.093/*0.086A 0.088/*0.079A /*0.072A		0.093 - 0.025 .0630 0.085 - 0.023 .0577 0.078 - 0.021 .0530			6 8 		9 + 4 4457 UNCH 35 UNCH
3050 3075 3100	0.067 	0.067 	0.067/*0.067 /*0.062A /*0.057A	0.067/*0.067 /*0.062A /*0.057A		0.071 - 0.020 .0484 0.065 - 0.018 .0444 0.060 - 0.017 .0410			 1		15 + 3 4 UNCH 34 UNCH
3125 3150 3175	0.051	0.051	/*0.053A 0.054/*0.049A /*0.046A	/*0.053A 0.054/*0.049A /*0.046A		0.055 - 0.016 .0377 0.051 - 0.014 .0349 0.047 - 0.013 .0322			3		3 UNCH 9 UNCH 4 UNCH
3200 3225 3250			/*0.043A /*0.040A /*0.038A	/*0.043A /*0.040A /*0.038A		0.044 - 0.012 .0300 0.040 - 0.012 .0274 0.037 - 0.011 .0253					33 UNCH 16 UNCH 11 UNCH
3275 3300			/*0.035A /*0.033A /*0.031A	/*0.035A /*0.033A /*0.031A		0.035 - 0.009 .0238 0.032 - 0.009 .0218 0.030 - 0.008 .0204			1		6 UNCH 17 - 1 5 UNCH
3325 3350 3375			/0.029A /*0.027A	/0.029A /*0.027A		0.028 - 0.008 .0190 0.026 - 0.007 .0176					17 UNCH 5 UNCH
3400 3425 3450			/*0.025A /*0.024A /*0.019A	/*0.025A /*0.024A /*0.019A		0.024 - 0.007 .0163 0.023 - 0.006 .0155 0.021 - 0.006 .0142					19 UNCH 5 UNCH 19 UNCH
3500 4000 5000	0.017 0.004	0.017 0.004	0.017/*0.017 /0.009A 0.004/*0.004	0.017/*0.017 /0.009A 0.004/*0.004		0.019 - 0.005 .0127 0.008 - 0.002 .0049 0.004 - 0.001 .0020			28 5 2		4135 - 1 685 + 5 107 - 2
TOTAL MAY23									1981	50	15189 - 1178
1275 1300 1325						11.072 - 0.399 .9980 10.822 - 0.399 .9974 10.572 - 0.399 .9969					4 UNCH 1 UNCH 1 UNCH
1350 1375 1500						10.322 - 0.399 .9963 10.072 - 0.399 .9958 8.822 - 0.399 .9918					1 UNCH 2 UNCH 2 UNCH
1525 1550 1575						8.572 - 0.399 .9906 8.322 - 0.399 .9899 8.072 - 0.399 .9887					10 UNCH 4 UNCH 4 UNCH
1600 1675 1700						7.822 - 0.399 .9870 7.076 - 0.397 .9819 6.829 - 0.396 .9795					6 UNCH 2 UNCH 2 UNCH
1750 1800						6.336 - 0.395 .9739 5.849 - 0.393 .9657 5.607 - 0.391 .9606					1 UNCH 6 UNCH 29 UNCH
1825 1850 1900			/4.680A	 /4.680A		5.367 - 0.390 .9553 4.892 - 0.387 .9417					2 UNCH 28 UNCH
1950 2000 2050			/4.219A /3.772A /3.342A	/4.219A /3.772A /3.342A		4.427 - 0.382 .9231 3.977 - 0.372 .8990 3.543 - 0.361 .8691					1 UNCH 161 UNCH 4 UNCH
2075 2100 2125			/3.135A /2.935A /2.743A	/3.135A /2.935A /2.743A		3.333 - 0.354 .8518 3.128 - 0.347 .8328 2.930 - 0.338 .8120					2 UNCH 21 UNCH 2 UNCH
2150 2175 2200			/2.554A /2.375A /2.204A	/2.554A /2.375A /2.204A		2.738 - 0.330 .7894 2.553 - 0.320 .7654 2.376 - 0.309 .7399					78 UNCH 2 UNCH 252 UNCH
2225 2250 2255 2255	2.029	 2.029	/2.041A /1.887A #2.029/*1.860A	/2.041A /1.887A #2.029/*1.860A		2.207 - 0.298 .7130 2.046 - 0.286 .6849 2.015 NEW .6793			 1		24 UNCH 102 UNCH 1 + 1
2265 2275 2300	2.003	2.003	#2.003/*1.801A /1.742A 2.030B/1.604A	#2.023/ 1.000A #2.003/*1.801A /1.742A 2.030B/1.604A		1.954 NEW .6677 1.894 - 0.273 .6561 1.750 - 0.260 .6265			3 		3 + 3 8 UNCH 152 UNCH
2305 2310	1.820 1.791	1.820 1.791	#1.820/*1.579A #1.791/*1.553A 1.879B/1.477A	#1.820/*1.579A #1.791/*1.553A 1.879B/1.477A		1.730 - 0.200 .0203 1.722 NEW .6205 1.695 NEW .6145 1.615 - 0.247 .5965			2 2 20		2 + 2 2 + 2 19 + 10
2325 2350 2375			1.735B/1.358A 1.600B/1.247A	1.735B/1.358A 1.600B/1.247A		1.488 - 0.234 .5663 1.370 - 0.221 .5362					25 UNCH 21 UNCH
2400 2425			1.474B/1.143A 1.356B/1.048A	1.474B/1.143A 1.356B/1.048A		1.259 - 0.209 .5064 1.157 - 0.196 .4773			92		368 + 84 43 UNCH

METALS OPTIONS PRODUCTS

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Fri, Jan 27, PG64 BULLETIN # 18@ METALS OPTION PRODUCTS 2023 PG64 OPEN OUTCRY VOLUME OPEN INTEREST GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE SETT.PRICE & PT.CHGE. GLOBEX® VOLUME PNT VOLUME EXER CISES DELTA COMEX SILVER OPTIONS 1.150 1.247B/0.960A
----/0.877A
1.076B/0.803A
0.989B/0.735A
0.908B/0.673A
0.833B/0.616A
0.765B/0.564A
0.702B/0.518A
0.644B/0.476A
0.591B/0.437A
0.543B/0.402A
0.497B/0.370A
----/0.341A
0.358/0.315A
----/0.291A
0.368/0.270A
0.283/*0.250A
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----/0.877A
1.0768/0.783A
0.989B/0.735A
0.989B/0.735A
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0.833B/0.616A
0.7658/0.564A
0.7028/0.518A
0.7658/0.364A
0.7028/0.518A
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----/*0.065A 1.062 0.974 0.893 0.819 0.777 0.750 0.6381 0.531 0.448 0.351 0.324 0.227 0.257 0.257 0.227 0.210 0.101 0.105 0.165 0.164 0.164 0.125 0.164 0.125 0.164 0.164 0.164 0.165 0.066 0.065 245 + 198 1568 + 17 + 18 UNCH 30 13 7 1.150 0.184
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0.0011 49 20 105 14 7 45 ----1 ----2 18 1 12 0.915 0.895 0.787 ----0.915 0.895 0.787 19 UNCH 1 UNCH UNCH 100 38 9 208 8 322 105 724 17 254 13 433 44 18 100 0.454 0.426 0.454 0.426 0.358 0.358 0.306 0.283 0.306 18 20 22 6 718 31 5 101 20 0.196 30 ----1 0.196 ----6 0.093 0.093 0.068 UNCH 1 UNCH 3 102 3 4 0.052 0.047 0.052 0.047 0.008/*0.008 0.008/*0.008 0.008 0.008 454 100 JUN23 6.314 5.839 5.604 4.690 3.834 3.632 2.3435 2.238 2.095 1.598 1.210 1.598 1.220 1.052 0.915 0.915 0.915 0.915 0.915 0.347 0.327 0.391
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0.001 .9567 .9454 .9309 .9024 .8321 .8321 .8324 .8321 .8324 .6607 .7320 .6607 .7320 .6607 .7320 .6338 .6358 .6419 .3348 .2388 UNCH 4 3 3 2 2 1 1 UNCH 1 UNCH UNCH 6.059 5.802 5.526 5.069 4.872 3.796 3.619 3.428 6.059 5.802 5.526 5.069 4.872 3.796 3.619 3.428 6.070B/5.625A
5.835B/5.193A
5.835B/5.160A
5.137B/4.707A
4.911B/4.484A
3.796/3.639A
3.619/3.439A
3.619/3.439A
3.619/3.439A
3.619/3.248A
---/2.880A
3.042/2.706A
---/2.539A
2.369B/1.947A
2.219B/1.818A
1.600/1.474A
---/1.105A
1.228B/0.958A
1.145B/0.892A
1.069B/0.831A
0.998B/0.75A
0.932B/0.723A
0.932B/0.73A
0.932B/0.73A
0.932B/0.73A
0.932B/0.73A
0.932B/0.73A
0.932B/0.30A
0.708B/0.552A
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0.7 2 3.042 3.042 + 2.198 1 UNCH UNCH UNCH UNCH UNCH UNCH UNCH 115 UNCH UNCH 22 UNCH 70 UNCH UNCH UNCH UNCH 1.600 1.600 412 1 191 260 181 22 112 125 ----1 0.479 0.479 22 22 125 ----2 2 2 0.295 0.276 UNCH UNCH UNCH UNCH UNCH 2 UNCH UNCH 1 UNCH UNCH UNCH UNCH UNCH UNCH UNCH 2 0.175 0.175 28 3184 0 TOTAL JUL23 0.398 0.394 0.392 0.383 0.386 0.366 0.362 0.355 0.301 0.273 0.201 0.223 0.203 0.213 0.203 0.213 0.203 0.194 0.185 0.150 0.150 0.150 0.150 0.129 0.123 0.123 .9781 .9658 .9619 .9275 .9195 .9195 .8670 .8837 .7728 .8081 .7909 .7728 .6498 .6477 .6056 .6277 .6056 .6339 .4450 .3496 8.524 7.543 7.301 5.885 5.657 5.431 4.774 4.562 4.355 3.574 3.392 2.298 2.168 2.298 2.168 2.171 ----/5.674A
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2.712B/2.284A
2.563B/2.153A
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2.712B/2.284A
2.563B/2.153A
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---/1.496A
---/1.246A
1.454B/1.172A
1.372B/1.104A
1.294B/1.104A
1.294B/1.104A
1.295B/0.872A
1.025B/0.872A
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1.025B/0.872A
1.025B/0.872A 1 25 2 1 10 10 5 114 35 205 5 43 7 25 ----13 204 30 19 93 603 42 3 10 267 130 364 407 42 13 34 395 1.251 1.251 . 133 . 008 . 952 . 899 850 803 1.133 1.008 0.952 0.899 0.850 0.803 0.760 0.719 0.947 0.947 2800

METALS OPTIONS PRODUCTS

64 Side 31

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





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

Customer Service:	(312) 930-1000

					FINAL						
PG64	BULLET	IN # 18@		1	METALS OPTION PR	ODUCTS		OPEN	Fri,	Jan 27,	2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME		OPEN INTEREST
SO CAL	.L	COMEX SILVER O									
JUL23 2825			/0.624A	/0.624A		0.681 - 0.095 .2491					2 UNCH
2850 2900			/0.591A /0.532A	/0.591A /0.532A		0.645 - 0.090 .2376 0.580 - 0.081 .2165			 4		9 UNCH 148 + 4
2925 2950			/0.506A /0.481A	/0.506A /0.481A		0.550 - 0.078 .2066 0.523 - 0.073 .1974					1 UNCH 36 UNCH
2975 3000			/0.457A /0.435A	/0.457A /0.435A		0.497 - 0.070 .1886 0.472 - 0.067 .1801			 4		1 UNCH 2304 + 4
3050 3075			/0.395A /0.376A	/0.395A /0.376A		0.428 - 0.060 .1647 0.408 - 0.056 .1576					18 UNCH 2 UNCH
3100 3125			/*0.359A /*0.342A	/*0.359A /*0.342A		0.389 - 0.053 .1508 0.371 - 0.051 .1443					16 UNCH 460 UNCH
3150 3200			/*0.327A /*0.299A	/*0.327A /*0.299A		0.354 - 0.048 .1382 0.323 - 0.044 .1268			7		110 UNCH 151 UNCH
3250 3300			/*0.274A /*0.251A	/*0.274A /*0.251A		0.295 - 0.040 .1165 0.271 - 0.036 .1074					1 UNCH 133 UNCH
3350 3400			/*0.231A /*0.213A	/*0.231A /*0.213A		0.249 - 0.032 .0990 0.229 - 0.030 .0914					2 UNCH 3 UNCH
3500 3575	0.190	0.190	0.192/*0.182A /*0.163A	0.192/*0.182A /*0.163A		0.195 - 0.025 .0783 0.173 - 0.023 .0697			3		1028 + 2 4 UNCH
3600 3650			/*0.157A /*0.146A	/*0.157A /*0.146A		0.167 - 0.022 .0673 0.155 - 0.020 .0626					1 UNCH 3 UNCH
3775 3800			/*0.123A /*0.119A	/*0.123A /*0.119A		0.129 - 0.017 .0523 0.125 - 0.016 .0507					5 UNCH 1 UNCH
3900 3950			/*0.105A /*0.098A	/*0.105A /*0.098A		0.109 - 0.015 .0443 0.102 - 0.014 .0414					191 UNCH 7 UNCH
4000 4025			/*0.093A /*0.090A	/*0.093A /*0.090A		0.096 - 0.013 .0390 0.093 - 0.012 .0378					1109 UNCH 10 UNCH
4075 4500	0.050	0.050	/*0.085A 0.050/*0.050	/*0.085A 0.050/*0.050		0.087 - 0.012 .0354 0.054 - 0.008 .0218			14		1 UNCH 19 - 14
5000 6000			/*0.039A 	/*0.039A 		0.034 - 0.006 .0135 0.018 - 0.003 .0068					228 UNCH 71 UNCH
7000 9000						0.012 - 0.001 .0043 0.006 - 0.002 .0020					19 UNCH 10 UNCH
10000 TOTAL	0.006	0.006	0.006/*0.005A	0.006/*0.005A		0.005 - 0.002 .0016			10 83	0	51 + 10 9290 + 23
SEP23 1650						7.764 - 0.404 .9496					1 UNCH
1700 1725			/7.101A /6.871A	/7.101A /6.871A		7.294 - 0.400 .9394 7.062 - 0.398 .9334					1 UNCH 2 UNCH
1750 1975			/6.642A /4.725A	/6.642A /4.725A		6.833 - 0.396 .9270 4.901 - 0.368 .8420					1 UNCH 1 UNCH
2000 2200	3.455	 3.455	/4.532A 3.455/3.170A	/4.532A 3.455/3.170A		4.705 - 0.363 .8293 3.313 NEW .7052			1		$egin{array}{ccc} 1 & ext{UNCH} \ 1 + & 1 \end{array}$
2300 2400			/2.622A /2.162A	/2.622A /2.162A		2.749 - 0.280 .6333 2.274 - 0.244 .5599					9 UNCH 125 UNCH
2425 2450			/2.061A /1.964A	/2.061A /1.964A		2.168 - 0.235 .5418 2.068 - 0.226 .5241					4 UNCH 60 UNCH
2475 2500			/1.872A /1.785A	/1.872A /1.785A		1.972 - 0.218 .5067 1.881 - 0.209 .4896					62 UNCH 21 UNCH
2525 2700			/1.702A /1.232A	/1.702A /1.232A		1.794 - 0.201 .4728 1.299 - 0.153 .3680					6 UNCH 325 UNCH
2800 2850			/1.033A /0.945A	/1.033A /0.945A		1.088 - 0.133 .3180 0.999 - 0.124 .2958					60 UNCH
2900 2925			/0.870A /0.835A	/0.870A /0.835A		0.919 - 0.115 .2753 0.881 - 0.112 .2655			1		3 + 1 1 UNCH
2975 3000			/0.771A /0.741A	/0.771A /0.741A		0.813 - 0.103 .2474 0.781 - 0.100 .2388			1		12 UNCH 142 + 1
3050 3100			/0.686A /0.636A /0.591A	/0.686A /0.636A		0.723 - 0.091 .2229 0.670 - 0.084 .2081					1 UNCH 1 UNCH
3150 3200			/0.591A /0.551A /0.514A	/0.591A /0.551A /0.514A		0.622 - 0.077 .1945 0.579 - 0.071 .1820 0.539 - 0.066 .1704					8 UNCH 50 UNCH 12 UNCH
3250 3450			/0.514A /*0.396A /*0.384A	/*0.314A /*0.396A /*0.384A		0.539 - 0.066 .1704 0.413 - 0.048 .1327 0.400 - 0.047 .1287					9 UNCH
3500 4000			/*0.384A /*0.372A /*0.217A	/*0.384A /*0.372A /*0.217A		0.388 - 0.045 .1250 0.222 - 0.025 .0726					1 UNCH 127 UNCH 116 UNCH
4000 5000 6000			/*0.098A	/*0.098A		0.094 - 0.013 .0307 0.049 - 0.008 .0158					26 UNCH 1 UNCH
7000 10000	0.021	0.021	 #0.021/*0.021	 #0.021/*0.021		0.031 - 0.005 .0098 0.016 UNCH .0046			 1		50 UNCH 1 + 1
TOTAL	0.022	0.021	#01021, 01021	01022, 01022		5.525 Silen 100.0			4	0	1257 + 4
DEC23 1875			/5.986A	/5.986A		6.159 - 0.369 .8632					2 UNCH
1900 1925			/5.789A /5.595A	/5.789A /5.595A		5.960 - 0.365 .8532 5.764 - 0.362 .8427					1 UNCH 2 UNCH
1950 2200			/5.406A /3.760A	/5.406A /3.760A		5.573 - 0.358 .8319 3.898 - 0.305 .7018					4 UNCH
2275 2400			/3.359A /2.782A	/3.359A /2.782A		3.485 - 0.287 .6578 2.888 - 0.255 .5834					1 UNCH 1 UNCH
2425 2475			/2.680A /2.488A	/2.680A /2.488A		2.782 - 0.249 .5687 2.582 - 0.237 .5397 2.488 - 0.231 .5256					7 UNCH 50 UNCH
2500 2525			/2.398A /2.311A /2.229A	/2.398A /2.311A /2.229A		2.398 - 0.224 .5118					41 UNCH 8 UNCH 126 UNCH
2550 2600			/2.229A /2.074A /1.932A	/2.229A /2.074A /1.932A		2.311 - 0.219 .4981 2.150 - 0.207 .4718 2.001 - 0.196 .4467					126 UNCH 105 UNCH 150 UNCH
2650 2700 2750			/1.803A /1.684A	/1.803A /1.684A		1.865 - 0.186 .4227 1.741 - 0.176 .4001					1 UNCH 1 UNCH
2800 2900			/1.575A /1.385A	/1.575A /1.385A		1.628 - 0.165 .3788 1.429 - 0.148 .3397					205 UNCH 2 UNCH
3000 3100	1.260	1.260	1.260/1.218A /1.081A	1.260/1.218A /1.081A		1.261 - 0.133 .3052 1.120 - 0.118 .2751			1	125	1869 + 126 14 UNCH
3150 3300			/1.021A /0.867A	/1.021A /0.867A		1.058 - 0.111 .2614 0.897 - 0.093 .2252					1 UNCH 30 UNCH
3500 3600			/0.708A /0.644A	/0.708A /0.644A		0.731 - 0.074 .1865 0.664 - 0.066 .1704					1162 UNCH 60 UNCH
3650 3750			/0.615A /0.562A	/0.615A /0.562A		0.634 - 0.062 .1631 0.579 - 0.056 .1497					2 UNCH 4 UNCH
4000 4500			/*0.456A /*0.318A	/*0.456A /*0.318A		0.469 - 0.043 .1223 0.322 - 0.029 .0849					569 UNCH 2 UNCH
5000 6000			/*0.235A /*0.146A /*0.103A	/*0.235A /*0.146A /*0.103A		0.232 - 0.024 .0615 0.136 - 0.018 .0361 0.091 - 0.013 .0239			350 350		404 + 310 350 + 339
7000 10000	0.040	0.040	0.040/*0.040	0.040/*0.040		0.091 - 0.013 .0239 0.046 - 0.003 .0114			3 704	125	3 UNCH 13 UNCH 5191 + 775
TOTAL SO PUT	-	COMEX SILVER O	PTIONS						704	123	3191 + 773
FEB23 2275						0.000 UNCH					0 UNCH
2290 2300						0.000 UNCH 0.000 UNCH					0 UNCH 0 UNCH
2325 2330						0.000 UNCH 0.000 UNCH					0 UNCH 0 UNCH
2335 2340						0.000 UNCH 0.000 UNCH					0 UNCH 0 UNCH
2350 2355						0.000 UNCH 0.000 UNCH					0 UNCH 0 UNCH
2360 2370						0.000 UNCH 0.000 UNCH					0 UNCH 0 UNCH
2375 2380						0.000 UNCH 0.000 UNCH					0 UNCH 0 UNCH
2385 2390						0.000 UNCH					0 UNCH 0 UNCH
2395 2400						0.000 UNCH					0 UNCH 0 UNCH
2405 2410						0.030 UNCH 0.080 UNCH					0 UNCH 0 UNCH
2415 2420						0.130 UNCH 0.180 UNCH					0 UNCH 0 UNCH
2425 2430						0.230 UNCH 0.280 UNCH 0.330 UNCH					0 UNCH 0 UNCH 0 UNCH
2435 2440 2445						0.330 UNCH 0.380 UNCH 0.430 UNCH					0 UNCH 0 UNCH 0 UNCH
2445 2450 2455						0.430 UNCH 0.480 UNCH 0.530 UNCH					0 UNCH 0 UNCH 0 UNCH
						ND IS FURNISHED WITHOUT R					

METALS OPTIONS PRODUCTS

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PG64	BULLET	IN # 18@		M	TINAL SETALS OPTION PI	RODUCTS				Fri,	Jan 27	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX®		OPEN INTEREST
SO PU	Т	COMEX SILVER O	PTIONS									
FEB23 2460 2465						0.580 UNC 0.630 UNC						0 UNCH 0 UNCH
2470 2475						0.680 UNG 0.730 UNG	CH					0 UNCH 0 UNCH
2480 2485						0.780 UNC 0.830 UNC 0.880 UNC	CH					0 UNCH 0 UNCH 0 UNCH
2490 2495 2500						0.930 UNG 0.980 UNG	CH					0 UNCH 0 UNCH
2505 2510						1.030 UNG 1.080 UNG	CH					0 UNCH 0 UNCH
2515 2520 2525						1.130 UNC 1.180 UNC 1.230 UNC	CH					0 UNCH 0 UNCH 0 UNCH
2530 2535						1.280 UNG 1.330 UNG	CH					0 UNCH 0 UNCH
2540 2545						1.380 UNG 1.430 UNG 1.480 UNG	CH					0 UNCH 0 UNCH 0 UNCH
2550 2560 2565						1.580 UNG 1.630 UNG	CH					0 UNCH 0 UNCH
2570 2575						1.680 UNG 1.730 UNG	CH					0 UNCH 0 UNCH
2595 2600 2625						1.930 UNG 1.980 UNG 2.230 UNG	CH					0 UNCH 0 UNCH 0 UNCH
2650 2675						2.480 UNG 2.730 UNG	CH					0 UNCH 0 UNCH
2700 2750 2800						2.980 UNC 3.480 UNC 3.980 UNC	CH					0 UNCH 0 UNCH 0 UNCH
2850 2925						4.480 UNG 5.230 UNG	CH					0 UNCH 0 UNCH
3125 3200						7.230 UNG 7.980 UNG					 0	0 UNCH 0 UNCH 0 0
TOTAL MAR23											U	0 0
775 800						0.001 UNC	CH					1 UNCH 21 UNCH
900 1000 1050			 			0.001 UNC 0.001 UNC 0.001 UNC	CH					1 UNCH 2 UNCH 1 UNCH
1100 1150						0.001 UNG 0.001 UNG	CH					22 UNCH 1 UNCH
1175 1200 1225						0.001 UNC 0.001 UNC 0.001 UNC	CH					5 UNCH 19 UNCH 230 UNCH
1250 1300						0.001 UNC 0.001 UNC	CH					11 UNCH 245 UNCH
1325 1350						0.001 UNC 0.001 UNC	ОООО. НС					2 UNCH 9 UNCH
1375 1400 1425						0.001 UNC 0.001 UNC 0.001 UNC	ОООО. НС					5 UNCH 217 UNCH 6 UNCH
1450 1475						0.001 UNG 0.001 UNG	CH .0001 CH .0002					92 UNCH 5 UNCH
1500 1525 1550						0.001 UNC 0.001 UNC 0.001 UNC	сн .0005					434 UNCH 12 UNCH 259 UNCH
1575 1600			0.002B/	0.002B/		0.002 + 0.00 0.002 UNG	01 .0016					14 UNCH 34 UNCH
1625 1650	0.004	 0.004	 0.004/*0.004	 0.004/*0.004		0.002 UNC 0.002 UNC	сн .0018			 3		168 UNCH 60 UNCH 14 - 1
1675 1700 1725						0.003 UNC 0.003 UNC 0.004 + 0.00	сн .0028			2		391 - 2 37 UNCH
1750 1775						0.004 UNC 0.005 + 0.00	01 .0048					138 UNCH 5 UNCH 770 UNCH
1800 1825 1850	0.005	0.005	 0.006B/*0.005	0.006B/*0.005		0.005 UNG 0.006 UNG 0.007 UNG	сн .0062			 1		770 UNCH 56 UNCH 59 - 1
1875 1900	0.009 0.008	0.009 0.008	0.009/0.008A 0.009B/0.008	0.009/0.008A 0.009B/0.008		0.008 UNC 0.010 + 0.00	СН .0086 01 .0108			1 1		286 UNCH 197 + 1
1910 1915 1920						$ \begin{array}{r} 0.011 + 0.00 \\ 0.011 + 0.00 \\ 0.011 + 0.00 \end{array} $	01 .0120					1 UNCH 6 UNCH 2 UNCH
1925 1930						0.012 + 0.00 0.012 + 0.00	02 .0131 01 .0133					54 UNCH 2 UNCH
1935 1940						0.013 + 0.00 0.013 + 0.00 0.014 + 0.00	01 .0144					4 UNCH 13 UNCH 2 UNCH
1945 1950 1955	0.016	0.016	0.016/0.016	0.016/0.016		0.014 + 0.00 0.015 + 0.00	02 .0156			9		465 + 4 18 UNCH
1960 1965			0.014B/ 0.015B/	0.014B/ 0.015B/		0.015 + 0.00 0.016 + 0.00	02 .0179					19 UNCH 6 UNCH
1970 1975 1980	0.018	0.018	0.015B/ 0.018/0.018 0.017B/	0.015B/ 0.018/0.018 0.017B/		0.017 + 0.00 0.018 + 0.00 0.018 + 0.00	03 .0201			3		24 UNCH 33 - 1 3 UNCH
1985 1990			0.018B/ 0.019B/	0.018B/ 0.019B/		0.019 + 0.00 0.020 + 0.00	03 .0214 03 .0225					1 UNCH 4 UNCH
1995 2000 2005	0.020	0.020	0.020B/ 0.021B/0.018 0.022B/	0.020B/ 0.021B/0.018 0.022B/		0.021 + 0.00 0.022 + 0.00 0.023 + 0.00	04 .0247			28		3 UNCH 487 UNCH 1 UNCH
2010 2015			0.024B/ 0.025B/	0.024B/ 0.025B/		0.024 + 0.00 0.025 + 0.00	04 .0270 04 .0282					7 UNCH 1 UNCH
2020 2025 2030			0.026B/ 0.028B/ 0.029B/	0.026B/ 0.028B/ 0.029B/		0.026 + 0.00 0.027 + 0.00 0.029 + 0.00	04 .0306					2 UNCH 47 UNCH 7 UNCH
2035 2040			0.031B/ 0.033B/	0.031B/ 0.033B/		0.030 + 0.00 0.032 + 0.00	05 .0339 06 .0359					1 UNCH 2 UNCH
2045 2050 2055	0.031	0.031	0.035B/ 0.037B/0.031 0.039B/0.029A	0.035B/ 0.037B/0.031 0.039B/0.029A		0.033 + 0.00 0.035 + 0.00 0.037 + 0.00	06 .0393			27 		4 UNCH 111 + 9 15 UNCH
2060 2065	0.029	0.029	0.042B/0.029 0.044B/	0.042B/0.029 0.044B/		0.039 + 0.00 0.041 + 0.00	08 .0436			2		9 UNCH 168 UNCH
2070 2075			0.047B/ 0.049B/ 0.053B/	0.047B/ 0.049B/ 0.053B/		0.043 + 0.00 0.045 + 0.00 0.047 + 0.00	09 .0501					22 UNCH 167 UNCH 5 UNCH
2080 2085 2090			0.056B/ 0.059B/	0.056B/ 0.059B/		0.050 + 0.01 0.053 + 0.01	10 .0553					16 UNCH 17 UNCH
2095 2100	0.053	0.053	0.063B/0.043A 0.066B/0.045A	0.063B/0.043A 0.066B/0.045A		0.055 + 0.01 $0.059 + 0.01$	13 .0645			76		20 UNCH 2119 + 28
2105 2110 2115			0.070B/ 0.075B/ 0.079B/	0.070B/ 0.075B/ 0.079B/		0.062 + 0.01 0.065 + 0.01 0.069 + 0.01	14 .0707			1 		16 UNCH 10 UNCH 22 UNCH
2120 2125			0.084B/ 0.089B/	0.084B/ 0.089B/		0.073 + 0.01 0.077 + 0.01	17 .0784 18 .0823			50 10		201 + 50 69 UNCH
2130 2135 2140			0.094B/ 0.100B/0.065A 0.106B/	0.094B/ 0.100B/0.065A 0.106B/		$ \begin{array}{r} 0.082 + 0.02 \\ 0.086 + 0.02 \\ 0.091 + 0.02 \end{array} $.0909			1 		18 - 1 8 UNCH 20 UNCH
2145 2150	0.100	0.100	0.112B/0.071A 0.120B/0.076A	0.112B/0.071A 0.120B/0.076A		0.096 + 0.02 0.102 + 0.02	23 .1002 25 .1055			13		8 UNCH 645 – 8
2155 2160			0.125B/0.080A 0.132B/0.084A 0.139B/0.088A	0.125B/0.080A 0.132B/0.084A 0.139B/0.088A		$ \begin{array}{r} 0.107 + 0.02 \\ 0.113 + 0.02 \\ 0.120 + 0.03 \end{array} $	27 .1155					38 UNCH 17 UNCH 12 UNCH
2165 2170 2175	0.147	0.147	0.147/0.093A 0.155B/0.096A	0.147/0.093A 0.155B/0.096A		0.126 + 0.03 0.133 + 0.03	31 .1269 33 .1329			2 6		17 UNCH 350 - 6
2180 2185	0.142		0.164B/0.101A 0.173B/0.106A	0.164B/0.101A 0.173B/0.106A		0.140 + 0.03 0.148 + 0.03	34 .1389 36 .1455			1		49 UNCH 8 UNCH
2190 2195 2200	0.142 0.144	0.142 0.144	0.183B/0.112A 0.192B/0.118A 0.203B/0.124A	0.183B/0.112A 0.192B/0.118A 0.203B/0.124A		0.156 + 0.03 0.164 + 0.04 0.172 + 0.04	40 .1588			2 490		24 + 2 33 UNCH 1538 + 470
2205 2210	0.182	0.182	0.213B/0.130A 0.225B/0.137A	0.213B/0.130A 0.225B/0.137A		$ \begin{array}{r} 0.181 + 0.04 \\ 0.191 + 0.04 \end{array} $	44 .1727 47 .1803			2		3 UNCH 15 - 1
2215 2220 2225	0.195	 0.195	0.236B/0.144A 0.248B/0.150A 0.261B/0.158A	0.236B/0.144A 0.248B/0.150A 0.261B/0.158A		$ \begin{array}{r} 0.200 + 0.04 \\ 0.210 + 0.05 \\ 0.221 + 0.05 \end{array} $	51 .1953			 9		10 UNCH 14 UNCH 124 + 2
			ITS PEROPT TS COMPTI									

METALS OPTIONS PRODUCTS

Side 33

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Customer Service: (312) 930-1000 FINAL

PG64	BULLET	ΓΙΝ # 18@			METALS OPTION P	PRODUCTS			Fri.	Jan 27,	2023	PG64
1 00 1	GLOBEX	OPEN OUTCRY	GLOBEX	OPEN OUTCRY	OPEN OUTCRY	SETT.PRICE	EXER	OPEN OUTCRY	GLOBEX®			OPEN
	OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE. DELTA	CISES	VOLUME	VOLUME	VOLUME	INTER	REST
SO PU		COMEX SILVER	OPTIONS									
2230 2235			0.274B/0.166A 0.288B/0.174A	0.274B/0.166A 0.288B/0.174A		0.232 + 0.056 .2117 0.243 + 0.058 .2200			<u>1</u>		88 31 +	UNCH 1
2240 2245	0.224	0.224 0.236	0.302B/0.183A 0.317B/0.192A	0.302B/0.183A 0.317B/0.192A		0.255 + 0.061 .2286 0.268 + 0.065 .2377					12 + 25	UNCH
2250 2255 2260	0.236	0.236 	0.332B/0.201A 0.348B/0.211A 0.363B/0.220A	0.332B/0.201A 0.348B/0.211A 0.363B/0.220A		0.281 + 0.068 .2467 0.294 + 0.070 .2558 0.308 + 0.074 .2653			43 1		958 - 15 28 -	UNCH 1
2265 2270			0.380B/0.230A 0.397B/0.241A	0.380B/0.230A 0.397B/0.241A		0.322 + 0.076 .2747 0.337 + 0.080 .2845			- 1		13 25 -	UNCH 1
2275 2280	0.271	0.271	0.416B/0.253A 0.434B/0.265A	0.416B/0.253A 0.434B/0.265A		0.353 + 0.084 .2946 0.369 + 0.087 .3046					283 + 74	UNCH
2285 2290			0.453B/0.277A 0.473B/0.290A 0.494B/0.303A	0.453B/0.277A 0.473B/0.290A 0.494B/0.303A		0.386 + 0.091 .3150 0.403 + 0.094 .3253 0.421 + 0.098 .3359			3 1 1		39 54 - 25	UNCH 1 UNCH
2295 2300 2305	0.343 0.420	0.343 0.420	0.520/0.318A 0.537B/0.331A	0.520/0.318A 0.537B/0.331A		0.440 + 0.102 .3466 0.459 + 0.106 .3574			43 4 3		556 + 9 +	20
2310 2315	0.551 0.481	0.551 0.481	0.559B/0.347A 0.583B/0.362A	0.559B/0.347A 0.583B/0.362A		0.479 + 0.111 .3683 0.499 + 0.114 .3792			2 6		15 - 13 +	1 6
2320 2325	0.500	0.500	0.606B/0.378A 0.631B/0.394A 0.655B/0.411A	0.606B/0.378A 0.631B/0.394A 0.655B/0.411A		0.520 + 0.118 .3903 0.542 + 0.123 .4014 0.564 + 0.127 .4126			9 1		28 121 + 26 +	UNCH 7
2330 2335 2340	0.578 0.583	0.578 0.583	0.681B/0.428A 0.707B/0.447A	0.681B/0.428A 0.707B/0.447A		0.587 + 0.132 .4238 0.610 + 0.136 .4350			8		18 + 62 +	4
2345 2350	0.620 0.620	0.620 0.620	0.733B/0.465A 0.761B/0.483A	0.733B/0.465A 0.761B/0.483A		0.634 + 0.140 .4462 0.659 + 0.145 .4575			11 199		17 + 324 +	33
2355 2360	0.580 0.707	0.580 0.707	0.789B/0.504A 0.817B/0.524A 0.846B/0.544A	0.789B/0.504A 0.817B/0.524A 0.846B/0.544A		0.684 + 0.149 .4688 0.710 + 0.154 .4800			46 30		319 112 +	UNCH 30
2365 2370 2375	0.740 0.720	0.740 0.720	0.876/0.566A 0.906B/0.588A	0.846B/0.544A 0.876/0.566A 0.906B/0.588A		0.736 + 0.158 .4912 0.763 + 0.162 .5024 0.790 + 0.166 .5135			3 167 15		27 142 + 178 +	UNCH 127 5
2380 2385			0.937B/0.612A 0.968B/0.653A	0.937B/0.612A 0.968B/0.653A		0.818 + 0.170 .5246 0.847 + 0.175 .5355			30		39 + 21	30 UNCH
2390 2395			1.000B/0.675A 1.031B/0.700A	1.000B/0.675A 1.031B/0.700A		0.876 + 0.180 .5465 0.906 + 0.184 .5573			50 		162 + 90	43 UNCH
2400 2405 2410	0.695	0.695	1.065B/0.695 1.097B/0.751A 1.131B/0.777A	1.065B/0.695 1.097B/0.751A 1.131B/0.777A		0.936 + 0.188 .5681 0.967 + 0.193 .5787 0.998 + 0.197 .5893			24 2 		259 + 5 43	UNCH UNCH
2415 2420			1.165B/0.805A 1.202B/0.832A	1.165B/0.805A 1.202B/0.832A		1.029 + 0.200 .5998 1.062 + 0.205 .6102					32 60	UNCH UNCH
2425 2430	1 126	 1 126	1.237B/0.841A 1.271B/0.888A	1.237B/0.841A 1.271B/0.888A		1.095 + 0.210 .6204 1.128 + 0.214 .6303			29		78 59 +	UNCH 29
2435 2440 2445	1.126	1.126 	1.309B/0.917A 1.345B/0.948A 1.369B/0.978A	1.309B/0.917A 1.345B/0.948A 1.369B/0.978A		1.162 + 0.218 .6402 1.196 + 0.222 .6501 1.231 + 0.226 .6597			2 		5 + 6 7	UNCH UNCH
2450 2455	1.079 1.313	1.079 1.313	1.421B/0.986A 1.444B/1.040A	1.421B/0.986A 1.444B/1.040A		1.266 + 0.230 .6693 1.301 + 0.233 .6785			3		62 - 18 +	1 3
2460 2465	1.140 1.255	1.140 1.255	1.482B/1.071A 1.520B/1.103A	1.482B/1.071A 1.520B/1.103A		1.337 + 0.237 .6878 1.374 + 0.241 .6967			13 4		6 - 5 +	9
2470 2475 2480			1.559B/1.136A 1.613B/1.169A 1.639B/1.202A	1.559B/1.136A 1.613B/1.169A 1.639B/1.202A		1.411 + 0.245 .7056 1.448 + 0.248 .7144 1.486 + 0.252 .7229					5 3 3	UNCH UNCH UNCH
2485 2490			1.679B/1.236A 1.719B/1.271A	1.679B/1.236A 1.719B/1.271A		1.524 + 0.256 .7310 1.563 + 0.260 .7394					3	UNCH
2495 2500	1.680	1.680	1.760B/1.305A 1.816B/1.341A	1.760B/1.305A 1.816B/1.341A		1.602 + 0.263 .7471 1.641 + 0.266 .7551			1		8 39 + 5	UNCH 1
2505 2510			1.842B/1.376A 1.884B/1.413A 1.899B/1.449A	1.842B/1.376A 1.884B/1.413A 1.899B/1.449A		1.681 + 0.270 .7626 1.721 + 0.273 .7702 1.761 + 0.276 .7773					5 4 8	UNCH UNCH UNCH
2515 2520 2525			1.942B/ 2.026B/	1.942B/ 2.026B/		1.802 + 0.279 .7847 1.843 + 0.283 .7913					4 2	UNCH
2530 2535			2.027B/ 2.071B/	2.027B/ 2.071B/		1.885 + 0.286 .7983 1.926 + 0.289 .8048					5 2	UNCH
2550 2560	2.020	2.020	2.245B/2.020 2.291B/ 2.336B/	2.245B/2.020 2.291B/ 2.336B/		2.053 + 0.298 .8236 2.139 + 0.303 .8354 2.183 + 0.307 .8406			1 		8 - 3 8	UNCH UNCH
2565 2570 2575	2.132	2.132	2.380B/ 2.380B/ 2.470B/2.132	2.380B/ 2.380B/ 2.470B/2.132		2.183 + 0.307 .8406 2.226 + 0.309 .8459 2.270 + 0.311 .8511					1 6 +	UNCH 3
2590 2595			2.562B/ 2.608B/	2.562B/ 2.608B/		2.403 + 0.319 .8661 2.448 + 0.321 .8706					3 9	UNCH UNCH
2600 2610	2.308	2.308 2.532	2.697B/2.308 2.643B/	2.697B/2.308 2.643B/		2.493 + 0.323 .8751 2.584 + 0.328 .8835			3 		6 - 1	UNCH
2625 2650 2675	2.532	2.332	2.929B/2.532 3.165B/ 3.403B/	2.929B/2.532 3.165B/ 3.403B/		2.721 + 0.334 .8956 2.953 + 0.343 .9121 3.189 + 0.351 .9261			1 		7 + 16 5	UNCH UNCH
2700 2725			3.644B/ 3.886B/	3.644B/ 3.886B/		3.427 + 0.357 .9375 3.668 + 0.363 .9470					15 3	UNCH
2750 2775			3.955B/ 4.060B/	3.955B/ 4.060B/		3.910 + 0.368 .9547 4.154 + 0.372 .9612					4 2 12	UNCH
2800 2825 2850			4.209B/	4.209B/ 		4.399 + 0.376 .9667 4.646 + 0.380 .9703 4.892 + 0.382 .9738					4	UNCH UNCH UNCH
2875 2900						5.140 + 0.386 .9771 5.388 + 0.388 .9795					2 7 1	UNCH UNCH
2925 2950						5.636 + 0.390 .9818 5.884 + 0.391 .9840					5 1	UNCH
2975 3000 3025						6.133 + 0.392 .9853 6.381 + 0.393 .9873 6.630 + 0.393 .9885					3 7 1	UNCH UNCH UNCH
3050 3075						6.879 + 0.394 .9905 7.129 + 0.395 .9916					3 1	UNCH UNCH
3100 3125						7.378 + 0.395 .9926 7.628 + 0.396 .9937					4 7	UNCH
3150 3175 3200						7.878 + 0.397 .9947 8.128 + 0.397 .9957 8.378 + 0.397 .9958					4 4 1	UNCH UNCH UNCH
3225 3250						8.628 + 0.398 .9968 8.878 + 0.398 .9969					4 6	UNCH UNCH
3275 3300						9.128 + 0.398 .9979 9.378 + 0.398 .9979 9.628 + 0.398 .9979					6 2 1	UNCH UNCH UNCH
3325 3375 3400			 			9.628 + 0.398 .9979 10.128 + 0.398 .9990 10.378 + 0.398 .9992					1	UNCH UNCH UNCH
3425 3450						10.628 + 0.398 .9994 10.878 + 0.398 .9996					2 2 3	UNCH UNCH
3475 3525						11.128 + 0.398 .9997 11.628 + 0.398 .9999 11.878 + 0.398 .0000					1 2 3	UNCH UNCH UNCH
3550 3575 3625			 			11.878 + 0.398 .0000 12.128 + 0.398 .0000 12.628 + 0.398 .0000					1 2	UNCH UNCH UNCH
3650 3675						12.878 + 0.398 .0000 13.128 + 0.398 .0000					1 1	UNCH UNCH
4000 TOTAL						16.378 + 0.398 .0000			1912	0	1 15877 +	UNCH 885
APR23 1100						0.001 UNCH .0000					3	UNCH
1200 1250						0.001 UNCH .0002 0.001 UNCH .0004					1 8	UNCH UNCH
1300 1325						0.002 UNCH .0011 0.002 UNCH .0011					18 3 1	UNCH
1350 1425 1450						0.002 UNCH .0012 0.004 + 0.001 .0024 0.004 UNCH .0024					9 9	UNCH UNCH UNCH
1475 1500			0.006B/	0.006B/		0.005 UNCH .0031 0.005 UNCH .0032					2 47	UNCH UNCH
1525 1550						0.006 UNCH .0038 0.007 UNCH .0045					5 37	UNCH UNCH
1575 1600 1625						0.008 UNCH .0052 0.009 UNCH .0059 0.010 UNCH .0067					8 16 7	UNCH UNCH UNCH
1625 1650 1675						0.010 UNCH .0067 0.012 UNCH .0080 0.013 UNCH .0089					12 111	UNCH
1700 1725						0.015 UNCH .0103 0.017 + 0.001 .0118					94 6	UNCH UNCH
1750 1775 1800	0.019	0.019	0.019/*0.019	0.019/*0.019		0.020 + 0.002 .0139 0.023 + 0.003 .0162 0.026 + 0.003 .0185			1		12 12 + 25	UNCH 1 UNCH
1825			0.028B/	0.028B/		0.031 + 0.004 .0220					11	UNCH
THE I			HIS REPORT IS COMPI			AND IS FURNISHED WITHOUT RE				I UK CUNT	int. II	

METALS OPTIONS PRODUCTS

Side 34







Customer Service: (312) 930-1000 FINAL

PG64	BULLET	IN # 18@		М	ETALS OPTION F	PRODUCTS			ODEN	Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN EREST
SO PU APR23		COMEX SILVER O											
1850 1875 1900			0.033B/ 0.039B/ 0.047B/	0.033B/ 0.039B/ 0.047B/		0.036 + 0.004 0.042 + 0.004 0.049 + 0.006	.0300			 1		24 13 614 +	UNCH UNCH 1
1925 1950	0.063	0.063	0.057B/ 0.068B/0.063	0.057B/ 0.068B/0.063		0.057 + 0.007 0.068 + 0.010	.0408			 5		11 24	UNCH
1975 2000 2025	0.073	0.073	0.083B/0.073 0.100B/ 0.121B/	0.083B/0.073 0.100B/ 0.121B/		0.081 + 0.013 0.097 + 0.013 0.115 + 0.020	.0675			1 1 		16 697 + 15	UNCH 1 UNCH
2050 2075	0.128	0.128	0.146B/0.128 0.176B/ 0.211B/0.160A	0.146B/0.128 0.176B/		0.138 + 0.024 0.164 + 0.028	.0933 .1090			3 1		22 + 27 +	3 1
2100 2125 2150	0.173 0.270	0.173 0.270	0.211B/0.160A 0.254B/0.190A 0.302B/0.222A	0.211B/0.160A 0.254B/0.190A 0.302B/0.222A		0.196 + 0.034 0.233 + 0.040 0.277 + 0.043	.1480			10 6		607 + 66 128 +	1 UNCH 6
2165 2175			0.335B/0.246A 0.359B/0.263A 0.371B/0.272A	0.335B/0.246A 0.359B/0.263A 0.371B/0.272A		0.307 + 0.053 0.328 + 0.056 0.340 + 0.059	.1969			6 		1 11 + 2	UNCH 4 UNCH
2180 2190 2195			0.397B/0.290A 0.411B/0.300A	0.397B/0.290A 0.411B/0.300A		0.363 + 0.063 0.375 + 0.063	.2136					2 1	UNCH
2200 2205 2210	0.350	0.350	0.424B/0.310A 0.439B/0.320A 0.453B/0.330A	0.424B/0.310A 0.439B/0.320A 0.453B/0.330A		0.387 + 0.069 0.400 + 0.069 0.413 + 0.073	.2309			13 		667 + 43 5	UNCH UNCH
2215 2220			0.468B/0.341A 0.483B/0.352A	0.468B/0.341A 0.483B/0.352A		0.427 + 0.074 0.441 + 0.076	.2430					13 103	UNCH UNCH
2225 2230 2245			0.499B/0.362A 0.515B/0.374A 0.563B/0.410A	0.499B/0.362A 0.515B/0.374A 0.563B/0.410A		0.455 + 0.078 0.469 + 0.080 0.515 + 0.088	.2615					34 1 7	UNCH UNCH UNCH
2250 2255	0.519	0.519	0.581B/0.423A 0.599B/0.437A	0.581B/0.423A 0.599B/0.437A		0.531 + 0.090 0.547 + 0.092	.2875 2 .2941					139	UNCH
2260 2265 2270			0.617B/0.451A 0.636B/0.464A 0.655B/0.479A	0.617B/0.451A 0.636B/0.464A 0.655B/0.479A		0.564 + 0.098 0.581 + 0.098 0.599 + 0.103	.3076			3 		4 + 1 1	UNCH UNCH
2275 2280			0.675B/0.494A 0.695B/0.509A	0.675B/0.494A 0.695B/0.509A		0.617 + 0.103 0.635 + 0.106	.3284					10 11 5	UNCH UNCH
2285 2290 2295			0.716B/0.523A 0.737B/0.539A 0.758B/0.555A	0.716B/0.523A 0.737B/0.539A 0.758B/0.555A 0.780B/0.572A		0.673 + 0.113 0.693 + 0.113	.3425					5 1	UNCH UNCH UNCH
2300 2310 2315			0.780B/0.572A 0.825B/0.606A 0.847B/0.624A	0.780B/0.572A 0.825B/0.606A 0.847B/0.624A		0.713 + 0.118 0.754 + 0.123 0.775 + 0.126	.3712					222 3 10	UNCH UNCH UNCH
2320 2325			0.870B/0.642A 0.894B/0.661A	0.870B/0.642A 0.894B/0.661A		0.797 + 0.129 0.819 + 0.132	3857					1 54	UNCH
2330 2340 2345	0.890	 0.890	0.918B/0.680A 0.968B/0.719A 0.993B/0.739A	0.918B/0.680A 0.968B/0.719A 0.993B/0.739A		0.841 + 0.135 0.887 + 0.147 0.911 + 0.144	.4150			1 2 5		6 + 3 + 14 +	1 2 5
2350 2355	0.806	0.806	1.019B/0.760A 1.045B/0.781A	1.019B/0.760A 1.045B/0.781A		0.935 + 0.147 0.960 + 0.157	.4298 .4372			10		125 + 23	8 UNCH
2360 2365 2370			1.072B/0.802A 1.099B/0.824A 1.126B/0.846A	1.072B/0.802A 1.099B/0.824A 1.126B/0.846A		0.985 + 0.156 1.010 + 0.156 1.036 + 0.160	.4519					2 4 2	UNCH UNCH UNCH
2375 2380			1.154B/0.868A 1.182B/0.890A	1.154B/0.868A 1.182B/0.890A		1.062 + 0.163 1.088 + 0.163	.4666					215	UNCH UNCH
2385 2390 2395	1.063	1.063	1.211B/0.914A 1.240B/0.938A 1.269B/0.962A	1.211B/0.914A 1.240B/0.938A 1.269B/0.962A		$ \begin{array}{r} 1.115 + 0.169 \\ 1.142 + 0.179 \\ 1.170 + 0.179 \end{array} $.4886			1		9 200 7	UNCH UNCH UNCH
2400 2405	1.243	1.243	1.299B/0.986A 1.329B/1.038A 1.360B/1.059A	1.299B/0.986A 1.329B/1.038A		1.198 + 0.178 1.227 + 0.183	3 .5031 L .5103			7 		260 - 2 5	2 UNCH
2410 2415 2420			1.391B/1.089A 1.422B/1.120A	1.360B/1.059A 1.391B/1.089A 1.422B/1.120A		1.255 + 0.184 1.285 + 0.183 1.314 + 0.190	.5245					1 160	UNCH UNCH UNCH
2425 2430			1.453B/ 1.485B/ 1.518B/	1.453B/ 1.485B/ 1.518B/		1.344 + 0.193 1.374 + 0.196 1.405 + 0.199	.5457					23 3 2	UNCH UNCH UNCH
2435 2440 2450			1.550B/ 1.617B/	1.550B/ 1.617B/		1.436 + 0.207 1.499 + 0.208	.5596 .5733					11 37	UNCH UNCH
2455 2475 2495			1.648B/1.315A 1.788B/1.423A 1.928B/1.548A	1.648B/1.315A 1.788B/1.423A 1.928B/1.548A		1.531 + 0.213 1.663 + 0.223 1.799 + 0.233	.6065					7 6 6	UNCH UNCH UNCH
2500 2510	1.768	1.768	1.968B/1.580A 2.039B/1.645A	1.968B/1.580A 2.039B/1.645A		1.834 + 0.236 1.905 NEV	.6382 .6502			4		2 4 +	UNCH 4
2525 2530 2535	1.948	 1.948	2.155B/1.744A 2.133B/1.778A 2.171B/1.812A	2.155B/1.744A 2.133B/1.778A 2.171B/1.812A		2.013 + 0.249 2.050 + 0.252 2.087 + 0.254	.6738			 4		3 3 5 +	UNCH UNCH 4
2540 2545			2.210B/1.847A 2.248B/1.881A	2.210B/1.847A 2.248B/1.881A		2.124 + 0.257 2.162 + 0.260	7 .6851 0 .6908					1	UNCH UNCH
2550 2560 2575	2.127	2.127	2.349B/1.916A 2.368B/1.987A 2.549B/2.095A	2.349B/1.916A 2.368B/1.987A 2.549B/2.095A		2.200 + 0.262 2.276 NEV 2.393 + 0.274	.7070			4 		2 4 + 2	UNCH 4 UNCH
2600 2625			2.753B/2.279A 2.966B/	2.753B/2.279A 2.966B/		2.591 + 0.285 2.796 + 0.296	.7468					4 1	UNCH UNCH
2650 2675 2700			3.181B/ 3.399B/ 3.621B/	3.181B/ 3.399B/ 3.621B/		3.005 + 0.305 3.218 + 0.314 3.436 + 0.327	.8088					1 2 1	UNCH UNCH UNCH
2750 2800			4.073B/ 4.537B/ 4.772B/	4.073B/ 4.537B/ 4.772B/		3.882 + 0.337 4.338 + 0.348 4.570 + 0.353	.8807					1 1 2	UNCH UNCH UNCH
2825 2850 2875			5.008B/ 5.245B/	5.008B/ 5.245B/		4.804 + 0.358 5.039 + 0.368	.9010 .9097					2 1	UNCH UNCH
2900 2925 2950			5.484B/ 5.724B/ 5.965B/	5.484B/ 5.724B/ 5.965B/		5.276 + 0.368 5.514 + 0.368 5.754 + 0.373	.9245					1 2 1	UNCH UNCH UNCH
3000 3050	6.065	6.065	6.449B/5.995A 6.766B/	6.449B/5.995A 6.766B/		6.236 NEV 6.722 + 0.380	.9421 .9514			2		2 +	2 UNCH
3075 3100 3125	6.793 	6.793 	6.900B/6.722A 	6.900B/6.722A 		6.966 NEV 7.211 + 0.384 7.456 + 0.389	.9588			2 		2 + 2 2	UNCH UNCH
3175 3200						7.948 + 0.388 8.194 + 0.388	.9677 .9698					2 2 1	UNCH UNCH
3400 TOTAL	-					10.180 + 0.396	.9030			96	0	5282 +	UNCH 53
MAY23 800 850						0.001 UNCH 0.001 UNCH	.0000					1 15	UNCH
1100 1300	0.002 0.004	0.002 0.004	0.002/*0.002 0.004/*0.004	0.002/*0.002 0.004/*0.004		0.001 - 0.003 0.005 UNC	.0005 .0026			1 2		3 233 -	UNCH 1
1325 1375 1400						0.006 UNCF 0.008 + 0.003 0.009 + 0.003	.0042 .0047					1 1 7	UNCH UNCH UNCH
1475 1500	0.010	0.010 	0.010/*0.010 	0.010/*0.010 		0.013 + 0.003 0.015 + 0.003	.0081			2		227 1004	UNCH UNCH UNCH
1525 1550 1575						0.018 + 0.007 0.020 + 0.007	2 .0100					215 40 19	UNCH UNCH
1600 1625 1650						0.023 + 0.003 0.026 + 0.004 0.029 + 0.004	.0146					2005 102 71	UNCH UNCH UNCH
1675 1700						0.031 + 0.003 0.035 + 0.003	3 .0179 3 .0203			1		119 1006	UNCH
1725 1750 1775	0.041	0.041	0.041/*0.041 0.048B/	0.041/*0.041 0.048B/		0.039 + 0.003 0.044 + 0.004 0.050 + 0.004	.0259			1 3		29 + 126 + 17	1 3 UNCH
1800 1825	0.051	0.051 	0.056B/*0.051 0.065B/	0.056B/*0.051 0.065B/		0.058 + 0.000 0.067 + 0.000	.0341 .0392			6 		111 - 12	1 UNCH
1850 1875 1900			0.075B/ 0.089B/ 0.103B/	0.075B/ 0.089B/ 0.103B/		0.076 + 0.008 0.087 + 0.009 0.100 + 0.010	.0508					21 147 53 +	UNCH UNCH 4
1925 1950			0.120B/ 0.140B/ 0.163B/	0.120B/ 0.140B/ 0.163B/		0.116 + 0.013 0.135 + 0.016 0.157 + 0.020	.0667			1 1		5 7 15 +	UNCH UNCH 1
1975 2000 2025	0.162	0.162	0.190B/0.162 0.222B/0.182A	0.190B/0.162 0.222B/0.182A		0.183 + 0.025 0.212 + 0.025	.1008			13 		171 + 1	11 UNCH
2050 2075 2100	0.226 0.254 0.298	0.226 0.254 0.298	0.258B/0.208A 0.300B/0.240A 0.348B/0.275A	0.258B/0.208A 0.300B/0.240A 0.348B/0.275A		0.246 + 0.036 0.284 + 0.042 0.328 + 0.049	.1479			1 15 16		11 + 27 + 18 -	1 13 5
2125 2150	0.395	0.395	0.402B/0.316A 0.463B/0.361A	0.402B/0.316A 0.463B/0.361A		0.378 + 0.057 0.435 + 0.066	.1877 .2103			36		5 49 -	UNCH 2
2175 2200	0.525	0.525	0.532B/0.412A 0.609B/0.471A	0.532B/0.412A 0.609B/0.471A	 	0.498 + 0.076 0.569 + 0.086 AND IS FURNISHED WI	.2598			24		70 34 +	UNCH 16

METALS OPTIONS PRODUCTS

Side 35

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





PG64	BULLET	IN # 18@			METALS OPTION P	RODUCTS			Fri,	Jan 27,	2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
SO PU		COMEX SILVER (,	iizaii, zaii	C2002 10 1102	4	01010	7020.12		7020.12	
MAY23 2225 2245 2250 2275	0.697 0.841	0.697 0.841	0.691B/0.535A #0.697/*0.697 0.785B/0.608A 0.886B/0.689A 0.998B/0.777A	0.691B/0.535A #0.697/*0.697 0.785B/0.608A 0.886B/0.689A 0.998B/0.777A	 	0.648 + 0.098 .2867 0.717 NEW .3090 0.736 + 0.111 .3148 0.831 + 0.123 .3436 0.935 + 0.135 .3732			 2 2 152		30 UNCH 2 + 2 124 UNCH 13 + 2 189 + 141
2300 2325 2350 2375	1.202	1.202	1.117B/0.874A 1.245B/0.979A 1.382B/1.092A	1.117B/0.874A 1.245B/0.979A 1.382B/1.092A		1.048 + 0.149 .4032 1.169 + 0.162 .4334 1.298 + 0.174 .4635			133 133 20		5 UNCH 107 + 105 22 - 1
2400 2425 2450	1.402	1.402	1.526B/1.215A 1.679B/1.371A 1.839B/1.510A	1.526B/1.215A 1.679B/1.371A 1.839B/1.510A		1.436 + 0.188 .4933 1.581 + 0.200 .5224 1.734 + 0.212 .5509			2 152		130 - 2 5 UNCH 183 + 146
2475 2500 2525			2.007B/1.656A 2.181B/1.810A 2.362B/1.971A	2.007B/1.656A 2.181B/1.810A 2.362B/1.971A		1.894 + 0.224 .5785 2.061 + 0.235 .6050 2.235 + 0.246 .6305			104		7 UNCH 104 + 98 4 UNCH
2550 2575 2600			2.548B/2.138A 2.740B/2.311A 2.936B/2.490A	2.548B/2.138A 2.740B/2.311A 2.936B/2.490A		2.414 + 0.256 .6549 2.600 + 0.266 .6778 2.791 + 0.276 .6996					6 UNCH 5 UNCH 7 UNCH
2625 2650 2675			3.138B/2.675A 3.346B/ 3.556B/	3.138B/2.675A 3.346B/ 3.556B/		2.986 + 0.283 .7203 3.187 + 0.292 .7395 3.392 + 0.299 .7575					5 UNCH 4 UNCH 3 UNCH
2700 2725 2750			3.770B/ 3.986B/ 4.206B/	3.770B/ 3.986B/ 4.206B/		3.601 + 0.306 .7745 3.814 + 0.313 .7900 4.029 + 0.319 .8047					3 UNCH 6 UNCH 1 UNCH
2800 2850 2875			4.655B/ 5.111B/ 5.342B/	4.655B/ 5.111B/ 5.342B/		4.470 + 0.331 .8306 4.920 + 0.341 .8530 5.148 + 0.345 .8628					1 UNCH 1 UNCH 1 UNCH
2900 2950 2975	5.445	5.445 	5.575B/5.445 6.044B/ 6.280B/	5.575B/5.445 6.044B/ 6.280B/		5.379 + 0.350 .8722 5.844 + 0.358 .8887 6.078 + 0.360 .8959			1 		3 + 1 3 UNCH 3 UNCH
3000 3025 3050			6.517B/ 6.756B/ 6.996B/	6.517B/ 6.756B/ 6.996B/		6.314 + 0.364 .9026 6.551 + 0.366 .9092 6.789 + 0.369 .9150					3 UNCH 3 UNCH 3 UNCH
3075 3125 3150	6.841	6.841 	7.236B/6.840 7.719B/ 7.962B/	7.236B/6.840 7.719B/ 7.962B/		7.028 + 0.371 .9203 7.508 + 0.374 .9303 7.749 + 0.375 .9346			 		6 + 4 5 UNCH 1 UNCH
3175 3200 3225			8.206B/ 8.448B/ 8.616B/	8.206B/ 8.448B/ 8.616B/		7.991 + 0.377 .9385 8.234 + 0.379 .9423 8.477 + 0.380 .9460					2 UNCH 3 UNCH 4 UNCH
3250 3275 3300			8.744B/ 8.764B/	8.744B/ 8.764B/		8.721 + 0.381 .9493 8.966 + 0.383 .9521 9.211 + 0.384 .9553					2 UNCH 6 UNCH 3 UNCH
3325 3350 3375						9.456 + 0.385 .9576 9.702 + 0.386 .9603 9.948 + 0.387 .9626					8 UNCH 9 UNCH 10 UNCH
3400 3425 3500						10.195 + 0.388 .9648 10.442 + 0.389 .9665 11.184 + 0.391 .9725					12 UNCH 4 UNCH 11 UNCH
TOTAL JUN23									703	0	7070 + 537
1575 1600 1675						0.035 + 0.002 .0170 0.039 + 0.003 .0190 0.055 + 0.004 .0270					1 UNCH 100 UNCH 1 UNCH
1700 1725 1750			0.058B/ 0.066B/ 0.076B/	0.058B/ 0.066B/ 0.076B/		0.061 + 0.004 .0300 0.069 + 0.005 .0339 0.078 + 0.007 .0382					4 UNCH 2 UNCH 1 UNCH
1775 1800 1825	0.100	0.100	0.086B/ 0.100/0.100 0.112B/	0.086B/ 0.100/0.100 0.112B/		0.088 + 0.008 .0430 0.099 + 0.009 .0483 0.112 + 0.010 .0543			1 		3 UNCH 6 UNCH 4 UNCH
1850 1875 1900			0.128B/ 0.145B/ 0.166B/	0.128B/ 0.145B/ 0.166B/		0.127 + 0.012 .0612 0.144 + 0.015 .0688 0.163 + 0.017 .0772			1 		7 UNCH 4 + 1 13 UNCH
1925 1950 2000			0.189B/ 0.215B/ 0.280B/ 0.319B/	0.189B/ 0.215B/ 0.280B/		0.185 + 0.020 .0867 0.210 + 0.023 .0972 0.271 + 0.031 .1218 0.307 + 0.036 .1357					3 UNCH 57 UNCH 407 UNCH
2025 2050 2075			0.313B/0.304A 0.412B/0.342A 0.466B/0.385A	0.319B/ 0.363B/0.304A 0.412B/0.342A 0.466B/0.385A		0.307 + 0.036 .1357 0.348 + 0.041 .1510 0.394 + 0.048 .1675 0.445 + 0.054 .1852			 1		2 UNCH 10 UNCH 16 UNCH 100 - 1
2100 2175 2200 2225			0.668B/0.545A 0.749B/0.608A 0.835B/0.680A	0.668B/0.545A 0.749B/0.608A 0.835B/0.680A		0.634 + 0.078 .2454 0.710 + 0.087 .2676 0.793 + 0.097 .2907					2 UNCH 7 UNCH 34 UNCH
2250 2275 2300			0.931B/0.756A 1.033B/0.841A 1.143B/0.934A	0.931B/0.756A 1.033B/0.841A 1.143B/0.934A		0.883 + 0.107 .3145 0.980 + 0.117 .3389 1.085 + 0.128 .3638					24 UNCH 7 UNCH 9 UNCH
2400 2425 2450			1.657B/1.370A 1.803B/1.498A 1.956B/1.660A	1.657B/1.370A 1.803B/1.498A 1.956B/1.660A		1.576 + 0.173 .4648 1.717 + 0.185 .4897 1.864 + 0.196 .5140					2 UNCH 25 UNCH 217 UNCH
2475 2525 2575	2.648	 2.648	2.114B/ 2.452B/2.104A 2.811B/2.428A	2.114B/ 2.452B/2.104A 2.811B/2.428A		2.017 + 0.206 .5378 2.342 + 0.226 .5833 2.690 NEW .6257			 2		2 UNCH 3 UNCH 2 + 2
2600 2650 2675			2.998B/2.599A 3.385B/2.956A 3.586B/3.141A	2.998B/2.599A 3.385B/2.956A 3.586B/3.141A		2.872 + 0.254 .6457 3.248 + 0.269 .6828 3.443 + 0.277 .7001					5 UNCH 2 UNCH 2 UNCH
2700 2725 2750			3.789B/3.331A 3.996B/ 4.207B/	3.789B/3.331A 3.996B/ 4.207B/		3.642 + 0.284 .7166 3.844 + 0.291 .7321 4.050 + 0.297 .7469					2 UNCH 2 UNCH 4 UNCH
2800 2825 3175			4.635B/ 4.854B/ 8.085B/	4.635B/ 4.854B/ 8.085B/		4.471 + 0.310 .7739 4.685 + 0.315 .7863 7.882 + 0.364 .8991					1 UNCH 2 UNCH 2 UNCH
3225 3325 3350	8.160 9.115 	8.160 9.115 	8.562B/8.134A 9.528B/9.091A 9.771B/	8.562B/8.134A 9.528B/9.091A 9.771B/		8.358 NEW .9090 9.318 NEW .9250 9.560 + 0.376 .9286			2 1 8	 0	2 + 2 1 + 1 2 UNCH 1102 + 5
TOTAL JUL23 725						0.002 UNCH .0006					263 UNCH
1050 1100 1200						0.008 - 0.001 .0029 0.010 UNCH .0037 0.014 - 0.001 .0054					157 UNCH 1 UNCH 9 UNCH
1400 1500 1525						0.028 + 0.001 .0117 0.041 + 0.002 .0176 0.045 + 0.002 .0194					102 UNCH 2 UNCH 6 UNCH
1550 1600 1625			0.067B/	0.067B/		0.050 + 0.002 .0216 0.063 + 0.004 .0272 0.070 + 0.004 .0302					2 UNCH 42 UNCH 42 UNCH
1650 1675 1700			0.076B/ 0.085B/ 0.096B/	0.076B/ 0.085B/ 0.096B/		0.079 + 0.005 .0339 0.088 + 0.006 .0377 0.099 + 0.007 .0423					42 UNCH 171 UNCH 148 UNCH
1725 1750 1800			0.108B/ 0.122B/ 0.155B/	0.108B/ 0.122B/ 0.155B/		0.111 + 0.008 .0472 0.124 + 0.009 .0525 0.156 + 0.013 .0651					2 UNCH 52 UNCH 27 UNCH
1825 1850 1875			0.173B/ 0.196B/ 0.220B/	0.173B/ 0.196B/ 0.220B/		0.174 + 0.014 .0721 0.195 + 0.016 .0801 0.219 + 0.019 .0890					10 UNCH 132 UNCH 14 UNCH
1900 1950 2000	0.382	0.382	0.247B/ 0.313B/ 0.395B/0.382	0.247B/ 0.313B/ 0.395B/0.382		0.245 + 0.022 .0985 0.307 + 0.029 .1203 0.384 + 0.039 .1459			 5		8 + 4 3 UNCH 157 + 4
2050 2075 2100			0.495B/0.426A 0.553B/0.473A 0.617B/0.525A 0.686B/0.582A	0.495B/0.426A 0.553B/0.473A 0.617B/0.525A 0.686B/0.582A		0.478 + 0.049 .1754 0.532 + 0.055 .1915 0.592 + 0.062 .2087 0.658 + 0.069 .2268					143 UNCH 1 UNCH 63 UNCH 31 UNCH
2125 2150 2200 2225			0.686B/0.58ZA 0.762B/0.644A 0.932B/0.784A 1.024B/0.864A	0.686B/0.582A 0.762B/0.644A 0.932B/0.784A 1.024B/0.864A		0.658 + 0.069 .2268 0.729 + 0.076 .2456 0.890 + 0.092 .2856 0.980 + 0.101 .3065					31 UNCH 76 UNCH 115 UNCH 14 UNCH
2225 2250 2300 2325			1.125B/0.948A 1.348B/1.138A 1.470B/1.242A	1.125B/0.948A 1.348B/1.138A 1.470B/1.242A		1.077 + 0.101 .3279 1.291 + 0.130 .3718 1.407 + 0.139 .3940					45 UNCH 103 UNCH 7 UNCH
2350 2400 2425	1.500	1.500 	1.597B/1.354A 1.872B/1.595A 2.019B/1.726A	1.597B/1.354A 1.872B/1.595A 2.019B/1.726A		1.530 + 0.149 .4162 1.796 + 0.171 .4605 1.938 + 0.181 .4822			22 		40 + 22 71 UNCH 30 UNCH
2475 2500 2600			2.330B/2.032A 2.493B/ 3.198B/2.826A	2.330B/2.032A 2.493B/ 3.198B/2.826A		2.239 + 0.200 .5243 2.398 + 0.210 .5445 3.083 + 0.243 .6197					69 UNCH 62 UNCH 26 UNCH
2650 2700 2825			3.577B/3.177A 3.969B/3.545A 5.006B/	3.577B/3.177A 3.969B/3.545A 5.006B/		3.452 + 0.258 .6534 3.836 + 0.271 .6844 4.853 + 0.300 .7505					1 UNCH 1 UNCH 1 UNCH
3150			7.934B/	7.934B/		7.746 + 0.349 .8615					1 UNCH

METALS OPTIONS PRODUCTS

Side 36





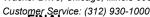


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PG64 BULLETIN # 18@				ME	TALS OPTION P	METALS OPTION PRODUCTS			Fri,	Jan 27,	2023 1	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	C INTER	OPEN REST
SO PU		COMEX SILVER OP										
3200 3300 3400			8.402B/ 9.351B/ 10.311B/	8.402B/ 9.351B/ 10.311B/		8.211 + 0.353 .8728 9.154 + 0.363 .8923 10.108 + 0.370 .9082					1 2 1	UNCH UNCH UNCH
3425 3475 3500			10.553B/ 11.036B/	10.553B/ 11.036B/ 11.278B/		10.348 + 0.371 .9117 10.829 + 0.373 .9183 11.071 + 0.375 .9214					1 1 1	UNCH UNCH UNCH
3525 3550 3575			11.522B/ 11.522B/ 11.766B/ 12.010B/	11.522B/ 11.766B/ 12.010B/		11.313 + 0.376 .9245 11.556 + 0.378 .9272 11.799 + 0.379 .9299 12.042 + 0.379 .9324					2 1 2	UNCH UNCH UNCH
3600 3625			12.255B/ 12.498B/ 12.670B/	12.255B/ 12.498B/ 12.670B/		12.286 + 0.381 .9348					3 2 5	UNCH UNCH UNCH
3650 3675 3700			12.815B/ 12.980B/	12.815B/ 12.980B/		12.530 + 0.381 .9371 12.775 + 0.383 .9395 13.020 + 0.384 .9415 13.265 + 0.384 .9435					3 5 2	UNCH UNCH UNCH
3725 TOTAL SEP23						15.205 + 0.364 .3455			31	0	2324 +	30
1400 1550			 0 138p/	 0.138p/		0.053 + 0.001 .0187 0.096 + 0.005 .0338 0.144 + 0.009 .0499					300 5	UNCH
1650 1750 1800			0.138B/ 0.211B/ 0.259B/	0.138B/ 0.211B/ 0.259B/		0.214 + 0.014 .0725 0.261 + 0.018 .0869					100 1 100	UNCH UNCH UNCH
1825 1950 2050			0.288B/ 0.476B/ 0.698B/	0.288B/ 0.476B/ 0.698B/		0.288 + 0.020 .0950 0.469 + 0.035 .1453 0.681 + 0.053 .1977			1 		19 2 + 44	UNCH 1 UNCH
2100 2125 2150			0.837B/ 0.915B/ 0.998B/	0.837B/ 0.915B/ 0.998B/		0.814 + 0.064 .2277 0.889 + 0.071 .2437 0.968 + 0.077 .2601					100 12 4	UNCH UNCH UNCH
2175 2200 2250			1.086B/ 1.176B/ 1.380B/	1.086B/ 1.176B/ 1.380B/		1.053 + 0.084 .2769 1.143 + 0.091 .2942 1.340 + 0.107 .3297 1.560 + 0.124 .3661			1 		8 3 44	UNCH UNCH UNCH
2300 2375 2425			1.607B/ 1.989B/ 2.270B/	1.60/B/ 1.989B/ 2.270B/		1.560 + 0.124 .3661 1.931 + 0.151 .4212 2.205 + 0.169 .4576 2.350 + 0.179 .4753					1 1 4	UNCH UNCH UNCH
2450 2525 2675			2.418B/ 2.891B/ 3.950B/	2.418B/ 2.891B/		2.812 + 0.204 .5265 3.849 + 0.247 .6178					60 6 10	UNCH UNCH UNCH
2750 2800 2850			4.526B/ 4.924B/ 5.333B/	4.526B/ 4.924B/ 5.333B/		4.415 + 0.264 .6573 4.806 + 0.273 .6814 5.208 + 0.283 .7036					1 15 1	UNCH UNCH UNCH
3500 4000 TOTAL			11.196B/ 16.036B/	11.196B/ 16.036B/		11.022 + 0.368 .8745 15.843 + 0.393 .9271			 2	 0	3 2 846 +	UNCH UNCH
DEC23 1000						0.025 UNCH .0068					1	UNCH
1350 1375 1500						0.091 + 0.002 .0256 0.099 + 0.003 .0279 0.149 + 0.005 .0420					1 1 1	UNCH UNCH UNCH
1600 1800 1825	0.420	0.420	0.420/0.420 0.458B/	0.420/0.420 0.458B/		0.209 + 0.007 .0583 0.417 + 0.018 .1092 0.455 + 0.020 .1178			 5		101 50 + 5	UNCH 5 UNCH
1850 1900 2000			0.458B/ 0.500B/ 0.594B/ 0.826B/	0.500B/ 0.594B/ 0.826B/		0.495 + 0.022 .1266 0.587 + 0.029 .1461 0.813 + 0.044 .1904					100 30 61	UNCH UNCH UNCH
2025 2100 2200	1.050	1.050	0.895B/ 1.125B/1.050 1.491B/	0.895B/ 1.125B/1.050 1.491B/		0.880 + 0.049 .2027 1.104 + 0.064 .2414 1.465 + 0.087 .2974			1 		10 2 + 25	UNCH 1 UNCH
2225 2275 2375			1.595B/ 1.818B/ 2.319B/	1.595B/ 1.818B/ 2.319B/		1.566 + 0.092 .3119 1.783 + 0.104 .3414 2.271 + 0.130 .4009					20 1 100	UNCH UNCH UNCH
2400 2425	2.300	2.300	2.455B/2.300 2.596B/	2.455B/2.300 2.596B/ 2.889B/		2.403 + 0.135 .4157 2.541 + 0.142 .4305 2.827 + 0.153 .4594			1 		9 + 7 50	1 UNCH UNCH
2475 2500 2525	2.863	2.863	2.889B/ 3.042B/2.863 3.199B/ 3.691B/	3.042B/2.863 3.199B/ 3.691B/		2.977 + 0.160 .4736 3.130 + 0.166 .4874			9		16 + 6	9 UNCH
2600 3000 3275			6.746B/ 9.120B/	6.746B/ 9.120B/		3.612 + 0.183 .5273 6.628 + 0.260 .6940 8.985 + 0.299 .7685					13 15	UNCH UNCH UNCH
TOTAL JUL24 1800						0.480 + 0.041 .1111			16	0	626 +	16 UNCH
TOTAL SO1 C		SILVER OPTIONS								0	12 12	0
FEB23 2150 2175			 /1.674A	 /1.674A		2.132 - 0.394 .9818 1.888 - 0.392 .9698					1 1	UNCH UNCH
2250 2275 2300	1.229	1.229	1.229/1.001A /0.806A /0.633A	1.229/1.001A /0.806A /0.633A		1.189 - 0.371 .8862 0.977 - 0.356 .8301 0.782 - 0.336 .7550			1 		3 + 1 2	1 UNCH UNCH
2325 2330 2335			/0.484A /0.457A /0.430A	/0.484A /0.457A /0.430A		0.609 - 0.310 .6630 0.577 - 0.304 .6432 0.546 - 0.298 .6229					1 2 2	UNCH UNCH UNCH
2340 2345 2350	0.400 0.500	0.400 0.500	0.541/0.400 /0.381A 0.500/0.358A	0.541/0.400 /0.381A 0.500/0.358A		0.517 - 0.291 .6020 0.488 - 0.285 .5811 0.460 NEW .5599			<u>-</u> 1		3 + 2 1 +	1 UNCH
2355 2360			/0.337A 0.689B/0.315A 0.656B/0.295A	/0.337A 0.689B/0.315A 0.656B/0.295A		0.434 - 0.271 .5386 0.409 - 0.264 .5172 0.384 - 0.257 .4958			6 		20 +	1 UNCH UNCH
2365 2370 2375	0.270	0.270	0.622B/0.276A 0.591B/0.258A	0.622B/0.276A 0.591B/0.258A		0.361 - 0.250 .4746 0.339 - 0.242 .4535			52		2 161 +	UNCH 30
2380 2385 2390			0.561B/0.241A 0.530B/0.225A /0.210A	0.561B/0.241A 0.530B/0.225A /0.210A		0.298 - 0.226 .4120 0.279 - 0.218 .3918					8 4 14	UNCH UNCH
2400 2410 2420	0.229 	0.229 	0.448B/0.181A 0.427B/0.156A 0.378B/*0.134A	0.448B/0.181A 0.427B/0.156A 0.378B/*0.134A		0.244 - 0.202 .3527 0.212 - 0.187 .3153 0.184 - 0.171 .2804			249 22		244 + 43 144 +	232 UNCH 11
2425 2430 2440	0.204	0.204	0.358B/*0.124A 0.335B/*0.115A 0.297B/*0.098A	0.358B/*0.124A 0.335B/*0.115A 0.297B/*0.098A		0.172 - 0.163 .2644 0.160 - 0.155 .2486 0.138 - 0.141 .2187			110		9 31 - 2	UNCH 69 UNCH
2445 2450 2455	0.160 0.143	0.160 0.143	0.278B/*0.091A 0.260B/*0.084A 0.245B/*0.078A	0.278B/*0.091A 0.260B/*0.084A 0.245B/*0.078A		0.129 - 0.133 .2055 0.120 - 0.126 .1925 0.111 - 0.119 .1797			10 105 		17 + 168 - 4	10 35 UNCH
2460 2465 2470	0.067 0.064 0.150	0.067 0.064 0.150	0.229B/*0.067 0.214B/*0.064 0.201B/*0.063A	0.229B/*0.067 0.214B/*0.064 0.201B/*0.063A		0.103 - 0.113 .1679 0.096 - 0.106 .1571 0.089 - 0.100 .1465			10 3 10		19 + 6 33 +	9 UNCH 9
2475 2480 2485	0.076 0.045	0.076 0.045	0.187B/*0.058A 0.174B/*0.054A 0.162B/*0.045	0.187B/*0.058A 0.174B/*0.054A 0.162B/*0.045		0.083 - 0.094 .1370 0.077 - 0.089 .1276 0.071 - 0.084 .1184			10 9		84 15 - 10 +	UNCH 6 6
2495 2500 2510	0.070 0.054	0.070 0.054	0.141B/*0.044A 0.131B/*0.041A 0.112B/*0.036A	0.141B/*0.044A 0.131B/*0.041A 0.112B/*0.036A		0.061 - 0.074 .1023 0.057 - 0.070 .0956 0.049 - 0.061 .0825			30 5 		30 + 32 + 3	20 2 UNCH
2515 2525 2530	0.050	 0.050	0.104B/*0.034A /*0.030A 0.050/*0.028A	0.104B/*0.034A /*0.030A 0.050/*0.028A		0.045 - 0.058 .0760 0.039 - 0.051 .0658 0.036 - 0.048 .0608			 6		6 1 22 +	UNCH UNCH 6
2535 2535 2550 2575			/*0.026A /*0.022A /*0.017A	/*0.026A /*0.026A /*0.022A /*0.017A		0.034 - 0.045 .0571 0.027 - 0.037 .0453 0.019 - 0.027 .0314					1 66 11	UNCH UNCH UNCH
2600 2625	0.011 0.005	0.011 0.005	0.011/*0.011 /*0.010A 0.006/*0.005	0.011/*0.011 /*0.010A 0.006/*0.005		0.013 - 0.021 .0212 0.009 - 0.016 .0144 0.007 - 0.012 .0108			1 16		20 - 3 16 +	UNCH 15
2650 2675 2700 2725			/*0.005A /*0.006A /*0.005A	/*0.005A /*0.006A /*0.005A		0.007 - 0.012 .0106 0.005 - 0.009 .0075 0.004 - 0.007 .0057 0.003 - 0.006 .0042					56 27 6	UNCH UNCH UNCH
TOTAL SO1 P		SILVER OPTIONS	, 0.00JA	, 0.003A		0.000 .0042	-	-	658	0	1361 +	243
FEB23 2075						0.003 + 0.001 .0044 0.005 + 0.002 .0076			 1		2 11	UNCH UNCH
2100 2125 2150 2175	0.011	 0.011	0.011B/ 0.020B/0.010	0.011B/ 0.020B/0.010		0.003 + 0.002 .0076 0.007 + 0.002 .0112 0.011 + 0.004 .0181 0.018 + 0.007 .0301			 13 17		9 20 + 56 +	UNCH 9 16
2200 2225	0.015	0.015	0.035B/0.015 0.059B/	0.035B/0.015 0.059B/		0.027 + 0.010 .0462 0.043 + 0.017 .0733			26 		36 + 4	22 UNCH

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PG64	BULLETI	rn # 18@		MF	TALS OPTION PR	ODUCTS			Fri	Jan 27,	2023 PG	 664
1 00	GLOBEX	OPEN OUTCRY	GLOBEX	OPEN OUTCRY	OPEN OUTCRY	SETT.PRICE	EXER	OPEN OUTCRY	GLOBEX®	PNT	OPE	EN
S01 P	OPEN	OPEN RANGE SILVER OPTIONS	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE. DELTA	CISES	VOLUME	VOLUME	VOLUME	INTERES	51
FEB23 2250		0.056	0.095B/0.038A	0.095B/0.038A		0.068 + 0.027 .1137			2		10 +	2
2255 2265 2270			0.105B/0.042A 0.125B/0.048A 0.137B/0.053A	0.105B/0.042A 0.125B/0.048A 0.137B/0.053A		0.074 + 0.029 .1232 0.088 + 0.034 .1448 0.096 + 0.037 .1568			 13			JNCH JNCH 1
2275 2280			0.149B/0.057A 0.162B/0.063A	0.149B/0.057A 0.162B/0.063A		0.105 + 0.041 .1698 0.115 + 0.045 .1838					83 U 12 U	JNCH
2285 2290 2295	0.106	0.106 	0.176B/0.068A 0.191B/0.074A 0.205B/0.081A	0.176B/0.068A 0.191B/0.074A 0.205B/0.081A	 	0.125 + 0.049 .1979 0.136 + 0.053 .2130 0.148 + 0.057 .2289			1 			JNCH JNCH
2300 2305	0.150	0.150	0.222B/0.087A 0.240B/0.095A	0.222B/0.087A 0.240B/0.095A		0.160 + 0.061 .2449 0.174 + 0.066 .2624			31		287 + 25 U	21 JNCH
2310 2315 2320			0.260B/0.103A 0.280B/0.111A 0.301B/0.121A	0.260B/0.103A 0.280B/0.111A 0.301B/0.121A	 	0.188 + 0.071 .2799 0.203 + 0.076 .2982 0.220 + 0.082 .3175					15 U	JNCH JNCH JNCH
2325 2330	0.220 0.200	0.220 0.200	0.324B/0.131A 0.347B/0.141A	0.324B/0.131A 0.347B/0.141A		0.237 + 0.088 .3369 0.255 NEW .3567			14 55		7 + 43 +	4 43
2335 2340 2345	0.277	0.277	0.371B/0.152A 0.407/0.165A 0.423B/0.178A	0.371B/0.152A 0.407/0.165A 0.423B/0.178A		0.295 + 0.106 .3979 0.316 + 0.112 .4188			11 		12 +	JNCH 1 JNCH
2350 2355 2360	0.300 0.325	0.300 0.325	0.451B/0.191A 0.479B/0.206A 0.508B/0.222A	0.451B/0.191A 0.479B/0.206A 0.508B/0.222A		0.339 + 0.120 .4400 0.362 + 0.126 .4613 0.387 + 0.134 .4827			68 		24 + 72 + 38 U	2 62 JNCH
2365 2370			0.539B/0.238A 0.567B/0.256A	0.539B/0.238A 0.567B/0.256A		0.412 + 0.140 .5040 0.439 + 0.148 .5253			13		18 + 100 U	6 JNCH
2375 2380 2385	0.365	 0.365	0.603B/0.274A 0.633B/0.294A 0.668B/0.315A	0.603B/0.274A 0.633B/0.294A 0.668B/0.315A		0.467 + 0.156 .5464 0.496 + 0.164 .5673 0.526 + 0.172 .5879			28 2		28 + 11 U 5 +	27 JNCH 1
2390 2400			0.703B/0.367A 0.779B/0.405A	0.703B/0.367A 0.779B/0.405A		0.556 + 0.179 .6081 0.621 + 0.195 .6472			1		29 U 13 +	JNCH 1
2405 2415 2420			0.752B/0.440A 0.836B/0.483A 0.873B/0.510A	0.752B/0.440A 0.836B/0.483A 0.873B/0.510A		0.655 + 0.203 .6664 0.725 + 0.219 .7021 0.762 + 0.227 .7195					3 U	JNCH JNCH JNCH
2425 2430 2440			0.977B/0.538A 0.955B/0.568A 1.040B/0.628A	0.977B/0.538A 0.955B/0.568A 1.040B/0.628A		0.799 + 0.235 .7355 0.837 + 0.242 .7513 0.916 + 0.258 .7812					4 U	JNCH JNCH JNCH
2445 2450			1.083B/0.660A 1.189B/0.692A	1.083B/0.660A 1.189B/0.692A		0.956 + 0.265 .7944 0.997 + 0.272 .8074					7 U 4 U	JNCH JNCH
2495 2525 2550			1.352B/ 1.879B/ 2.079B/	1.352B/ 1.879B/ 2.079B/		1.388 + 0.323 .8976 1.666 + 0.347 .9341 1.904 + 0.361 .9546					4 U	JNCH JNCH JNCH
2575 2600			2.079B/ 2.180B/	2.079B/ 2.180B/		2.145 + 0.370 .9685 2.390 + 0.378 .9787 2.883 + 0.386 .9891					1 U	JNCH JNCH JNCH
2650 TOTAL	-					2.003 + 0.300 .3031			298	0		217
SO2 C FEB23 2175		SILVER OPTIONS	/1.716A	/1.716A		1.920 - 0.382 .9292					1 U	JNCH
2225 2250			/1.286A /1.089A /0.789A	/1.286A /1.089A /0.789A		1.473 - 0.365 .8650 1.265 - 0.352 .8185					2 U 1 U	JNCH JNCH
2295 2305 2330			/0.729A /0.582A	/0.729A /0.582A		0.858 - 0.312 .6835 0.702 - 0.287 .6103					2 U	JNCH JNCH JNCH
2335 2350 2370	 0.444	 0.444	/0.557A 0.877B/0.486A 0.750B/0.402A	/0.557A 0.877B/0.486A 0.750B/0.402A		0.673 - 0.282 .5950 0.591 - 0.266 .5487 0.492 NEW .4865			 10			JNCH JNCH 10
2375 2385	0.420	0.420	0.720B/0.382A /0.346A	0.720B/0.382A /0.346A		0.470 - 0.237 .4711 0.427 - 0.226 .4406			2		16 - 20 U	1 JNCH
2390 2400 2420	0.413	0.413	0.413/0.329A /0.297A 0.514B/0.240A	0.413/0.329A /0.297A 0.514B/0.240A	 	0.406 - 0.221 .4254 0.368 - 0.208 .3958 0.300 - 0.185 .3393			6 			6 JNCH JNCH
2425 2430			0.489B/0.228A 0.470B/0.216A 0.447B/0.205A	0.489B/0.228A 0.470B/0.216A		0.285 - 0.179 .3260 0.270 - 0.173 .3127					300 U 2 U	JNCH JNCH
2435 2440 2450			0.427B/0.194A 0.390B/0.174A	0.447B/0.205A 0.427B/0.194A 0.390B/0.174A		0.256 - 0.168 .2998 0.243 - 0.162 .2875 0.218 - 0.151 .2634					3 U	JNCH JNCH JNCH
2470 2475 2500	0.220	0.220	0.323B/*0.140A 0.308B/*0.132A 0.240B/*0.100A	0.323B/*0.140A 0.308B/*0.132A 0.240B/*0.100A		0.175 - 0.130 .2195 0.166 - 0.124 .2097 0.125 - 0.102 .1644			40 4 		48 + 6 + 1 U	40 1 JNCH
2550 2800			0.143B/*0.058A /*0.010A	0.143B/*0.058A /*0.010A		0.072 - 0.066 .0995 0.009 - 0.007 .0117					32 U 8 U	JNCH JNCH
2825 TOTAL			/*0.011A	/*0.011A		0.007 - 0.007 .0091			62	0	14 U 502 +	JNCH 56
SO2 P FEB23 2025		SILVER OPTIONS				0.008 + 0.001 .0110					15 U	JNCH
2075 2100			0.018B/ 0.027B/	0.018B/ 0.027B/		0.013 + 0.002 .0187 0.018 + 0.004 .0260					3 U 3 U	JNCH JNCH
2125 2175 2200	0.065	0.065	0.061B/ 0.089B/0.065	0.061B/ 0.089B/0.065		0.025 + 0.007 .0362 0.050 + 0.015 .0707 0.072 NEW .0987						JNCH JNCH 2
2225 2250 2275	0.145	0.145	0.129B/0.069A 0.183B/0.095A 0.253B/0.130A	0.129B/0.069A 0.183B/0.095A 0.253B/0.130A		0.102 + 0.031 .1349 0.144 + 0.045 .1813 0.199 + 0.061 .2372			1		7 +	JNCH 1 JNCH
2285 2290			0.286B/0.147A 0.302B/0.155A	0.286B/0.147A 0.302B/0.155A		0.226 + 0.069 .2625 0.240 + 0.073 .2754					3 U 1 U	JNCH JNCH
2300 2305 2310			0.340B/0.175A 0.359B/0.185A 0.380B/0.197A	0.340B/0.175A 0.359B/0.185A 0.380B/0.197A		0.271 + 0.081 .3025 0.287 + 0.086 .3163 0.304 + 0.090 .3305					2 U	JNCH JNCH JNCH
2315 2325			0.401B/0.209A 0.446B/0.234A	0.401B/0.209A 0.446B/0.234A 0.470B/0.248A		0.322 + 0.095 .3450 0.360 + 0.105 .3746 0.380 + 0.109 .3896					21 U	JNCH JNCH
2330 2340 2345			0.470B/0.248A 0.519B/0.277A 0.545B/0.293A	0.519B/0.277A 0.545B/0.293A		0.423 + 0.120 .4202 0.446 + 0.126 .4357					3 U 4 U	JNCH JNCH JNCH
2350 2360 2370			0.573B/0.309A 0.630B/0.344A 0.690B/0.383A	0.573B/0.309A 0.630B/0.344A 0.690B/0.383A		0.469 + 0.131 .4512 0.518 + 0.142 .4823 0.570 + 0.154 .5133					3 U	JNCH JNCH JNCH
2395 2400	0.809	0.809	0.847B/ 0.888B/0.809	0.847B/ 0.888B/0.809		0.714 + 0.183 .5893 0.746 + 0.190 .6040			1 		10 U 48 U	JNCH JNCH
2405 2425 2455	1.016	1.016	0.919B/ 1.071B/0.671A 1.233B/0.855A	0.919B/ 1.071B/0.671A 1.233B/0.855A		0.777 + 0.195 .6185 0.912 + 0.219 .6739 1.133 + 0.252 .7482			2		2 U 12 U	JNCH JNCH JNCH
2525 2600 2625			1.922B/ 2.632B/ 2.813B/	1.922B/ 2.632B/ 2.813B/		1.721 + 0.316 .8715 2.418 + 0.357 .9393 2.658 + 0.364 .9520					0 U	JNCH JNCH JNCH
2650 TOTAL			2.828B/	2.828B/		2.901 + 0.371 .9619			 6			JNCH 3
SO3 C FEB23		SILVER OPTIONS										
2300 2350 2375	0.620	0.620	/0.862A 0.620/*0.606A /*0.502A	/0.862A 0.620/*0.606A /*0.502A		0.999 - 0.304 .6661 0.712 NEW .5439 0.593 - 0.235 .4816			3		3 +	JNCH 3 JNCH
2380 2400	0.489	0.489	/*0.483A 0.489/0.412A	/*0.483A 0.489/0.412A		0.571 NEW .4693 0.489 - 0.210 .4209			20 220		20 + 158 +	20 156
2410 2450 2470	0.337	 0.337	/*0.377A 0.515B/*0.268A 0.443B/*0.225A	/*0.377A 0.515B/*0.268A 0.443B/*0.225A	 	0.452 - 0.200 .3974 0.326 - 0.162 .3100 0.275 - 0.145 .2709			 51			JNCH JNCH 49
2475 2480	0.251	0.251	0.427B/*0.215A 0.411B/*0.206A	0.427B/*0.215A 0.411B/*0.206A		0.263 - 0.141 .2615 0.252 - 0.137 .2526					0 - 1 U	5 JNCH
2525 TOTAL			0.288B/*0.138A	0.288B/*0.138A		0.170 - 0.104 .1817			299	0		JNCH 223
SO3 P FEB23 2250		SILVER OPTIONS	0.273B/0.162A	0.273B/0.162A		0.229 + 0.058 .2265					10 U	JNCH
2300 2320	0.410	0.410	0.448B/0.267A 0.536B/0.322A	0.448B/0.267A 0.536B/0.322A		0.378 + 0.092 .3337 0.455 NEW .3816			90 6		90 + 6 +	70 6
2325 2350 2360			0.560B/0.338A 0.689B/0.423A 0.746B/0.463A	0.560B/0.338A 0.689B/0.423A 0.746B/0.463A		0.476 + 0.114 .3938 0.590 + 0.137 .4559 0.640 + 0.147 .4810					<u>3</u> U	JNCH JNCH JNCH
2365 2370			0.775B/0.483A 0.805B/0.504A	0.775B/0.483A 0.805B/0.504A		0.666 + 0.152 .4934 0.693 + 0.157 .5059			 96	 0	<u>5</u> U	JNCH JNCH 76
SO4 C	CALL	SILVER OPTIONS							30	U	100 +	70
JAN23	•											

METALS OPTIONS PRODUCTS

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PG64	BULLET	IN # 18@		ME	TALS OPTION PRO	DDUCTS			OPEN	Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN REST
SO4 C JAN23		SILVER OPTIONS											
2150 2175 2200						2.122 - 0.399 1.872 - 0.399 1.622 - 0.399)	2 3 1				0 - 0 - 0 -	2 3 1
2225 2250 2265						1.372 - 0.399 1.122 - 0.399 0.972 - 0.399		3 1 3				0 - 0 - 0 -	3 1 3
2275 2300 2310						0.872 - 0.399 0.622 - 0.401 0.522 - 0.403		1 6				0 - 0 - 0	1 6 UNCH
2320 2325	0.480	0.480	 0.480/*0.167A /0.198A	 0.480/*0.167A /0.198A		0.422 - 0.406 0.372 - 0.408 0.322 - 0.410	S	1 19		 6		0 0 0 -	1 UNCH 19
2330 2340 2345			/*0.067A /*0.047A 0.400B/*0.033A	/*0.067A /*0.047A 0.400B/*0.033A		0.222 - 0.416 0.172 - 0.420)	3 2 17				0 - 0 - 0 -	3 2 4
2350 2355 2360	0.285	0.285 0.176	/*0.022A 0.176/*0.015A	/*0.022A 0.176/*0.015A		0.072 - 0.431 0.022 - 0.438	 3	4 4		15 4		0 - 0 -	4
2365 2370 2375	0.006 0.050	0.006 0.050	0.006/*0.003A /*0.003A 0.060/*0.003A	0.006/*0.003A /*0.003A 0.060/*0.003A		0.000 - 0.418 0.000 - 0.378 0.000 - 0.339	3)			 60		0 - 0 - 0 -	1 7 26 15
2380 2385 2390	0.093 0.074 0.060	0.093 0.074 0.060	0.093/*0.003A 0.074/*0.003A 0.060/*0.003A	0.093/*0.003A 0.074/*0.003A 0.060/*0.003A		0.000 - 0.303 0.000 - 0.268 0.000 - 0.236				5 10 9		0 - 0 - 0 -	41 3
2395 2400 2405	0.069 0.050 0.005	0.069 0.050 0.005	0.069/*0.003A 0.052/*0.002 0.166B/*0.002	0.069/*0.003A 0.052/*0.002 0.166B/*0.002		0.000 - 0.207 0.000 - 0.180 0.000 - 0.155)			1 24 6		0 - 0 - 0 -	23 65 8
2410 2415 2420	0.037 0.021 0.020	0.037 0.021 0.020	0.141B/*0.003A 0.117B/*0.003A 0.020/*0.003A	0.141B/*0.003A 0.117B/*0.003A 0.020/*0.003A		0.000 - 0.134 0.000 - 0.114 0.000 - 0.098				3 2 1		0 - 0 - 0 -	16 4 43
2425 2430 2435	0.049 0.012	0.049 0.012	0.049/*0.003 0.012/*0.003A /*0.003A	0.049/*0.003 0.012/*0.003A /*0.003A		0.000 - 0.083 0.000 - 0.070 0.000 - 0.060)			5 1 		0 - 0 - 0 -	63 103 5
2440 2445 2450	0.020	0.020 	0.020/*0.003A /*0.003A /*0.003A	0.020/*0.003A /*0.003A		0.000 - 0.051 0.000 - 0.043 0.000 - 0.037	 3			13 		0 - 0 - 0 -	15 1 172
2455 2460	0.010	0.010 	0.010/*0.003A /*0.003A /*0.003A	/*0.003A 0.010/*0.003A /*0.003A /*0.003A		0.000 NEV 0.000 - 0.027 0.000 - 0.023	/ /			2 		0 0 - 0 -	UNCH 2 9
2465 2470 2475			/*0.003A /*0.003A /*0.003A /*0.003A	/*0.003A /*0.003A		0.000 - 0.020 0.000 - 0.017) 7					0 - 0 - 0 -	7
2480 2490 2500			/*0.003A /*0.003A	/*0.003A /*0.003A /*0.003A		0.000 - 0.011 0.000 - 0.008	 3					0 - 0 -	21 11 45
2505 2510 2515	0.001	0.001	/*0.002A /*0.002A 0.001/*0.001	/*0.002A /*0.002A 0.001/*0.001		0.000 - 0.000 0.000 - 0.000 0.000 NEV	S V			 4		0 - 0 - 0	2 6 UNCH
2520 2525 2530	0.001	0.001	/*0.002A 0.001/*0.001 /*0.002A	/*0.002A 0.001/*0.001 /*0.002A		0.000 - 0.005 0.000 - 0.004 0.000 - 0.004				 8		0 - 0 - 0 -	5 12 2
2535 2550 2600	0.001	0.001	/*0.002A 0.001/0.001	/*0.002A 0.001/0.001		0.000 - 0.003 0.000 - 0.002 0.000 - 0.003				15		0 - 0 - 0 -	12 2 2 22 17 22 25
2625 2650 2700						0.000 - 0.001 0.000 - 0.001 0.000 - 0.001						0 - 0 - 0 -	22 25 3
2750 2775						0.000 - 0.001 0.000 - 0.001				 196	 0	0 - 0 - 0 -	4 8 899
TOTAL SO4 P JAN23	TUT	SILVER OPTIONS								230	· ·	· ·	000
2025 2075 2150						0.000 - 0.001 0.000 - 0.001 0.000 - 0.001						0 - 0 - 0 -	1 1 14
2175 2200						0.000 - 0.001 0.000 - 0.001 0.000 - 0.001						0 - 0 - 0 -	15 40 2
2225 2240 2250						0.000 - 0.001 0.000 - 0.001						0 - 0 - 0 -	1 8
2260 2265 2270						0.000 - 0.001 0.000 - 0.001						0 -	1 5 1
2275 2280 2285						0.000 - 0.001 0.000 - 0.001 0.000 - 0.002						0 - 0 -	85 5 6
2290 2300 2305			 /*0.003A	 /*0.003A		0.000 - 0.002 0.000 - 0.003 0.000 - 0.004	}			 5		0 - 0 -	1 18 8
2310 2315 2320	0.009	0.009	/*0.003A /*0.003A 0.009/*0.003A	/*0.003A /*0.003A 0.009/*0.003A		0.000 - 0.005 0.000 - 0.006 0.000 - 0.008	3			 1		0 - 0 -	18 8 2 2 2 2
2325 2330 2335	0.011 0.015 0.001	0.011 0.015 0.001	0.014B/*0.003A 0.024B/*0.003A 0.038B/*0.001	0.014B/*0.003A 0.024B/*0.003A 0.038B/*0.001		0.000 - 0.010 0.000 - 0.012 0.000 - 0.015				2 5 3		0 - 0 -	16 14 29 2
2340 2345 2350	0.017 0.026 0.030	0.017 0.026 0.030	0.061B/*0.001 0.084B/*0.001 0.130B/*0.002	0.061B/*0.001 0.084B/*0.001 0.130B/*0.002		0.000 - 0.018 0.000 - 0.022 0.000 - 0.027				4 17 234		0 - 0 - 0 -	29 2 24 15
2355 2360 2365	0.009 0.074 0.053	0.009 0.074 0.053	0.142B/*0.003A 0.181B/*0.004A 0.223B/*0.018A	0.142B/*0.003A 0.181B/*0.004A 0.223B/*0.018A		0.000 - 0.033 0.000 - 0.040 0.028 - 0.020)	 22		2 18 6		0 - 0 - 0 -	15 16 21
2370 2375 2380	0.051 0.065	0.051 0.065	0.268B/0.044A 0.339B/0.052A 0.195B/0.061A	0.268B/0.044A 0.339B/0.052A 0.195B/0.061A		0.078 + 0.020 0.128 + 0.059 0.178 + 0.099		116 99 11		4 57 		0 - 0 - 0 -	113 58 11
2385 2390 2395	0.162 0.100	0.162 0.100	0.241B/0.071A 0.254B/0.082A 0.278B/0.115A	0.241B/0.071A 0.254B/0.082A 0.278B/0.115A		0.228 + 0.130 0.278 + 0.162 0.328 + 0.191		3 51 21		12 10 		0 - 0 - 0 -	1 41 21
2400 2405 2410	0.402	0.402	0.441B/0.149A 0.298B/0.171A 0.314B/0.182A	0.441B/0.149A 0.298B/0.171A 0.314B/0.182A		0.378 + 0.218 0.428 + 0.243 0.478 + 0.264	B	19 4 8		2 		0 - 0 - 0 -	19 4 8
2415 2425			0.358B/0.210A 0.545B/0.276A 0.358B/	0.358B/0.210A 0.545B/0.276A 0.358B/		0.528 + 0.284 0.628 + 0.315 0.678 + 0.328		 7 3				0 0 -	UNCH 7 3
2430 2445 2450			0.716B/	0.716B/		0.828 + 0.355 0.878 + 0.362		1 9 3				0 - 0 - 0 -	1 9
2475 2480 2485						1.128 + 0.381 1.178 + 0.383 1.228 + 0.385	 	2 2				0 - 0 -	3 2 2 1 2 8 2 1
2490 2495 2500						1.278 + 0.388 1.328 + 0.388 1.378 + 0.390	3)	1 2 8				0 - 0 - 0 -	1 2 8
2575 2625 TOTAL						2.128 + 0.397 2.628 + 0.397		2 1		382		0 - 0 - 0 -	2 1 674
SWW W			/EDNESDAY OPTION WE			0.005	0100					10	
2200 2200 2200			0.006B/ 0.067B/0.035A	0.006B/ 0.067B/0.035A		0.005 + 0.002 0.054 + 0.018 1.626 - 0.396	.0812 .9897					10 84 1	UNCH UNCH UNCH
2225 2225 2225	1.369	1.369	0.101B/0.050A 1.369/1.257A /1.169A	0.101B/0.050A 1.369/1.257A /1.169A		0.079 + 0.027 1.449 - 0.371 1.381 - 0.395	.8847 .9781			1 		1 2 2	UNCH 1 UNCH
2245 2250 2250	0.013 1.409	0.013 1.409	0.028B/0.013 0.033B/ 1.409/1.055A	0.028B/0.013 0.033B/ 1.409/1.055A		0.017 + 0.006 0.020 + 0.007 1.234 NEW	.0385			<u>-</u> 2		2 + 11 2 +	1 UNCH 2
2260 2270 2275			0.043B/ 0.057B/ 0.321B/0.183A	0.043B/ 0.057B/ 0.321B/0.183A		0.026 + 0.010 0.034 NEW 0.264 + 0.071	.0595 .0780			6		6 6 + 1	UNCH 6 UNCH
2275 2285 2290	0.832	0.832	0.832/0.719A 0.082B/0.028A 0.093B/0.031A	0.832/0.719A 0.082B/0.028A 0.093B/0.031A		0.910 - 0.382 0.050 + 0.021 0.056 + 0.023	.9107			1 		2 + 1 1	1 UNCH UNCH
2295 2300	0.871 0.327	0.871 0.327	0.104B/0.034A 0.882/0.523A 0.414B/0.236A	0.104B/0.034A 0.882/0.523A 0.414B/0.236A		0.064 + 0.027 0.693 - 0.368 0.343 NEV	.1448 .8379			2 7		5 4 + 7 +	UNCH 2 7
2300 2300 2315	0.327	0.327	0.116B/0.037A 0.162B/0.050A	0.116B/0.037A 0.162B/0.050A		0.072 + 0.031 0.102 + 0.044 0.276 + 0.087	.1620			 6		201 6 + 2	UNCH 3 UNCH
2315 2320	0.101	0.101	0.356B/0.173A 0.181B/0.055A	0.356B/0.173A 0.181B/0.055A ED FOR THE CONVENIE		0.114 NEV	.2469			1		1 +	1

METALS OPTIONS PRODUCTS

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

Customer Service: (312) 930-1000 FINAL



PG64 BULLETIN # 18@ METALS OPTION PRODUCTS Fri, Jan 27, 2023 PG64 OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE GLOBEX® VOLUME OPEN INTEREST OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW SETT.PRICE & PT.CHGE. EXER CISES PNT VOLUME DELTA SWW WED FEB23 | 2340 | 2340 | 0 2340 | 0 2340 | 2345 | 2345 | 2350 | 2350 | 2350 | 2360 | 2365 | 2375 | 22375 | 22400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2405 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2 SILVER WEEKLY WEDNESDAY OPTION WEEK 100 21 1 4 + 0 0. 4028/0.196A
0. 4258/0.210A
0.5988/0.351A
0.657/0.486A
0.419/0.280A
---/0.256A
0.6248/0.368A
---/0.233A
0.3268/0.102A
0.5258/0.267A
0.6518/0.386A
0.5288/0.300A
0.4098/0.136A
0.4658/0.338A
0.4768/0.358A
0.4778/0.358A
0.4778/0.358A
0.4778/0.358A
0.4728/0.421A
0.7518/0.362A
0.2578/%0.055A
0.270/0.255A
0.270/0.255A
0.25578/%0.055A
0.270/0.255A
0.2578/%0.055A
0.270/0.255A
0.25578/%0.055A
0.270/0.255A
0.2578/%0.055A
0.270/0.255A
0.270/0.255A
0.2578/%0.055A
0.270/0.255A
0.270/0.256A
0.270/0.256A
0.270/0.256A
0.270/0.256A
0.270/0.256A
0.3808/0.240A
0.3438/%0.140A
1.318/0.249A
0.3438/%0.140A
1.318/0.025A
0.4018/0.197A
0.1028/%0.023A
0.4018/0.197A
0.1028/%0.025A
0.4018/0.106A
1.5408/--1.9058/1.641
0.2518/%0.116A
1.2518/%0.116A 0.098 0.103 0.126 0.126 0.314 0.131 0.266 0.306 0.136 0.136 0.136 0.136 0.152 0.142 0.152 0.142 0.172 0.200 0.198 0.202 NEW 0.254 0.245 0.202 0.203 NEW 0.254 0.171 0.203 NEW 0.254 0.171 0.203 NEW 0.254 0.171 0.203 NEW 0.254 0.172 0.164 0.356 0.043 0.356 0.043 0.356 0.0356 0.0356 0.0356 0.0356 0.0356 0.0356 0.0356 0.0356 0.0356 .3635 .3802 .4282 .5860 .6444 .4414 .5584 .4583 .4167 .5170 .5762 .5340 .5762 .5340 .5762 .5340 .5967 .2798 .8269 .3078 .82671 .3073 .2967 .2419 .3073 .2967 .2419 .3073 .2967 .2419 .3073 .2967 .2419 .3074 .2559 .3078 0.313 0.3333 0.504 0.596 0.397 0.366 0.214 0.420 0.420 0.469 0.506 0.522 0.341 0.193 0.621 0.193 0.621 0.704 0.704 0.243 0.704 0.243 0.704 0.243 0.704 0.243 0.704 0.243 0.704 UNCH UNCH 4 -----0.657 0.311 ----UNCH UNCH UNCH UNCH UNCH 46 UNCH UNCH UNCH 51 ----2 ----1 53 + 42 20 2 1 + 3 0.169 0.169 0.256 0.256 UNCH 0.271 0.271 101 + UNCH 2 22 6 374 31 UNCH UNCH UNCH UNCH 7 57 ----1 ----7 ------------3 3 0.144 0.144 0.270 0.270 0.091 0.091 UNCH UNCH UNCH UNCH UNCH UNCH UNCH + - + - - + 100 0.831 0.055 0.831 0.055 18 2 UNCH
18
2
UNCH
UNCH
UNCH
UNCH
UNCH
UNCH
UNCH 1 18 + 3 + 3 2 52 1.641 1.641 10 2.380B/------/*0.007A 2.380B/--------/*0.007A 1 1422 + 189 TOTAL

COPPER	OPTIONS	ON	FUTURES

	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN EREST
IOM N	N	COPPER WEEKLY M	MONDAY OPTION WEEK5										
123 75						0.4730 - 0.0450	.0000					10	UNC
30						0.0005 UNCH 0.4230 - 0.0450	0000					21	UNC
30 35						0.4230 - 0.0450 0.0005 UNCH	.0000					11 6	UNG
35						0.3730 - 0.0450	.0000					7	UN
90						0.3230 - 0.0450	.0000					5 10	UN
95 00						0.0005 UNCH 0.2230 - 0.0450	.9993					10 11	UN
LO (0.0020	0.0020	0.0045B/*0.0015	0.0045B/*0.0015		0.0015 - 0.0005	.0273			2		11 +	
LO			/0.1195A 0.0155B/*0.0030	/0.1195A 0.0155B/*0.0030		0.1240 - 0.0455 0.0055 + 0.0005	.9725 .1152					10 1	UN
L5 20 (0.0140	0.0140	0.0400B/*0.0070	0.0400B/*0.0070		0.0165 + 0.0040	.3438			3		11	UN
20			0.0895B/0.0180A	0.0895B/0.0180A		0.0390 - 0.0410	.6560					20	UN
25 (25	0.0250	0.0250	0.0790B/*0.0180 0.0545B/0.0070A	0.0790B/*0.0180 0.0545B/0.0070A		0.0420 + 0.0135 0.0145 - 0.0315	.6847 .3151			2		6 1	UN
30			0.1250B/*0.0425	0.1250B/*0.0425		0.0815 + 0.0260	.9097					i	UN
30			0.0280B/*0.0030	0.0280B/*0.0030		0.0040 NEW	.0902			_		1 +	
50						0.0005 UNCH	.0000					4 147 +	UN
AL										o		147 +	
23						0.0005	0030					11	
0 5						0.0005 UNCH 0.0020 UNCH	.0020 .0155					11 10	UN
5						0.0005 UNCH	.0043					5	UN
)						0.0010 UNCH	.0086					1	UN
5						0.0015 + 0.0005 0.4735 - 0.0450	.0132 .9867					1 3	UN
'5 30						0.0020 + 0.0005	.0184					7	UN
90			0.0045B/*0.0030	0.0045B/*0.0030		0.0040 + 0.0005	.0395					2	UN
5			0.0190B/	0.0190B/		0.0135 + 0.0035 0.2785 - 0.0435	.1071 .9360					12 11	UN
15 10			0.0140B/*0.0065	0.0140B/*0.0065		0.0095 + 0.0020	.0946					1	UN
0			0.2840B/0.1910A	0.2840B/0.1910A		0.2320 - 0.0425	.9051					2	UN
5 ,	0.0650	0.0650	0.0235B/*0.0100 #0.0675B/0.0440	0.0235B/*0.0100 #0.0675B/0.0440		0.0155 + 0.0040 0.0560 NEW	.1486 .2675			21		10	UN
5 (5			0.2465B/0.1680A	0.2465B/0.1680A		0.0560 NEW 0.2025 - 0.0370	.7879					21 + 2	UN
ŏ			0.0580B/*0.0305	0.0580B/*0.0305		0.0435 + 0.0105	.2831					1	UN
0			0.0375B/*0.0155	0.0375B/*0.0155		0.0245 + 0.0065 0.0725 + 0.0140	.2233					1	UN
) 5 (0.0540	0.0540	#0.0860B/0.0565 0.0790B/*0.0430	#0.0860B/0.0565 0.0790B/*0.0430		0.0725 + 0.0140 0.0610 NEW	.3238 .3638			2		20 2 +	UN
	0.0530	0.0530	0.0570B/*0.0250	0.0570B/*0.0250		0.0380 + 0.0100	.3211			ī		ī	UN
5			0.1565B/0.0835A	0.1565B/0.0835A		0.1105 - 0.0350	.6785					20	UN
.5 0			#0.1080B/0.0725 0.1045B/*0.0590	#0.1080B/0.0725 0.1045B/*0.0590		0.0915 + 0.0165 0.0825 + 0.0175	.3830 .4496					7 1	UN
Ö			0.1205B/0.0585A	0.1205B/0.0585A		0.0805 - 0.0305	.5620					1	UN
0			0.1425B/*0.0805	0.1425B/*0.0805		0.1050 - 0.0275	.5498					27	UN
5 5			0.1350B/*0.0800 0.0915B/0.0400A	0.1350B/*0.0800 0.0915B/0.0400A		0.1085 + 0.0210 0.0565 - 0.0255	.5364 .4417					11 5	UN
5			#0.1620B/0.1125	#0.1620B/0.1125		0.1395 + 0.0220	.5068					Ğ	UN
5			0.1135B/*0.0610	0.1135B/*0.0610		0.0815 - 0.0235	.4631					15	UN
0 0 ().1235	0.1235	0.1695B/0.1050A 0.1505B/*0.0825	0.1695B/0.1050A 0.1505B/*0.0825		0.1390 + 0.0250 0.1160 NEW	.6201 .6683			1		7 1 +	UN
0			#0.1940B/0.1375	#0.1940B/0.1375		0.1680 + 0.0245	.5675					20	UN
5		0.0125	0.0465B/0.0180A	0.0465B/0.0180A		0.0260 - 0.0155	.2375					1	UN
o (5	0.0125	0.0125	0.0315B/0.0120A 0.0210B/0.0080A	0.0315B/0.0120A 0.0210B/0.0080A		0.0170 - 0.0115 0.0110 - 0.0080	.1640 .1102			5		16 + 8	UN
5			0.0375B/*0.0180	0.0375B/*0.0180		0.0240 - 0.0100	.1792					3	UN
5			0.0085B/*0.0035			0.0045 - 0.0035	.0469					10	UN
0			0.0135B/*0.0065 /*0.0020A	0.0135B/*0.0065 /*0.0020A		0.0080 - 0.0045 0.0020 - 0.0015	.0685 .0205					10 7	UN
5 0			/*0.0035A	/*0.0035A		0.0035 - 0.0030	.0321					3	UN
5						0.0005 - 0.0010	.0054					1	UN
AL										30		304+	
WE)	COPPER WEEKLY V	WEDNESDAY OPTION WEEK	(
23						0.0005 UNCU						E	118
0 0						0.0005 UNCH 0.0005 UNCH	.0000					5 10	UN
0						0.0015 UNCH	.0126					2	10
5						0.0005 UNCH	.0000					5	UI.
0 0			0.0025B/	0.0025B/		0.0005 UNCH 0.0025 + 0.0005	.0003 .0228					6 2	UI
0						0.4230 - 0.0450	.9999					10	U
5			0.00355/	0.00355/		0.0005 UNCH	.0015					10	U
0			0.0035B/ 0.2750B/0.1805A	0.0035B/ 0.2750B/0.1805A		0.0020 UNCH 0.2245 - 0.0450	.0261 .9738			1		1 + 12	UI
				/0.1570A		0.2245 - 0.0450	.8212					12	U
0 5			/U.15/UA										
0 5 0 5			/0.1570A 0.0180B/*0.0055 0.0345B/*0.0100	0.0180B/*0.0055 0.0345B/*0.0100		0.0090 NEW 0.0185 + 0.0050	.1238			6		6 + 25	UI

METALS OPTIONS PRODUCTS

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64 Side 40

CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 FINAL

PG	64 BULLETI	N # 18@		ME	TALS OPTION PRO	DUCTS				Fri,	Jan 27	, 2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX [©] VOLUME		INTER	OPEN REST
FEB		COPPER WEEKLY WED	NESDAY OPTION WEEK	0 12150/0 06104		0.0905 - 0.0400	7506					10	INCII
41 41 42	.5	0.0320	0.1315B/0.0610A 0.1630B/*0.0925 0.0595B/*0.0195	0.1315B/0.0610A 0.1630B/*0.0925 0.0595B/*0.0195		0.1200 - 0.0335 0.0350 + 0.0100	.7586 .6574 .4093					10 10 6 +	UNCH UNCH 2
42 42	0 0.1260	0.1260 0.0935	#0.1660B/*0.105 0.1515B/*0.0900	#0.1660B/*0.105 0.1515B/*0.0900		0.1305 NEW 0.1140 NEW	.5441 .5473			7 5		7 + 5 +	7 5
42 42	5		0.0935B/*0.0350 0.1230B/*0.0665	0.0935B/*0.0350 0.1230B/*0.0665		0.0610 + 0.0175 0.0940 + 0.0195	.5983			1 		3 + 10	1 UNCH
42 42	5 0.0310	0.0310 0.1235	0.1430B/*0.0890 0.0695B/0.0200A 0.1345B/*0.0595	0.1430B/*0.0890 0.0695B/0.0200A 0.1345B/*0.0595		0.1175 + 0.0210 0.0335 NEW 0.0955 + 0.0255	.5313 .4015 .7578			2 1		10 2 + 4	UNCH 2 UNCH
43 43 43	0		0.1585B/0.0920A #0.1765B/0.1150	0.1585B/0.0920A #0.1765B/0.1150		0.1250 + 0.0240 0.1480 + 0.0250	.6459					5 1	UNCH
43 43	0		0.0435B/0.0110A 0.1305B/0.0930A	0.0435B/0.0110A 0.1305B/0.0930A		0.0185 - 0.0190 0.1370 NEW	.2420 .8695			 5		6 5 +	UNCH 5
43 43	5		0.1980B/0.1230A 0.0545B/*0.0240	0.1980B/0.1230A 0.0545B/*0.0240		0.1610 + 0.0285 0.0335 - 0.0165	.7331					1 7	UNCH UNCH
44 45 47	5	0.0470	#0.0595B/*0.033 /*0.0015A	#0.0595B/*0.033 /*0.0015A		0.0440 NEW 0.0005 - 0.0015 0.0005 UNCH	.2433 .0059 .0001			19 		1 + 10 1	UNCH UNCH
47 TOT	0		/*0.0025A	/*0.0025A		0.0020 - 0.0015	.0196			 49		2 204 +	UNCH 30
	CALL	COMEX COPPER OPTION	ONS										
33 34	5					0.9175 UNCH 0.8675 UNCH						0	UNCH UNCH
34 34	5					0.8575 UNCH 0.8175 UNCH 0.8075 UNCH						0 0 0	UNCH
34 34 34	8					0.8075 UNCH 0.7875 UNCH 0.7775 UNCH						0	UNCH UNCH UNCH
35 36	5					0.7175 UNCH 0.6675 UNCH						0 0	UNCH
36 36	4					0.6275 UNCH 0.6175 UNCH						0	UNCH
36 36 37	9					0.5875 UNCH 0.5775 UNCH 0.5675 UNCH						0 0 0	UNCH UNCH UNCH
37 37 37	1					0.5575 UNCH 0.5475 UNCH						0	UNCH UNCH
37 37	6					0.5175 UNCH 0.5075 UNCH						0	UNCH UNCH
37 37	8					0.4975 UNCH 0.4875 UNCH 0.4775 UNCH						0 0 0	UNCH UNCH UNCH
37 38 38	0					0.44775 UNCH 0.4675 UNCH 0.4575 UNCH						0	UNCH UNCH UNCH
38 38	2					0.4475 UNCH 0.4375 UNCH						0	UNCH UNCH
38 38	5					0.4275 UNCH 0.4175 UNCH 0.4075 UNCH						0 0 0	UNCH
38 38 38	7					0.4075 UNCH 0.3975 UNCH 0.3875 UNCH						0	UNCH UNCH UNCH
38 39	9					0.3775 UNCH 0.3675 UNCH						0	UNCH UNCH
39 39	2					0.3575 UNCH 0.3475 UNCH						0	UNCH
39 39 39	4					0.3375 UNCH 0.3275 UNCH 0.3175 UNCH						0 0 0	UNCH UNCH UNCH
39 39	6					0.3075 UNCH 0.2975 UNCH						0 0	UNCH
39 39	8					0.2875 UNCH 0.2775 UNCH						0	UNCH
40 40 40	1					0.2675 UNCH 0.2575 UNCH 0.2475 UNCH						0 0 0	UNCH UNCH UNCH
40 40	3					0.2375 UNCH 0.2275 UNCH						0 0	UNCH
40 40	6					0.2175 UNCH 0.2075 UNCH						0	UNCH
40 40 40	8					0.1975 UNCH 0.1875 UNCH 0.1775 UNCH						0 0 0	UNCH UNCH UNCH
41 41	.0					0.1675 UNCH 0.1575 UNCH						0 0	UNCH
41 41	.4 .5					0.1275 UNCH 0.1175 UNCH						0	UNCH
41 41	.7					0.1075 UNCH 0.0975 UNCH 0.0875 UNCH						0 0 0	UNCH UNCH UNCH
41 41 42	9					0.0775 UNCH 0.0675 UNCH						0	UNCH
42 42	1					0.0575 UNCH 0.0475 UNCH						0	UNCH UNCH
42 42	4					0.0375 UNCH 0.0275 UNCH 0.0175 UNCH						0 0 0	UNCH UNCH UNCH
42 42 42	6					0.0075 UNCH 0.0000 UNCH						0	UNCH
42 43	9					0.0000 UNCH 0.0000 UNCH						0	UNCH UNCH
43 43	5					0.0000 UNCH 0.0000 UNCH 0.0000 UNCH						0 0 0	UNCH UNCH UNCH
44 TOT	AL					0.0000 UNCII						o	ONCH
MAR 17 20	5					2.4725 - 0.0450 2.2225 - 0.0450	.0000					5 1	UNCH UNCH
27 30	0	1.2500	#1.2500/1.2500	#1.2500/1.2500		1.5225 - 0.0450 1.2225 NEW	.9999 .9954					2 2 +	UNCH 2
32 33	0					1.0225 - 0.0450 0.8730 - 0.0450	.9923 .9887					4 11	UNCH UNCH
34 34 35	5	0.8200	0.8200/0.8200	0.8200/0.8200 		0.8235 - 0.0445 0.7735 - 0.0450 0.7240 - 0.0445	.9880 .9849 .9816			1 		75 - 24 62	1 UNCH UNCH
35 35	4 6					0.6845 - 0.0445 0.6645 - 0.0445	.9806 .9776					1 20	UNCH UNCH
35 36	7		/0.5800A	/0.5800A		0.6545 - 0.0445 0.6250 - 0.0445	.9774					46 48	UNCH
36 36 36	5					0.5860 - 0.0440 0.5760 - 0.0440 0.5565 - 0.0440	.9700 .9671 .9637					330 75	UNCH UNCH UNCH
37 37	2		0.5830B/0.4830A	0.5830B/0.4830A		0.5275 - 0.0435 0.5085 - 0.0430	.9596 .9536					907 10	UNCH UNCH
37 37	3					0.4990 - 0.0430 0.4800 - 0.0425	.9506 .9444					26 1225	UNCH UNCH
37 37 37	8					0.4610 - 0.0425 0.4515 - 0.0425 0.4425 - 0.0420	.9381 .9349 .9296					4 22 10	UNCH UNCH UNCH
37 38 38	0		0.4860B/0.3900A	0.4860B/0.3900A		0.4423 - 0.0420 0.4330 - 0.0420 0.4240 - 0.0415	.9263					253 35	UNCH UNCH UNCH
38 38	2					0.4145 - 0.0415 0.4055 - 0.0415	.9175 .9121					53 15	UNCH UNCH
38 38	5					0.3965 - 0.0410 0.3875 - 0.0405 0.3785 - 0.0405	.9066 .9011 .8956					5 607 78	UNCH UNCH UNCH
38 38 38	7					0.3695 - 0.0405 0.3605 - 0.0405	.8900 .8844					13 46	UNCH UNCH
39 39	0		0.3930B/0.3030A /0.2940A	/0.2940A		0.3435 - 0.0395 0.3350 - 0.0390	.8712 .8638			10 		2183 - 15	10 UNCH
39 39	3		/0.2860A /0.2780A /0.2700A	/0.2860A /0.2780A /0.2700A		0.3265 - 0.0390 0.3180 - 0.0390 0.3100 - 0.0380	.8547 .8472 .8397					8 8 12	UNCH UNCH UNCH
39 39 39	5		/0.2700A /0.2620A /0.2545A	/0.2620A /0.2620A /0.2545A		0.3100 - 0.0380 0.3020 - 0.0375 0.2935 - 0.0375	.8397 .8307 .8216					341 15	UNCH UNCH UNCH
		CONTATNED IN THE			NCE OF THE USER AND			DONCTRE	LTTV FOR	ACCUBAC	V OB CON		

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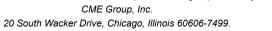
-1000

PG6	4 BULLETI	n # 180		ME	TALS OPTION P	RODUCTS				Fri	1an 27	2023	PG64
100	GLOBEX	OPEN OUTCRY	GLOBEX	OPEN OUTCRY	OPEN OUTCRY	SETT. PRICE			OPEN			2023	- 40-
	OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE.	DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN REST
HX C MAR2	3	COMEX COPPER OPTIO		(0.24704		0 2055 0 0275	0126					77	IINGII
397 398 399			/0.2470A /0.2395A 0.3155B/0.2320A			0.2855 - 0.0375 0.2775 - 0.0370 0.2700 - 0.0360	.8126 .8035 .7944					77 12 42	UNCH UNCH UNCH
400 401			0.3115B/0.2250A 0.3035B/0.2175A	0.3115B/0.2250A 0.3035B/0.2175A		0.2620 - 0.0360 0.2545 - 0.0355	.7852 .7748					2914 7	UNCH UNCH
402 403 404			0.2955B/0.2105A 0.2875B/0.2040A 0.2790B/0.1970A	0.2955B/0.2105A 0.2875B/0.2040A 0.2790B/0.1970A		0.2470 - 0.0350 0.2395 - 0.0345 0.2320 - 0.0340	.7644 .7540 .7435					8 65 45	UNCH UNCH UNCH
405 406			0.2715B/0.1905A 0.2635B/0.1840A	0.2715B/0.1905A 0.2635B/0.1840A		0.2250 - 0.0335 0.2180 - 0.0330	.7321 .7206			5		277 21	UNCH
407 408			0.2565B/0.1780A 0.2490B/0.1715A	0.2565B/0.1780A 0.2490B/0.1715A		0.2110 - 0.0325 0.2045 - 0.0315 0.1975 - 0.0315	.7091 .6976					77 920	UNCH
409 410 412			0.2415B/0.1655A 0.2340B/0.1595A 0.2195B/*0.1485	0.2415B/0.1655A 0.2340B/0.1595A 0.2195B/*0.1485		0.1910 - 0.0305 0.1785 - 0.0295	.6853 .6731 .6480					108 1416 2	UNCH UNCH UNCH
413 414			0.2130B/*0.1430 0.2060B/0.1375A	0.2130B/*0.1430 0.2060B/0.1375A		0.1725 - 0.0285 0.1665 - 0.0280	.6352					220 19	UNCH
415 416 417	0.1500	0.1500	0.2000B/0.1325A 0.1930B/*0.1275 0.1865B/*0.1225	0.2000B/0.1325A 0.1930B/*0.1275 0.1865B/*0.1225		0.1610 - 0.0270 0.1550 - 0.0270 0.1495 - 0.0265	.6096 .5964 .5836			5 5 		341 55 + 25	UNCH 1 UNCH
418 419			0.1805B/*0.1180 0.1750B/*0.1135	0.1805B/*0.1180 0.1750B/*0.1135		0.1440 - 0.0260 0.1390 - 0.0250	.5702 .5571			10		20 14	UNCH UNCH
420 421 422			0.1690B/0.1090A 0.1635B/*0.1045 0.1575B/*0.1005	0.1690B/0.1090A 0.1635B/*0.1045 0.1575B/*0.1005		0.1340 - 0.0245 0.1290 - 0.0235 0.1240 - 0.0235	.5439 .5307 .5175			17 27 		1419 - 36 + 39	10 27 UNCH
423 424			0.1520B/*0.0970 0.1470B/*0.0930	0.1520B/*0.0970 0.1470B/*0.0930		0.1195 - 0.0225 0.1145 - 0.0225	.5044 .4912					47 34	UNCH UNCH
425 426 427	0.1005	0.1005	0.1415B/0.0890A 0.1365B/*0.0855 0.1315B/*0.0820	0.1415B/0.0890A 0.1365B/*0.0855 0.1315B/*0.0820		0.1105 - 0.0210 0.1060 - 0.0210 0.1020 - 0.0200	.4783 .4652 .4525			17 3		2444 15 21	UNCH UNCH UNCH
428 429			0.1265B/*0.0785 0.1215B/*0.0750	0.1265B/*0.0785 0.1215B/*0.0750		0.0975 - 0.0200 0.0940 - 0.0190	.4394 .4271					15 4	UNCH
430 431	0.0930	0.0930	0.1170B/0.0715A 0.1125B/*0.0685 0.1085B/*0.0655	0.1170B/0.0715A 0.1125B/*0.0685 0.1085B/*0.0655		0.0900 - 0.0185 0.0860 - 0.0180 0.0825 - 0.0175	.4145 .4018 .3896			 		588 - 1 8	1 UNCH UNCH
432 433 434	0.0815 0.0605	0.0815 0.0605	0.1040B/*0.0630 0.1000B/*0.0600	0.1040B/*0.0630 0.1000B/*0.0600		0.0825 - 0.0175 0.0790 - 0.0170 0.0755 - 0.0165 0.0725 - 0.0160	.3775 .3654			1 13		27 + 21 +	1 5
435 436	0.0785	0.0785	0.0960B/0.0575A 0.0920B/*0.0550	0.0960B/0.0575A 0.0920B/*0.0550		0.0725 - 0.0160 0.0695 - 0.0155 0.0635 - 0.0145	.3540 .3427			41 		1157 - 10 11	17 UNCH
438 439 440	0.0750 0.0745	0.0750 0.0745	0.0850B/*0.0500 0.0815B/*0.0480 0.0780B/0.0455A	0.0850B/*0.0500 0.0815B/*0.0480 0.0780B/0.0455A		0.0605 NEW 0.0580 - 0.0135	.3201 .3088 .2985			10 198		10 + 2663 +	UNCH 10 159
441 442	0.0585 0.0555	0.0585 0.0555	0.0745B/*0.0435 0.0715B/*0.0415	0.0745B/*0.0435 0.0715B/*0.0415		0.0555 - 0.0130 0.0530 - 0.0125	.2882 .2779			26 17		49 + 53 +	24 17
443 444 445	0.0505	0.0530 0.0505 0.0615	0.0685B/*0.0400 0.0655B/*0.0380 0.0630B/0.0360A	0.0685B/*0.0400 0.0655B/*0.0380 0.0630B/0.0360A		0.0510 - 0.0120 0.0485 - 0.0115 0.0465 - 0.0110	.2688 .2587 .2497			12 10 35		50 + 33 + 1066 +	12 10 2
446 447	0.0460 0.0440	0.0460 0.0440	0.0600B/*0.0345 #0.0450/*0.0330	0.0600B/*0.0345 #0.0450/*0.0330		0.0445 - 0.0105 0.0420 NEW	.2407			12 62		68 + 61 +	12 61
450 455 460	0.0295	0.0450 0.0295 0.0225	0.0500B/0.0280 0.0395B/0.0220A 0.0305B/0.0165A	0.0500B/0.0280 0.0395B/0.0220A 0.0305B/0.0165A		0.0360 - 0.0095 0.0280 - 0.0080 0.0215 - 0.0065	.2039 .1655 .1324			1216 73 113	641	8450 + 108 + 794 +	738 21 43
460 465 470	0.0175	0.0175 0.0085	0.0240B/0.0125A 0.0180B/0.0085	0.0240B/0.0125A 0.0180B/0.0085		0.0165 - 0.0050 0.0125 - 0.0045	.1052			71 344		511 + 1523 +	57 338
475 480	0.0045	0.0075 0.0045	0.0140B/0.0070 0.0105B/*0.0045			0.0090 - 0.0040 0.0070 - 0.0030	.0622			954 84 7	641	5817 + 881 +	1425 31
485 490 495	0.0050	0.0040 0.0050 0.0020	0.0045/*0.0040 0.0050/*0.0025 0.0020/*0.0015	0.0045/*0.0040 0.0050/*0.0025 0.0020/*0.0015		0.0050 - 0.0030 0.0035 - 0.0025 0.0025 - 0.0020	.0364 .0264 .0194			17 24		111 + 65 - 24 +	1 23
500 505	0.0025	0.0025	0.0025/*0.0020A /*0.0015A	0.0025/*0.0020A /*0.0015A		0.0020 - 0.0015 0.0015 - 0.0015	.0155 .0118					126 12	UNCH UNCH
510 515 520			/*0.0010A /*0.0010A /*0.0010A	/*0.0010A /*0.0010A /*0.0010A		0.0010 - 0.0015 0.0005 - 0.0015 0.0005 - 0.0010	.0081 .0043 .0029					34 10 19	UNCH UNCH UNCH
525 535						0.0005 - 0.0005 0.0005 UNCH	.0019 .0008					1 5	UNCH UNCH
540 545 550		 0.0005	 0.0005/*0.0005	 0.0005/*0.0005		0.0005 UNCH 0.0005 UNCH 0.0005 UNCH	.0005 .0003 .0002			21 1		8 21 + 32	UNCH 19 UNCH
625 700						0.0005 UNCH 0.0005 UNCH						3 30	UNCH UNCH
825 TOTA						0.0005 UNCH			1282	3480		1 41819+	3003
APR2 335			 0.8850B/0.7925A	 0.8850B/0.7925A		0.8850 - 0.0435 0.8365 - 0.0430	.9722 .9660					6 16	UNCH
340 350 355			0.7930B/0.6975A	0.7930B/0.6975A		0.7410 - 0.0420 0.6940 - 0.0415	.9484					19 17	UNCH
365 367			 	 		0.6025 - 0.0405 0.5845 - 0.0405	.9080					56 1	UNCH
370 373 380			0.6065B/0.5180A 0.5195B/0.4340A	0.6065B/0.5180A 0.5195B/0.4340A		0.5585 - 0.0395 0.5325 - 0.0390 0.4740 - 0.0370	.8892 .8762 .8410					1 7 44	UNCH UNCH UNCH
381 385			/0.4260A 0.4785B/0.3950A	/0.4260A 0.4785B/0.3950A		0.4660 - 0.0365 0.4340 - 0.0350	.8353 .8124					19 15	UNCH
390 391 395		0.3320	0.4420B/0.3585A 0.4340B/0.3515A 0.4035B/0.3235A	0.4420B/0.3585A 0.4340B/0.3515A 0.4035B/0.3235A		0.3960 - 0.0335 0.3885 - 0.0330 0.3595 - 0.0315	.7812 .7746 .7475			 1		260 2 21	UNCH UNCH UNCH
398 400	0.2980	0.2980	0.3810B/0.3035A 0.3665B/0.2910A	0.3810B/0.3035A 0.3665B/0.2910A		0.3385 - 0.0305 0.3250 - 0.0295	.7258 .7108			2		7 978	UNCH UNCH
404 405 406			0.3385B/0.2665A 0.3310B/0.2605A 0.3245B/0.2545A	0.3385B/0.2665A 0.3310B/0.2605A 0.3245B/0.2545A		0.2990 - 0.0280 0.2925 - 0.0280 0.2865 - 0.0275	.6803 .6725 .6644					1 22 30	UNCH UNCH UNCH
410 414			0.2980B/0.2320A 0.2730B/0.2110A	0.2980B/0.2320A 0.2730B/0.2110A		0.2620 - 0.0260 0.2395 - 0.0245	.6323 .5993			1		179 - 2	1 UNCH
415 416 417			0.2670B/0.2060A 0.2615B/0.2010A 0.2570B/0.1960A	0.2670B/0.2060A 0.2615B/0.2010A 0.2570B/0.1960A		0.2340 - 0.0240 0.2285 - 0.0235 0.2235 - 0.0230	.5910 .5827 .5743					79 50 1	UNCH UNCH UNCH
418 419			0.2515B/0.1915A 0.2455B/0.1870A	0.2515B/0.1915A 0.2455B/0.1870A		0.2180 - 0.0230 0.2130 - 0.0225	.5659 .5575					5 50	UNCH UNCH
420 423 424			0.2400B/0.1820A 0.2240B/*0.1685 0.2185B/*0.1640	0.2400B/0.1820A 0.2240B/*0.1685 0.2185B/*0.1640		0.2080 - 0.0220 0.1930 - 0.0210 0.1885 - 0.0205	.5491 .5239 .5155					347 5 1	UNCH UNCH UNCH
425 428			0.2135B/0.1600A 0.1985B/*0.1475	0.2135B/0.1600A 0.1985B/*0.1475		0.1835 - 0.0205 0.1700 - 0.0195	.5071 .4820			6		602 14	UNCH UNCH
430 435 437			0.1890B/0.1400A 0.1670B/0.1220A 0.1585B/*0.1155	0.1890B/0.1400A 0.1670B/0.1220A 0.1585B/*0.1155		0.1615 - 0.0190 0.1420 - 0.0170 0.1345 - 0.0165	.4654 .4250 .4091					911 249 11	UNCH UNCH UNCH
438 440		0.1225	0.1545B/*0.1125 0.1465B/0.1060A	0.1545B/*0.1125 0.1465B/0.1060A		0.1310 - 0.0160 0.1240 - 0.0155	.4013 .3858			100		13 314 +	UNCH 32
441 445 450			0.1430B/*0.1030 0.1285B/0.0920A 0.1120B/0.0790A	0.1430B/*0.1030 0.1285B/0.0920A 0.1120B/0.0790A		0.1205 - 0.0155 0.1080 - 0.0140 0.0935 - 0.0125	.3780 .3483 .3126			 5		3 60 6475 +	UNCH UNCH 2
455 460		0.0760	0.0970B/0.0680A 0.0840B/0.0585A	0.0970B/0.0680A 0.0840B/0.0585A		0.0805 - 0.0115 0.0695 - 0.0100	.2788 .2481			 91		12 1512 +	UNCH 2
465 470			0.0730B/0.0500A 0.0630B/0.0430A 0.0540B/0.0370A	0.0730B/0.0500A 0.0630B/0.0430A 0.0540B/0.0370A		0.0595 - 0.0095 0.0510 - 0.0085 0.0440 - 0.0070	.2192 .1932 .1704			150 12		123 + 10 590 +	84 UNCH 12
475 480 485	0.0330	0.0330	0.0465B/0.0315A 0.0400B/0.0270A	0.0465B/0.0315A 0.0400B/0.0270A		0.0375 - 0.0065 0.0320 - 0.0060	.1490 .1300			15 		392 27	UNCH UNCH
490 495			0.0345B/0.0235A 0.0295B/0.0200A	0.0345B/0.0235A 0.0295B/0.0200A		0.0275 - 0.0055 0.0235 - 0.0050	.1138 .0991					337 18	UNCH
500 505 510			0.0255B/0.0175A 0.0220B/0.0150A 0.0190B/0.0130A	0.0255B/0.0175A 0.0220B/0.0150A 0.0190B/0.0130A		0.0200 - 0.0045 0.0175 - 0.0035 0.0150 - 0.0035	.0859 .0758 .0659			6 		5563 + 2 3	5 UNCH UNCH
515 520			0.0165B/0.0115A /0.0100A	0.0165B/0.0115A /0.0100A		0.0130 - 0.0030 0.0110 - 0.0030	.0576 .0495					28 20	UNCH
525 530 535			/0.0090A /0.0080A /0.0070A	/0.0090A /0.0080A /0.0070A		0.0100 - 0.0020 0.0085 - 0.0020 0.0075 - 0.0020	.0448 .0386 .0342			1 1 		23 + 1501 3	1 UNCH UNCH
540 545			/0.0060A /0.0055A	/0.0060A /0.0055A		0.0065 - 0.0015 0.0055 - 0.0015	.0298 .0256					19 12	UNCH UNCH
550 555 560			/0.0050A /0.0045A /*0.0040A	/0.0050A /0.0045A /*0.0040A		0.0050 - 0.0015 0.0045 - 0.0010 0.0040 - 0.0010	.0231 .0208 .0185			 1		200 3 +	UNCH UNCH 1
565			/0.0040A	/0.0040A		0.0035 - 0.0010	.0162					44	UNCH

METALS OPTIONS PRODUCTS

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Side 42

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PG6	64 RIII 1 ET	IN # 18@		ME	TINAL TALS OPTION PRO	DDUCTS				Fri	Jan 27	, 2023 PG	64
	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	OPE INTERES	EN .
HX (APR2 57 600 700 800 TOTA	23 5 0 0	COMEX COPPER OPTI	CONS 		 	0.0030 - 0.0005 0.0015 - 0.0005 0.0005 UNCH 0.0005 UNCH	.0137 .0070 .0004 .0000			 392		2 Ur 1 Ur 8 Ur	NCH NCH NCH NCH 138
MAY;7337335335336373373373737373737373737373	23 5	0.4520 0.4520 0.2825 0.2815 0.2130 0.1925 0.1710 0.0230	0.8040B/0.7125A 0.6285B/0.5425A 0.5860B/0.5035A 0.5490B/0.4655A 0.5105B/0.3950A 0.4730B/0.3950A 0.4365B/0.3625A 0.3050B/0.2760A 0.3105B/0.2760A 0.3105B/0.2505A 0.2515/*0.2515 0.2850B/0.265A 0.2355B/0.1845A 0.2130/0.1660A 0.1925/0.1485A 0.2130/0.160A 0.1255B/0.0945A 0.1735B/0.0945A 0.1000B/0.0745A 0.0895B/0.085A 0.0710B/0.0520A 0.050B/0.0460A 0.0795B/0.0350A 0.050B/0.0450A 0.050B/0.0450A 0.050B/0.0450A 0.050B/0.0150A 0.050B/0.0150A 0.0395B/0.0285A 0.0310B/0.0230A 0.0395B/0.0285A 0.0310B/0.0230A 0.0250B/0.0150A 0.0250B/0.0150A 0.0250B/0.0150A 0.0250B/0.0150A 0.0250B/0.0150A 0.020B/0.0150A 0.020B/0.0150A 0.0160B/0.0120A/0.0100A/0.0090A	0.8040B/0.7125A 0.6285B/0.5425A 0.5860B/0.5035A 0.5490B/0.4655A 0.5105B/0.4295A 0.4730B/0.3950A 0.4365B/0.3625A 0.4730B/0.3950A 0.3395B/0.2760A 0.3395B/0.2760A 0.3105B/0.2515 0.2850B/0.2265A 0.2515B/0.2515 0.2850B/0.2265A 0.2515B/0.1845A 0.2130/0.1660A 0.1925/0.1485A 0.2130/0.1660A 0.1925/0.1485A 0.1335B/0.050A 0.255B/0.0845A 0.2130/0.1660A 0.1735B/0.1330A 0.1560B/0.1130A 0.1560B/0.0100A 0.1255B/0.0945A 0.1000B/0.0750B/0.		0.7540 - 0.0405 0.7090 - 0.0405 0.6230 - 0.0380 0.5820 - 0.0365 0.5420 - 0.0355 0.5430 - 0.0355 0.5035 - 0.0340 0.4660 - 0.0320 0.3640 - 0.0285 0.3345 - 0.0270 0.3045 - 0.0255 0.2775 - 0.0240 0.2575 NEW 0.2525 - 0.0220 0.2290 - 0.0205 0.2075 - 0.0190 0.1870 - 0.0180 0.1685 - 0.0165 0.1685 - 0.0155 0.1360 - 0.0140 0.1215 - 0.0150 0.1685 - 0.0120 0.0860 - 0.0100 0.1685 - 0.0120 0.0860 - 0.0100 0.0675 - 0.0090 0.0760 - 0.0100 0.0675 - 0.0090 0.0670 - 0.00060 0.0375 - 0.0095 0.0420 - 0.0066 0.0375 - 0.0095 0.0420 - 0.0066 0.0375 - 0.0095 0.0420 - 0.0060 0.0375 - 0.0050 0.0420 - 0.0060 0.0375 - 0.0050 0.0420 - 0.0060 0.0375 - 0.0050 0.0420 - 0.0060 0.0375 - 0.0050 0.0420 - 0.0060 0.0375 - 0.0050 0.0260 - 0.0040 0.0205 - 0.0035 0.0165 - 0.0030 0.0165 - 0.0030 0.0165 - 0.0030 0.0165 - 0.0020 0.0055 - 0.0020 0.0055 - 0.0020 0.0055 - 0.0020 0.0055 - 0.0020 0.0055 - 0.00010 0.0010 UNCH	.9143 .9002 .8651 .8444 .8220 .77968 .77423 .7127 .6819 .6819 .6819 .55492 .5154 .4492 .4173 .3864 .4821 .4492 .4173 .3868 .3281 .3218 .2510 .25			120 		110 UP 4 UP 25 UP 26 UP 26 UP 27 UP 26 UP 27 UP	NCH H NCH 1 1 1 1 1 39 H N NCH H N N N N
TOT./ 26635 37: 38: 38: 38: 39: 40: 41: 41: 42: 43: 44: 44: 45: 46: 47: 48: 49: 49: 50: 51: 55: 55: 57: 55: 57: TOT./	AL 23 0 0 5 0 0 5 0 0 5 0 0 5 0		0.65908/0.5755A 0.58158/0.5030A 0.54508/0.4650A 0.54508/0.4650A 0.44308/0.3755A 0.441208/0.3375A 0.38258/0.23215A 0.38258/0.23215A 0.330588/0.2720A 0.28208/0.2295A 0.25958/0.105A 0.21958/0.1765A 0.21958/0.1765A 0.21958/0.1765A 0.2158/0.1610A 0.15458/0.1220A 0.12858/0.1010A 0.11708/0.0915A 0.10658/0.0930A 0.09708/0.0755A 0.08558/0.0470A 0.05508/0.0470A 0.05508/0.0470A 0.05508/0.0470A 0.05508/0.0355A 0.04558/0.0355A 0.04158/0.0325A 0.04558/0.0325A 0.04158/0.0325A 0.04158/0.0325A 0.04158/0.0325A 0.04158/0.0325A 0.04158/0.0325A 0.04158/0.0325A 0.04158/0.0355A	0.6590B/0.5755A 0.5815B/0.5030A 0.5450B/0.4690A 0.5090B/0.4365A 0.4430B/0.3755A 0.4120B/0.3480A 0.3825B/0.3215A 0.3570B/0.2970A 0.3305B/0.2720A 0.3305B/0.2720A 0.20595B/0.2105A 0.2390B/0.1930A 0.2595B/0.2105A 0.2390B/0.1930A 0.2195B/0.1610A 0.1170B/0.0915A 0.1055B/0.1610A 0.1170B/0.0915A 0.0855B/0.0850A 0.0805B/0.0610 0.0605B/0.0470A 0.0550B/0.0425A 0.0500B/0.0325A 0.0455B/0.0325A		1.6350 - 0.0430 0.7330 - 0.0380 0.6125 - 0.0350 0.5385 - 0.0320 0.5030 - 0.0315 0.4695 - 0.0270 0.3770 - 0.0260 0.3495 - 0.0245 0.3230 - 0.0235 0.2985 - 0.0220 0.2750 - 0.0250 0.2530 - 0.0190 0.2135 - 0.0180 0.2135 - 0.0160 0.1790 - 0.0150 0.1360 - 0.0130 0.1125 - 0.0115 0.1025 - 0.0110 0.0935 - 0.0100 0.0850 - 0.0095 0.0770 - 0.0090 0.0770 - 0.0090 0.0770 - 0.0095 0.0770 - 0.0085 0.0352 - 0.0070 0.0435 - 0.0065 0.0435 - 0.0065 0.0330 - 0.0055 0.0330 - 0.0045 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0040 0.0250 - 0.0045 0.0055 - 0.0040	.9891 .8655 .8103 .7662 .7122 .7174 .6371 .6371 .5243 .4962 .4150 .4150 .4150 .2743 .2548 .2186 .2189 .2021 .1867 .1466 .1245 .1145 .1365 .0976 .0829 .0761 .0605 .0384 .0091			300 1 40 40 125		3803 + 2	1444 HOLD HOLD HOLD HOLD HOLD HOLD HOLD HOLD
JULZ 351363 388 389 400 402 433 444 445 455 555 556 602 655 772 800 82 TOT.	0		0.8390B/0.7575A 0.7570B/0.6790A 0.6055B/0.6790A 0.5075B/0.5355A 0.5705B/0.5355A 0.5705B/0.5355A 0.34730B/0.4135A 0.4435B/0.3865A 0.3410B/0.2865A 0.3410B/0.2865A 0.3175B/0.2660A 0.2955B/0.2470A 0.2750B/0.2285A 0.2550B/0.2115A 0.2370B/0.1960A 0.2195B/0.1810A 0.1295B/0.1810A 0.1295B/0.1810A 0.1275B/0.1425A 0.1270B/0.1035A 0.1490B/0.1215A 0.1080B/0.0880A 0.0675B/0.0640A 0.0675B/0.0640A 0.0675B/0.0545A 0.05075B/0.0470A 0.05357A 0.05070A055A 0.05070A055A 0.05070A055A 0.05070A055A 0.0120A 0.0755A 0.0120A 0.0755A 0.0120A	0.8390B/0.7575A 0.7570B/0.6790A 0.6055B/0.5355A 0.5705B/0.5355A 0.5705B/0.5355A 0.5705B/0.5355A 0.4730B/0.4135A 0.4435B/0.3865A 0.3410B/0.2865A 0.3175B/0.2660A 0.2955B/0.2470A 0.2750B/0.2285A 0.2550B/0.2115A 0.2550B/0.2115A 0.12550B/0.1960A 0.2155B/0.1960A 0.2155B/0.1960A 0.2155B/0.1960A 0.2155B/0.1960A 0.2155B/0.1960A 0.1185B/0.1425A 0.1745B/0.1425A 0.1490B/0.1215A 0.1490B/0.1215A 0.1270B/0.1035A 0.0670B/0.0545A 0.0675B/0.0470A 0.0575B/0.0470A 0.0535/0.0435A 0.0575B/0.0455A 0.0575B/0.0455A 0.0500/0.2055A 0.0575B/0.0205A		0.7940 - 0.0375 0.7140 - 0.0355 0.5670 - 0.0310 0.5330 - 0.0300 0.5005 - 0.0290 0.4395 - 0.0220 0.3110 - 0.0210 0.2685 - 0.0190 0.2685 - 0.0190 0.2495 - 0.0180 0.2395 - 0.0180 0.2495 - 0.0180 0.2140 - 0.0160 0.1985 - 0.0150 0.1695 - 0.0135 0.1565 - 0.0135 0.1565 - 0.0135 0.1565 - 0.0130 0.1445 - 0.0120 0.1335 - 0.015 0.1090 - 0.0090 0.0705 - 0.0090 0.0705 - 0.0070 0.0605 - 0.0050 0.0520 - 0.0055	.8562 .8241 .7458 .7240 .7012 .6540 .5295 .5048 .4802 .4562 .4305 .3878 .3246 .3348 .3246 .3054 .2870 .2531 .1702 .1149 .1141 .1002 .0590 .0445 .0331 .0016 .0082			6 9 9		5 UN 26 UN 26 UN 5 UN 11 UN 21 UN 21 UN 21 UN 70 UN 70 UN 222 UN 3 UN 240 UN 240 UN 255 UN 555 UN 551 UN 65 UN 65 UN 66 + 14 + 14 + 10 UN 36 UN 36 UN 36 UN 36 UN 36 UN 37 UN 38 UN 36 UN 37 UN 38 UN 38 UN 39 UN 39 UN 30 UN 30 UN	NCH H
260 270 350 400 41	0 0 0 5 5	 	0.8540B/0.7770A 0.5000B/0.4435A 0.4710B/0.4170A 0.4210B/0.3675A	0.8540B/0.7770A 0.5000B/0.4435A 0.4710B/0.4170A 0.4210B/0.3675A D FOR THE CONVENIE		1.6360 - 0.0425 1.5365 - 0.0425 0.8110 - 0.0360 0.4685 - 0.0265 0.4410 - 0.0250 0.3890 - 0.0230	.9804 .9740 .8398 .6478 .6254 .5800		 			1 Ur 10 Ur 4 Ur 9 Ur 10 Ur	NCH NCH NCH NCH NCH NCH

METALS OPTIONS PRODUCTS

Side 43

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





CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 FINAL

PG6	4 BULLETI	N # 18@		ME	TALS OPTION PRO	DUCTS				Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX [®] VOLUME	PNT VOLUME	INTE	OPEN REST
HX C AUG2 425 430 450 470 500 515 825	3	COMEX COPPER OPTI	0.3710B/0.3195A 0.3480B/0.2990A 0.2670B/0.2275A 0.2025B/0.1720A 0.1325B/0.1130A 0.1070B/0.0920A /0.0060A	0.3710B/0.3195A 0.3480B/0.2990A 0.2670B/0.2275A 0.2025B/0.1720A 0.1325B/0.1130A 0.1070B/0.0920A /0.0060A		0.3420 - 0.0210 0.3205 - 0.0200 0.2450 - 0.0160 0.1855 - 0.0130 0.1215 - 0.0095 0.0980 - 0.0085 0.0050 - 0.0015	.5342 .5117 .4249 .3463 .2486 .2087					4 3 75 1 6 1 9	UNCH UNCH UNCH UNCH UNCH UNCH
SEP2 425 430 465 475 500 505 515 520 530 545 550 575 825		 	0.3950B/0.3535A 0.3725B/0.3330A /0.2165A /0.1910A /0.1400A /0.1160A /0.0965A /*0.0965A /*0.0755A /*0.0565A	0.39508/0.3535A 0.3725B/0.3330A /0.2165A /0.1910A /0.1400A /0.1160A /*0.1090A /*0.0805A /*0.0755A /*0.0755A		0.3725 - 0.0215 0.3505 - 0.0210 0.2280 - 0.0150 0.2010 - 0.0135 0.1465 - 0.0100 0.1375 - 0.0095 0.1210 - 0.0099 0.1135 - 0.0085 0.1000 - 0.0080 0.0830 - 0.0070 0.0780 - 0.0070 0.0575 - 0.0060 0.0060 - 0.0005	.5383 .5175 .3821 .3477 .2717 .2583 .2329 .2211 .1701 .1614 .1239 .0147				 	33 1 20 10 17 1 54 1 300 10 20 34 200 701	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
OCT2 450 470 500 650 TOTA	3	 	/0.2865A /0.2280A /0.1615A /0.0350A	/0.2865A /0.2280A /0.1615A /0.0350A	=====	0.2985 - 0.0175 0.2370 - 0.0150 0.1670 - 0.0115 0.0325 - 0.0035	.4463 .3774 .2883 .0703					1 300 1 0 302	UNCH UNCH UNCH UNCH
NOV2 415 530 700 TOTA	0.0285	0.0285	/0.4495A /0.1340A 0.0285/*0.0285	/0.4495A /0.1340A 0.0285/*0.0285		0.4670 - 0.0225 0.1360 - 0.0095 0.0265 NEW	.5813 .2343 .0554			 1 1		40 25 1 + 66+	UNCH UNCH 1 1
DEC2 350 420 425 435 450 465 470 530 550 5700 800 TOTA		 	/0.8550A/*0.4530A/*0.4315A/*0.3915A/*0.2905A/*0.2765A/*0.2635A/*0.2060A/*0.1245A/*0.1285A/*0.1030A	/0.8550A /*0.4530A /*0.4315A /*0.3915A /*0.2905A /*0.2765A /*0.2635A /*0.2060A /*0.1545A /*0.1285A /*0.1030A		0.8805 - 0.0320 0.4670 - 0.0270 0.4445 - 0.0265 0.4025 - 0.0255 0.3465 - 0.0230 0.2975 - 0.0205 0.2880 - 0.0195 0.2680 - 0.0185 0.2085 - 0.0145 0.1550 - 0.0095 0.1275 - 0.0075 0.1005 - 0.0060 0.0350 - 0.0035 0.0175 - 0.0030	.7911 .5649 .5474 .5129 .4629 .4155 .4005 .3858 .3181 .2509 .2136 .1747 .0681 .0355				 	5 4 170 210 300 1 4 170 210 6 6 150 2 1 1239	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
JAN2 350 500 TOTA						0.8855 - 0.0385 0.2230 - 0.0215	.7849 .3266					35 65 100	UNCH UNCH
HX P FEB2 400 408 4110 415 416 417 418 420 423 424 425 426 428 430 431 435 436 438 439 4445 450 446 A38	3	COMEX COPPER OPTI				0.0000 UNCH 0.0000 UNCH 0.0025 UNCH 0.0125 UNCH 0.0225 UNCH 0.0325 UNCH 0.0825 UNCH 0.0825 UNCH 0.1125 UNCH 0.1225 UNCH 0.1625 UNCH 0.1625 UNCH 0.1625 UNCH 0.1625 UNCH 0.1625 UNCH						000000000000000000000000000000000000000	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
150 175 200 220 235 235 245 250 255 260 275 280 295 295 300 315 320 335 340 341 341 344 344 344 345 346 351 351 351 351 351 351 351 351 351 351	0.0010					0.0005 UNCH 0.0015				33		1 30 12 85 17 22 2710 2 74 20 1 1704 18 18 290 24 388 - 232 39 34 459 618 1685 215 3694 50 10 11 11 423 27 5 968 10 90 90 90 90 90 90 90 90 90 90 90 90 90	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH

METALS OPTIONS PRODUCTS





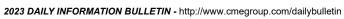
2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

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					FINAL								
PG6	4 BULLETI	N # 18@		ME	TALS OPTION F	PRODUCTS				Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER	OPEN OUTCRY	GL0BEX®	DNT	,	OPEN
			,	HIGH/ LOW	CLOSE RANGE	& FI.CHGE.	DELTA	CISES	VOLUME	VOLUME	VOLUME	INTE	
HX P	3	COMEX COPPER OPTIC	ONS 0.0045B/	0.0045B/		0.0045 + 0.0010	.0295					55	UNCH
363 364 365		0.0045	0.0050B/ 0.0050B/0.0040	0.0050B/ 0.0050B/0.0040		$0.0045 + 0.0005 \\ 0.0050 + 0.0010$.0299					3 222 +	UNCH 1
367 368			0.0060B/ 0.0060B/	0.0060B/		0.0055 + 0.0010 0.0055 + 0.0010	.0361					3 110	UNCH
369 370 371			0.0065B/ 0.0070B/ 0.0075B/	0.0065B/ 0.0070B/ 0.0075B/		$\begin{array}{cccc} 0.0060 & + & 0.0015 \\ 0.0060 & + & 0.0010 \\ 0.0065 & + & 0.0015 \end{array}$.0396 .0402 .0432					6 1031 20	UNCH UNCH UNCH
372 373	0.0070	0.0070	0.0080B/0.0070 0.0085B/	0.0080B/0.0070 0.0085B/		0.0070 + 0.0015 0.0075 + 0.0020	.0463			5		25 + 11	3 UNCH
374 375	0.0070 0.0070	0.0070 0.0070	0.0090B/0.0070 0.0100B/0.0070	0.0090B/0.0070 0.0100B/0.0070		0.0080 + 0.0020 0.0085 + 0.0020	.0524			5 8		24 + 496 -	5 3
376 377 378	0.0085	0.0085	0.0105B/ 0.0110B/0.0085 0.0120B/	0.0105B/ 0.0110B/0.0085 0.0120B/		0.0090 + 0.0025 0.0095 + 0.0025 0.0100 + 0.0025	.0586 .0617 .0649			5		12 403 + 60	UNCH 2 UNCH
379 380	0.0090	0.0090	0.0125B/ 0.0140B/*0.0085	0.0125B/ 0.0140B/*0.0085		$0.0110 + 0.0030 \\ 0.0115 + 0.0030$.0703 .0736			 17		160 1079 +	UNCH 1
381 382		 0.0140	0.0150B/ 0.0155B/ 0.0165B/0.0140	0.0150B/ 0.0155B/ 0.0165B/0.0140		0.0125 + 0.0035 0.0130 + 0.0035 0.0140 + 0.0035	.0790 .0824 .0878			 23		122 9 25 -	UNCH UNCH 1
383 384 385	0.0140	0.0140 0.0140 0.0145	0.0180B/0.0140 0.0195/0.0145	0.0180B/0.0140 0.0195/0.0145		0.0150 + 0.0040 0.0160 + 0.0045	.0932			4 69		38 + 174 +	4 65
386 387	0.0145	0.0145 0.0155	0.0205B/0.0145 0.0220B/*0.0130	0.0205B/0.0145 0.0220B/*0.0130		0.0170 + 0.0045 0.0180 + 0.0045	.1043			13 15		97 + 28 +	12 15
388 389 390	0.0175	0.0165 0.0175 0.0190	0.0235B/*0.0140 0.0250B/*0.0150 0.0270B/0.0160A			0.0190 + 0.0045 0.0205 + 0.0050 0.0215 + 0.0050	.1155 .1229 .1286			12 35 32		36 + 50 + 449 +	12 15 12 25 10
391 392	0.0200 0.0215	0.0200 0.0215	0.0285B/*0.0170 0.0305B/*0.0180	0.0285B/*0.0170 0.0305B/*0.0180		0.0230 + 0.0055 0.0250 + 0.0060	.1361			19 24		68 + 56 +	19 24 42
393 394	0.0230 0.0245	0.0230 0.0245	0.0325B/0.0195A 0.0345B/*0.0205 0.0365B/*0.0220	0.0325B/0.0195A 0.0345B/*0.0205 0.0365B/*0.0220		0.0265 + 0.0065 0.0280 + 0.0065	.1526			42 60		76 + 203 +	42 59 77
395 396 397	0.0270	0.0260 0.0270 0.0290	0.0363B/~0.0220 0.0390B/0.0235A 0.0415B/0.0250A	0.0390B/0.0235A 0.0415B/0.0250A		0.0300 + 0.0070 0.0320 + 0.0075 0.0340 + 0.0080	.1692 .1782 .1872			110 20 7	100 	252 + 64 + 69 +	18 5
398 399			0.0440B/0.0265A 0.0465B/*0.0280	0.0440B/0.0265A 0.0465B/*0.0280		0.0360 + 0.0085 0.0380 + 0.0085	.1963 .2054					12 26	UNCH UNCH
400 401		0.0465	0.0495B/0.0300A 0.0525B/0.0320A 0.0555B/0.0335A	0.0495B/0.0300A 0.0525B/0.0320A 0.0555B/0.0335A		0.0400 + 0.0090 0.0425 + 0.0095 0.0450 + 0.0100	.2146 .2250 .2354			130 		657 - 13 12	16 UNCH UNCH
402 403 404			0.0585B/0.0355A 0.0615B/0.0375A	0.0585B/0.0355A 0.0615B/0.0375A		0.0430 + 0.0100 0.0475 + 0.0105 0.0500 + 0.0105	.2458					15 14	UNCH
405 406			0.0650B/0.0400A 0.0685B/0.0420A	0.0650B/0.0400A 0.0685B/0.0420A		0.0530 + 0.0115 0.0560 + 0.0120	.2678 .2792				200	251 + 5	200 UNCH
408 409 410		0.0500 0.0670	0.0760B/0.0470A 0.0800B/0.0495A 0.0840B/0.0520A	0.0760B/0.0470A 0.0800B/0.0495A 0.0840B/0.0520A		0.0620 + 0.0130 0.0655 + 0.0135 0.0690 + 0.0145	.3022 .3145 .3268			1 169		310 + 10 341 +	UNCH 90
412 415		0.0890	0.0925B/0.0580A 0.1070B/0.0675A	0.0925B/0.0580A 0.1070B/0.0675A		0.0765 + 0.0155 0.0885 + 0.0175	.3519			13		25 49 +	UNCH 2
416 417		0.0770	0.1120B/0.0710A 0.1170B/0.0745A	0.1120B/0.0710A 0.1170B/0.0745A		0.0930 NEW 0.0970 + 0.0185	.4034			103		103 + 21	103 UNCH
418 419 420			0.1220B/0.0785A 0.1275B/0.0820A 0.1330B/0.0860A	0.1220B/0.0785A 0.1275B/0.0820A 0.1330B/0.0860A		$0.1020 + 0.0195 \\ 0.1065 + 0.0200 \\ 0.1115 + 0.0205$.4296 .4427 .4560			10 12	100	16 54 + 600 +	UNCH 10 83
421 422	0.1215	0.1215	0.1385B/0.0905A 0.1440B/0.0950A	0.1385B/0.0905A 0.1440B/0.0950A		0.1165 + 0.0210 0.1215 + 0.0215	.4692 .4823			29		37 + 44	28 UNCH
423 424			0.1500B/0.0995A 0.1560B/0.1040A	0.1500B/0.0995A 0.1560B/0.1040A		0.1265 + 0.0220 0.1320 + 0.0225	.4955					10 22	UNCH
425 426 427		 0.1670	0.1625B/0.1090A 0.1690B/0.1135A 0.1755B/0.1190A	0.1625B/0.1090A 0.1690B/0.1135A 0.1755B/0.1190A		0.1375 + 0.0230 $0.1435 + 0.0240$ $0.1490 + 0.0245$.5216 .5346 .5473			35 8		396 10 13 +	UNCH UNCH 8
428 430			0.1820B/0.1240A 0.1955B/0.1345A	0.1820B/0.1240A 0.1955B/0.1345A		0.1550 + 0.0250 0.1670 + 0.0260	.5604 .5854			2		1 32 -	UNCH 2
431 433		0.1410	0.2025B/0.1400A 0.2170B/0.1520A 0.2320B/0.1635A	0.2025B/0.1400A 0.2170B/0.1520A 0.2320B/0.1635A		0.1735 + 0.0270 $0.1865 + 0.0280$ $0.1995 + 0.0290$.5980 .6223 .6458			10 		11 + 1 6	10 UNCH UNCH
435 437 440			0.2470B/0.1765A 0.2700B/0.1960A	0.2470B/0.1765A 0.2700B/0.1960A		0.1993 + 0.0290 0.2135 + 0.0300 0.2350 + 0.0310	.6685 .7014					1 10	UNCH UNCH
444 455	0.3005	0.3005	#0.3020B/0.2235 0.3750B/0.3070A	#0.3020B/0.2235 0.3750B/0.3070A		0.2655 NEW 0.3545 + 0.0370	.7412 .8344			1		1 +	UNCH
470 500		0.4960	0.5310B/0.4375A	0.5310B/0.4375A 		0.4885 NEW 0.7780 + 0.0435	.9173 .9844		 400	1 1083		1 + 1 23376+	1 UNCH 932
TOTA APR2	3												
200 225 230						0.0005 UNCH 0.0005 UNCH 0.0005 UNCH	.0000					1 35 3	UNCH UNCH UNCH
250 260						0.0005 UNCH 0.0005 UNCH	.0004					27 1	UNCH UNCH
265 270						0.0005 UNCH 0.0005 UNCH	.0013 .0020 .0037					3 15 4	UNCH
275 280 285						0.0010 UNCH 0.0010 UNCH 0.0010 UNCH	.0037					12 35	UNCH UNCH UNCH
290 295						0.0015 UNCH 0.0015 UNCH	.0059 .0061					18 33	UNCH UNCH
300 305 310						0.0020 UNCH 0.0025 UNCH 0.0030 + 0.0005	.0081 .0100 .0121					359 6 5	UNCH UNCH UNCH
315 320						0.0030 UNCH 0.0040 UNCH	.0127 .0166					201 33	UNCH UNCH
325 330	0.0055	0.0055	0.0055/0.0055	0.0055/0.0055		0.0045 UNCH 0.0055 + 0.0005	.0190			1 		1287 15	UNCH UNCH
335 340 345		0.0070	0.0070/*0.0065A 0.0080B/ 0.0105B/	0.0070/*0.0065A 0.0080B/ 0.0105B/		$0.0065 + 0.0005 \\ 0.0080 + 0.0005 \\ 0.0100 + 0.0010$.0276 .0338 .0417			1 1		121 + 33 27 +	UNCH 1
350 355			0.0130B/ 0.0165B/*0.0130	0.0130B/ 0.0165B/*0.0130		$0.0125 + 0.0015 \\ 0.0155 + 0.0020$.0514 .0627			2		1246 + 27	1 UNCH
356 358 360		 0.0180	0.0175B/ 0.0190B/*0.0150 0.0210/*0.0160A	0.0175B/ 0.0190B/*0.0150 0.0210/*0.0160A		0.0160 + 0.0020 0.0175 + 0.0020 0.0190 + 0.0020	.0648 .0703 .0758			 20		10 1 85	UNCH UNCH UNCH
363 364			0.0240B/*0.0185 0.0250B/*0.0190	0.0240B/*0.0185 0.0250B/*0.0190		0.0215 + 0.0025 0.0225 + 0.0025	.0849					10 10	UNCH
365 366			0.0265B/*0.0200 0.0275B/*0.0210	0.0265B/*0.0200 0.0275B/*0.0210		$0.0235 + 0.0030 \\ 0.0245 + 0.0030$.0918					29 4	UNCH UNCH
367 368 370		 0.0270	0.0290B/*0.0215 0.0300B/*0.0225 0.0330/0.0245A	0.0290B/*0.0215 0.0300B/*0.0225 0.0330/0.0245A		0.0255 + 0.0030 0.0265 + 0.0030 0.0290 + 0.0035	.0988 .1024 .1106			35		15 1 46 +	UNCH UNCH 35
372 374			0.0360B/0.0270A 0.0390B/*0.0290	0.0360B/0.0270A 0.0390B/*0.0290		0.0315 + 0.0040 0.0345 + 0.0045	.1189					10	UNCH
375 376			0.0405B/0.0305A 0.0425B/0.0315A	0.0405B/0.0305A 0.0425B/0.0315A		0.0360 + 0.0050 0.0375 + 0.0050	.1330			170		384 +	113 UNCH
380 381 383			0.0505B/0.0370A 0.0520B/0.0390A 0.0565B/0.0420A	0.0505B/0.0370A 0.0520B/0.0390A 0.0565B/0.0420A		0.0445 + 0.0065 0.0465 + 0.0070 0.0505 + 0.0080	.1587 .1644 .1759			4 		45 + 20 10	4 UNCH UNCH
385 388	0.0445	0.0445	0.0615B/*0.0445 0.0690B/0.0510A	0.0615B/*0.0445 0.0690B/0.0510A		$0.0545 + 0.0085 \\ 0.0610 + 0.0090$.1873 .2055			15 		121 1	UNCH UNCH
390 391			0.0740B/0.0550A 0.0770B/0.0570A 0.0860B/0.0635A	0.0740B/0.0550A 0.0770B/0.0570A 0.0860B/0.0635A		0.0660 + 0.0100 0.0685 + 0.0105 0.0760 + 0.0110	.2186 .2252 .2450					47 2 6	UNCH UNCH UNCH
394 395 396	0.0680	0.0680	0.0890B/0.0660A 0.0925B/0.0680A	0.0890B/0.0660A 0.0925B/0.0680A		0.0790 + 0.0115 0.0820 + 0.0120	.2522 .2594			1 1		21 14	UNCH UNCH
400 402	0.0875	0.0875	0.1060B/0.0785A 0.1135B/0.0845A	0.1060B/0.0785A 0.1135B/0.0845A		0.0945 + 0.0135 0.1010 + 0.0145	.2889 .3040			200		618 + 10	36 UNCH
405 406			0.1250B/0.0935A 0.1290B/0.0965A 0.1375B/0.1035A	0.1250B/0.0935A 0.1290B/0.0965A 0.1375B/0.1035A		0.1115 + 0.0155 0.1155 + 0.0160 0.1230 + 0.0165	.3273 .3354 .3513					8 20 10	UNCH UNCH UNCH
408 409 410			0.1420B/0.1065A 0.1465B/0.1100A	0.1420B/0.1065A 0.1465B/0.1100A		$0.1270 + 0.0170 \\ 0.1310 + 0.0175$.3594 .3675					6 36	UNCH UNCH
415 416	0.1590	0.1590	0.1700B/0.1290A 0.1750B/0.1330A	0.1700B/0.1290A 0.1750B/0.1330A		$0.1525 + 0.0195 \\ 0.1570 + 0.0195$.4088 .4171			14		150 64 +	UNCH 14
419 420 422			0.1900B/0.1455A 0.1955B/0.1500A 0.2065B/0.1590A	0.1900B/0.1455A 0.1955B/0.1500A 0.2065B/0.1590A		0.1710 + 0.0205 0.1760 + 0.0210 0.1860 + 0.0220	.4422 .4506 .4675			2		50 3 + 1	UNCH 1 UNCH
424 425	0.1975	0.1975	0.2175B/0.1685A 0.2235B/0.1730A	0.2175B/0.1685A 0.2235B/0.1730A		0.1965 + 0.0225 0.2015 + 0.0230	.4843 .4927			1 6		1 7 +	UNCH 6
426	0.1830	0.1830	0.2295B/0.1780A	0.2295B/0.1780A		0.2070 NEW	.5011			5		5 +	5

METALS OPTIONS PRODUCTS

64 Side 45







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

PG6	4 BULLET:	IN # 18@		ME	TALS OPTION PROD	DUCTS				Fri,	Jan 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME		(INTE	OPEN REST
HX PL APR2	3	COMEX COPPER OPTION		0 2525- (0 1005)		0.2205	5242					4.4	
430 431			0.2535B/0.1985A 0.2595B/0.2040A 0.2660B/0.2090A	0.2535B/0.1985A 0.2595B/0.2040A 0.2660B/0.2090A		0.2295 + 0.0250 0.2350 + 0.0250 0.2410 + 0.0255	.5343 .5425 .5506					14 12 12	UNCH UNCH UNCH
432 435 436			0.2855B/0.2260A 0.2920B/0.2315A	0.2855B/0.2260A 0.2920B/0.2315A		0.2590 + 0.0260 0.2655 + 0.0265	.5747					2	UNCH
439 440			0.3120B/0.2495A 0.3190B/0.2570A	0.3120B/0.2495A 0.3190B/0.2570A		0.2845 + 0.0275 0.2910 + 0.0275	.6062 .6140					10 2	UNCH
445 TOTA	 L		0.3545B/0.2890A	0.3545B/0.2890A		0.3245 + 0.0290	.6514			479		3 5488 +	UNCH 217
MAY23 220	3					0.0005 UNCH	.0001					3	UNCH
225 230						0.0005 UNCH 0.0005 UNCH	.0002					20 112	UNCH UNCH
235 240						0.0005 UNCH 0.0005 UNCH 0.0005 UNCH	.0006 .0009 .0018					11 25 349	UNCH UNCH UNCH
250 255 260						0.0010 + 0.0005 0.0010 UNCH	.0033					25 2	UNCH
270 275						0.0015 UNCH 0.0020 + 0.0005	.0052					210 156	UNCH
280 285 290						0.0025 + 0.0005 0.0030 + 0.0005 0.0035 + 0.0005	.0085 .0102 .0119					400 46	UNCH UNCH UNCH
300 310	0.0040	0.0040	0.0045/*0.0040	0.0045/*0.0040		$0.0050 + 0.0010 \\ 0.0065 + 0.0005$.0170 .0224			2		132 2	UNCH
315 320			0.0075B/ 0.0090B/ 0.0110B/*0.0100	0.0075B/ 0.0090B/ 0.0110B/*0.0100		0.0080 + 0.0010 0.0095 + 0.0010 0.0110 + 0.0005	.0273 .0322 .0374					10 9 200	UNCH UNCH UNCH
325 330 335			0.0135B/*0.0120 0.0165B/*0.0140	0.0135B/*0.0120 0.0165B/*0.0140		0.0135 + 0.0010 0.0160 + 0.0015	.0450					39 5	UNCH
340 345			0.0200B/*0.0170 0.0245B/*0.0200 0.0295B/*0.0240	0.0200B/*0.0170 0.0245B/*0.0200		0.0190 + 0.0015 0.0225 + 0.0020	.0621					155 200	UNCH
350 355 360	0.0275	0.0275 	0.0293B/*0.0240 0.0355B/*0.0285 0.0425B/	0.0295B/*0.0240 0.0355B/*0.0285 0.0425B/		0.0270 + 0.0025 0.0320 + 0.0030 0.0385 + 0.0045	.0855 .0995 .1165			 		14 + 19 123	UNCH UNCH
365 370	0.0590	0.0590	0.0505B/0.0400A 0.0600B/0.0470A	0.0505B/0.0400A 0.0600B/0.0470A		$0.0455 + 0.0050 \\ 0.0540 + 0.0065$.1346 .1554			11		15 15 +	UNCH 1
375 380	0.0570 0.0690	0.0570 0.0690	0.0705B/0.0555A 0.0830B/0.0645A 0.0960B/0.0755A	0.0705B/0.0555A 0.0830B/0.0645A 0.0960B/0.0755A		0.0635 + 0.0075 0.0750 + 0.0090 0.0875 + 0.0105	.1777 .2029 .2293			40 11		51 + 399 + 12	40 11 UNCH
385 390 395	0.0930	0.0930	0.1110B/0.0875A 0.1280B/0.1010A	0.1110B/0.0875A 0.1280B/0.1010A		0.1015 + 0.0120 0.1170 NEW	.2574			11 2		105 + 2 +	10 2
400 405			0.1470B/0.1165A 0.1680B/0.1335A	0.1470B/0.1165A 0.1680B/0.1335A		0.1340 + 0.0150 0.1530 + 0.0165	.3178			30 2		168 + 20	UNCH
410 415 420	0.1985	0.1985	0.1905B/0.1525A 0.2145B/0.1725A 0.2405B/0.1950A	0.1905B/0.1525A 0.2145B/0.1725A 0.2405B/0.1950A		0.1740 + 0.0180 0.1965 + 0.0195 0.2210 + 0.0210	.3831 .4166 .4505			 7		10 52 17	UNCH UNCH UNCH
425 430			0.2685B/0.2190A 0.2980B/0.2445A	0.2685B/0.2190A 0.2980B/0.2445A		0.2470 + 0.0225 0.2745 + 0.0240	.4843 .5176					168 21	UNCH UNCH
435 440 445			0.3290B/0.2720A 0.3615B/0.3010A 0.3955B/0.3340A	0.3290B/0.2720A 0.3615B/0.3010A 0.3955B/0.3340A		0.3040 + 0.0250 0.3350 + 0.0265 0.3675 + 0.0275	.5505 .5824 .6133					2 1 15	UNCH UNCH UNCH
TOTA	L		0.33338, 0.3310A	0.33335, 0.3310A		0.3073 1 0.0273	.0133			120		3342 +	96
JUN23 125 150	 					0.0005 UNCH 0.0005 UNCH	.0000					50 50	UNCH UNCH
250 255						0.0030 UNCH 0.0035 + 0.0005	.0080					1 1	UNCH UNCH
280 290	0.0080	 0.0080	 0.0080/*0.0080	 0.0080/*0.0080		0.0060 + 0.0005 0.0075 + 0.0005 0.0085 UNCH	.0169 .0215 .0245			 2		10 10 4 +	UNCH UNCH 2
295 300 310			0.0140B/	0.0140B/		0.0100 + 0.0005 0.0135 + 0.0005	.0286					27 11	UNCH UNCH
315 320			0.0165B/ 0.0200B/	0.0165B/ 0.0200B/		0.0160 + 0.0010 0.0185 + 0.0010	.0447					21 10	UNCH
325 330 335			0.0235B/ 0.0275B/ 0.0325B/	0.0235B/ 0.0275B/ 0.0325B/		0.0220 + 0.0015 0.0260 + 0.0020 0.0300 + 0.0020	.0599 .0695 .0793					18 11 1	UNCH UNCH UNCH
340 345			0.0380B/ 0.0445B/	0.0380B/ 0.0445B/		0.0350 + 0.0025 0.0410 + 0.0035	.0909 .1042					16 120	UNCH UNCH
350 355 360			0.0515B/0.0430A 0.0595B/0.0495A 0.0685B/0.0570A	0.0515B/0.0430A 0.0595B/0.0495A 0.0685B/0.0570A		0.0475 + 0.0040 0.0550 + 0.0050 0.0630 + 0.0055	.1184 .1342 .1508					3 171 321	UNCH UNCH UNCH
365 370			0.0785B/0.0650A 0.0900B/0.0740A	0.0785B/0.0650A 0.0900B/0.0740A		0.0725 + 0.0065 0.0830 + 0.0075	.1694 .1893					20 125	UNCH UNCH
375 380			0.1025B/0.0845A 0.1165B/0.0960A 0.1320B/0.1085A	0.1025B/0.0845A 0.1165B/0.0960A 0.1320B/0.1085A		0.0950 + 0.0090 0.1080 + 0.0100 0.1225 + 0.0115	.2109 .2335 .2574					5 9 26	UNCH UNCH UNCH
385 390 395			0.1485B/0.1225A 0.1665B/0.1380A	0.1485B/0.1225A 0.1665B/0.1380A		0.1380 + 0.0125 0.1555 + 0.0140	.2822					94 28	UNCH
400 420			0.1865B/0.1550A 0.2820B/0.2375A	0.1865B/0.1550A 0.2820B/0.2375A		0.1740 + 0.0150 0.2635 + 0.0205	.3350					16 24	UNCH
425 430 455			0.3095B/0.2620A 0.3390B/0.2880A 0.5025B/0.4415A	0.3095B/0.2620A 0.3390B/0.2880A 0.5025B/0.4415A		0.2900 + 0.0220 0.3175 + 0.0235 0.4750 + 0.0285	.4753 .5034 .6352			1		183 25 1	UNCH UNCH UNCH
480 490			0.6945B/0.6220A 0.7780B/0.7010A	0.6945B/0.6220A 0.7780B/0.7010A		0.6615 + 0.0320 0.7430 + 0.0335	.7449 .7807					2 1	UNCH
495 500 530			0.8205B/0.7415A 0.8640B/0.7840A 1.1350B/1.0505A	0.8205B/0.7415A 0.8640B/0.7840A 1.1350B/1.0505A		0.7845 + 0.0335 0.8270 + 0.0340 1.0950 + 0.0375	.7976 .8129 .8852					1 1 1	UNCH UNCH UNCH
550 560			1.3240B/1.2360A 1.4200B/1.3310A	1.3240B/1.2360A 1.4200B/1.3310A		1.2820 + 0.0390 1.3775 + 0.0395	.9168 .9292					1 1	UNCH
TOTA										3		1420+	2
200 235						0.0020 + 0.0005 $0.0040 + 0.0005$ $0.0070 + 0.0005$.0043					25 23 65	UNCH
260 295 300			0.0155B/ 0.0180B/	0.0155B/ 0.0180B/		0.0070 + 0.0005 0.0155 + 0.0005 0.0175 + 0.0005	.0166 .0376 .0424					65 50 1	UNCH UNCH UNCH
310 315			0.0245B/ 0.0285B/	0.0245B/ 0.0285B/		$0.0230 + 0.0010 \\ 0.0265 + 0.0010$.0548 .0624					20 6	UNCH UNCH
320 330 345			0.0330B/ 0.0435B/ 0.0645B/*0.0550	0.0330B/ 0.0435B/ 0.0645B/*0.0550		0.0305 + 0.0015 0.0405 + 0.0025 0.0600 + 0.0045	.0709 .0911 .1283					1 60 65	UNCH UNCH UNCH
350 360			0.0735B/ 0.0935B/0.0795A	0.0735B/ 0.0935B/0.0795A		$0.0685 + 0.0055 \\ 0.0870 + 0.0070$.1434 .1755					8	UNCH UNCH
370 375 380			0.1185B/0.1005A 0.1325B/0.1125A 0.1475B/0.1255A	0.1185B/0.1005A 0.1325B/0.1125A 0.1475B/0.1255A		0.1100 + 0.0090 0.1235 + 0.0100 0.1380 + 0.0115	.2125 .2327 .2538					148 8 21	UNCH UNCH UNCH
385 390			0.1645B/0.1395A 0.1825B/0.1550A	0.1645B/0.1395A 0.1825B/0.1550A		$0.1535 + 0.0125 \\ 0.1705 + 0.0135$.2756 .2983					18 502	UNCH UNCH
395 400			0.2015B/0.1715A 0.2220B/0.1895A 0.2440B/0.2085A	0.2015B/0.1715A 0.2220B/0.1895A 0.2440B/0.2085A		0.1885 + 0.0145 0.2080 + 0.0155 0.2290 + 0.0170	.3216 .3456 .3700					12 1 20	UNCH UNCH UNCH
405 410 415			0.2670B/0.2290A 0.2920B/0.2510A	0.2670B/0.2290A 0.2920B/0.2510A		0.2510 + 0.0175 0.2750 + 0.0195	.3948 .4198					1 3	UNCH UNCH
420 425			0.3185B/0.2745A 0.3460B/0.2990A 0.3745B/0.3250A	0.3185B/0.2745A 0.3460B/0.2990A		0.2995 + 0.0200 0.3260 + 0.0215	.4449 .4700					220 8 27	UNCH UNCH
430 445 520			0.4680B/0.4105A 1.0620B/0.9835A	0.3745B/0.3250A 0.4680B/0.4105A 1.0620B/0.9835A		0.3535 + 0.0225 0.4430 + 0.0255 1.0240 + 0.0360	.4948 .5670 .8294					27 8 1	UNCH UNCH UNCH
540 TOTA			1.2435B/1.1605A	1.2435B/1.1605A		1.2035 + 0.0375	.8689					1 1329	UNCH
AUG23			0.0030B/	0.0030B/		0.0030 + 0.0005	.0069					2	UNCH
255 320	0.0395	0.0395	 0.0430B/*0.0395	0.0430B/*0.0395		0.0075 + 0.0005 0.0410 NEW	.0170 .0848			28		10 28 +	UNCH 28
340 375 390			0.0710B/ 0.1550B/ 0.2075B/0.1825A	0.0710B/ 0.1550B/ 0.2075B/0.1825A		0.0680 + 0.0045 0.1475 + 0.0105 0.1975 + 0.0135	.1311 .2467 .3081					1 3 3	UNCH UNCH UNCH
400 405			0.2490B/0.2185A 0.2715B/0.2385A	0.2490B/0.2185A 0.2715B/0.2385A		$0.2365 + 0.0155 \\ 0.2580 + 0.0165$.3517 .3741					1 9	UNCH UNCH
415 420			0.3200B/0.2820A 0.3465B/0.3060A	0.3200B/0.2820A 0.3465B/0.3060A		0.3045 + 0.0190 0.3295 + 0.0200	.4195 .4424					10 1	UNCH
THE :	INFORMATION	CONTAINED IN THIS	REPORT IS COMPILED	FOR THE CONVENIE	NCE OF THE USER AND	IS FURNISHED WIT	HOUT RES	PONSIBI	LITY FOR	ACCURAC	Y OR CONT	ENT. IT	

METALS OPTIONS PRODUCTS





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				FINAL								
GLOBEX	OPEN OUTCRY	GLOBEX	OPEN OUTCRY	TALS OPTION PR	SETT.PRICE			OPEN		Jan 27,		PG64
OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE.	DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX [®] VOLUME	PNT VOLUME	INTE	OPEN REST
X PUT OTAL	COMEX COPPER OP	TIONS							28		68+	28
EP23 275 315		 0.0485B/	0.04858/		0.0185 + 0.0010	.0371					10	UNC
15 50 85		0.1105B/ 0.2150B/	0.0485B/ 0.1105B/ 0.2150B/		0.0480 + 0.0035 0.1070 + 0.0075 0.2065 + 0.0125	.1760					300 20	UNC
95 00		0.2550B/ 0.2765B/	0.2550B/ 0.2765B/		0.2445 + 0.0140 0.2655 + 0.0155	.3362					2 1	UNC
05 15 0.3350 20	0.3350	0.2995B/ 0.3485B/0.3350 0.3750B/	0.2995B/ 0.3485B/0.3350 0.3750B/		0.2870 + 0.0160 0.3345 + 0.0185 0.3595 + 0.0190	.3772 .4191 .4401			1		1 2 + 5	UNC
0.3895	0.3895	0.4025B/0.3895 0.4605B/	0.4025B/0.3895 0.4605B/		0.3860 + 0.0200 0.4420 + 0.0220	.4611			1		34 + 7	UNC
AL 23									2		386+	
0 AL		0.0680B/	0.0680B/		0.0685 + 0.0045	.1130					1 1	UNC
23 .5 'AL		0.3950B/	0.3950B/		0.3845 + 0.0175	.4179					40 40	UNC
23 0 0		#0.1645B/ #0.2250B/	#0.1645B/ #0.2250B/		0.1640 + 0.0090 0.2230 + 0.0105	.2081 .2662					150 4	UNC
) S					4.0155 + 0.0415	.9694					2 156	UNC
!4)					0.2220 + 0.0030	.2472					4	UNC
, LL CALL	COPPER OPTIONS										4	
3					0.3725 - 0.0455		20				0 -	2
) ;		 			0.3225 - 0.0455 0.2725 - 0.0455 0.1225 - 0.0455		5 6 10				0 - 0 - 0 -	10
0.0045	0.0045	0.0795B/*0.0025 0.0420B/*0.0005	0.0795B/*0.0025 0.0420B/*0.0005		0.0225 NEW 0.0000 - 0.0345				4		0 -	UNC
0.0035	0.0035 0.0005	0.0140B/*0.0010 /*0.0005A 0.0005/*0.0005	0.0140B/*0.0010 /*0.0005A 0.0005/*0.0005		0.0000 - 0.0120 0.0000 - 0.0030 0.0000 - 0.0005				15 5		0 - 0 - 0 -	1. 1. 1. 1.
					0.0000 - 0.0005 0.0000 - 0.0005						0 -	
L 3 									24		0 -	91
		0.4745B/*0.3815 /0.1090A 0.1525B/0.0785A	0.4745B/*0.3815 /0.1090A 0.1525B/0.0785A		0.4260 - 0.0440 0.1425 - 0.0395 0.1060 - 0.0360	.9663 .8004 .6936					3 1 10	UNC
		0.1160B/*0.0545 0.0605B/*0.0230	0.1160B/*0.0545 0.0605B/*0.0230		0.0755 - 0.0315 0.0340 - 0.0205	.5668 .3134					11 11	UNC
0.0265	0.0265	0.1050B/*0.0610 0.0410B/*0.0145 0.0635B/*0.0305	0.1050B/*0.0610 0.0410B/*0.0145 0.0635B/*0.0305		0.0775 - 0.0200 0.0220 NEW 0.0420 - 0.0160	.4009 .2153 .2924			1		6 1 + 7	UNC
0.0175 0.0375	0.0175 0.0375	0.0633B/*0.0303 0.0270B/*0.0095 0.0470B/*0.0220	0.0633B/*0.0303 0.0270B/*0.0095 0.0470B/*0.0220		0.0135 - 0.0105 0.0300 - 0.0130	.1391			2 1		10 2 +	UNC
0.0375		0.0170B/*0.0060 0.0245B/*0.0110	0.0170B/*0.0060 0.0245B/*0.0110		0.0080 - 0.0075 0.0145 - 0.0080	.0854 .1198					1 1	UNC
0.0025 L	0.0025	0.0025/*0.0025	0.0025/*0.0025		0.0025 - 0.0040	.0275			1 5		1 65 +	UNC
PUT 3 	COPPER OPTIONS				0.0000 - 0.0005						0 -	g
	0.0005				0.0000 - 0.0005 0.0000 - 0.0005						0 - 0 - 0 -	, , , , , , , , , , , , , , , , , , ,
0.0005	0.0005	0.0005/*0.0005 0.0005/*0.0005	0.0005/*0.0005 0.0005/*0.0005		0.0000 - 0.0005 0.0000 - 0.0005 0.0000 - 0.0005				1 5 		0 - 0 - 0 -	
0.0040 0.0080	0.0040 0.0080	0.0255B/*0.0010 0.0715B/*0.0055	0.0255B/*0.0010 0.0715B/*0.0055		0.0000 - 0.0050 0.0275 + 0.0105		40		6 9		0 -	3: 40
		0.0635B/*0.0290 	0.0635B/*0.0290 		0.0775 + 0.0330 0.1275 + 0.0420		1 1		 21		0 - 0 - 0-	10
					0.0005 UNCH	.0045					1	UNC
0.0085 0.0025	0.0085 0.0025	0.0140B/*0.0085 0.0035B/*0.0025 0.0065B/	0.0140B/*0.0085 0.0035B/*0.0025		0.0110 NEW 0.0025 + 0.0005	.0772			3 1		3 + 6	UNC
0.0075	0.0075	0.0115/0.0075 0.0245B/*0.0125	0.0065B/ 0.0115/0.0075 0.0245B/*0.0125		0.0045 + 0.0010 0.0075 + 0.0020 0.0185 + 0.0050	.0460 .0773 .1441			1 2 		2 + 4 + 10	UNC
		0.0200B/*0.0080 0.0740B/*0.0395	0.0200B/*0.0080 0.0740B/*0.0395		0.0120 NEW 0.0565 + 0.0130	.1242 .3572			1 		1 +	UNC
		0.1090B/0.0530A 0.1295B/*0.0755 0.1885B/0.1095A	0.1090B/0.0530A 0.1295B/*0.0755 0.1885B/0.1095A		0.0790 + 0.0185 0.1040 + 0.0210 0.1490 + 0.0300	.5652 .5401 .7845					3 20 1	UNC UNC UNC
 L		0.2315B/0.1450A	0.2315B/0.1450A		0.1910 + 0.0345	.8606			8		1 54+	UNC
			ALUN	MINIUM OPTIONS ON	I 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	INTE	OPEN REST
OF EN	ALUMINUM OPTION	11211/ 2011	niigh, com	CLOSE NAME	a i i i ciide.	DELTA	CISES	VOLONE		VOLUME		
3 500					299.50 UNCH						0	UNC
00C 00C					274.50 UNCH 124.50 UNCH 74.50 UNCH						0 0 0	UNCI UNCI UNCI
000 500					24.50 UNCH 0.50 UNCH						0	UNCI
.L 3										0	0	(
50C		 7.50B/*7.00A 22.75B/*17.75A	7.50B/*7.00A 22.75B/*17.75A		3.25 - 0.25 7.25 UNCH						2 2 10	UNC
00C 00C		22./5B/*1/./5A 100.50B/76.75A 38.50B/28.25A	22.75B/*17.75A 100.50B/76.75A 38.50B/28.25A		20.25 + 1.00 85.50 - 11.00 31.75 - 6.00						10 1 170	UNC UNC
00C		29.25B/21.25A /9.50A	29.25B/21.25A /9.50A		24.00 - 4.75 10.50 - 2.50						171 2	UNC
AL :3										0	358	
50C		34.25B/	34.25B/		31.75 + 1.50					0	10 10	UNC
			PLA	TINUM 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	GLOBE	X® PNT	INTE	OPEN REST
		,	.,				,	VOLUME				
CALL 23 0	NYMEX PALLADIUM	OPTIONS			11.70 - 13.00	.1356					1	UNCI

METALS OPTIONS PRODUCTS

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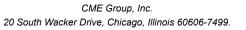
er Service: (312) 930-1000 **NAL**

	Customer FIN

PG64	BULLET	IN # 18@		MET	ALS OPTION PR	ODUCTS				Fri, J	an 27,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INT	OPEN EREST
PAO CA	ALL	NYMEX PALLADIUM	OPTIONS									1	0
JUN23													
1850						73.40 - 23.10	.3274					1	UNCH
1950						56.30 - 18.70	.2608					125	UNCH
2100						39.80 - 14.20	.1898					250	UNCH
2250 TOTAL						29.60 - 10.80	.1425					125 501	UNCH 0
PAO PI	UT	NYMEX PALLADIUM	OPTIONS										
JUN23						170 30 33 50	4016					-	
1650 TOTAL						170.30 + 23.50	.4816					2 2	UNCH 0
SEP23													
1795 TOTAL						298.30 + 33.10	.5607					1 1	UNCH 0
PO CAI	LL	PLATINUM OPTIONS	5										
MAR23													
1050			/*12.20A 6.90/*6.70	/*12.20A		12.70 - 2.60 7.80 - 1.70 4.60 - 1.00	.3113					1	UNCH
1070 1090	6.90	6.90	6.90/^6.70 /*5.20A	6.90/*6.70 /*5.20A		7.80 - 1.70 4.60 - 1.00	.2123 .1367			2		3 + 2	2 UNCH
1100						3.50 - 0.80	.1079					50	UNCH
1150						0.70 - 0.40	.0255					100	UNCH
1200	1.00	1.00	1.00/*1.00	1.00/*1.00		0.10 - 0.20	.0034			1 3		7 163 +	UNCH 2
TOTAL										,		103 +	2
APR23	40.00	40.00	40 00 /47 704	40 00 /47 704		49.60 3.00	F072			2		200	UNICH
1000 1050	49.00	49.00	49.00/47.70A /26.10A	49.00/47.70A /26.10A		48.60 - 3.90 26.50 - 2.10	.5873 .3891			2		209 43	UNCH UNCH
1075			/*19.00A	/*19.00A		19.00 - 1.60	.3022					4	UNCH
1100			/*13.90A	/*13.90A		13.40 - 1.30	.2284					504	UNCH
1300						0.50 - 0.30 0.10 UNCH	.0117 .0022					23 210	UNCH UNCH
1450 TOTAL						0.10 UNCH	.0022			2		993	0
JUL23 1040	60.60	60.60	60.60/60.60	60.60/60.60		62.00 - 3.50	.4954			1		2	UNCH
1100						62.00 - 3.50 41.70 - 2.70	.3704					11	UNCH
TOTAL										1		13	0
ост23													
1400						15.90 - 1.60	.1338					225	UNCH
TOTAL												225	0
PO PU	Т	PLATINUM OPTIONS	5										
MAR23						2.00 1.20	0627						
925 950						2.00 - 1.30 4.70 - 1.40	.0627 .1320					1 1	UNCH UNCH
990			#15.10B/	#15.10B/		14.10 - 0.50	.3210					1	UNCH
1000			18.90B/	18.90B/		17.80 UNCH	.3812					_2	UNCH
1040			#40.70B/ 47.80B/	#40.70B/ 47.80B/		39.00 + 2.90 45.80 + 3.50	.6323					50	UNCH UNCH
1050 1070			#63.70B/	#63.70B/		60.90 + 4.50	.6885 .7876					50 2 9	UNCH
1100			90.10B/	90.10B/		86.50 + 5.30	.8920					1	UNCH
TOTAL												67	0
APR23													
700						0.10 UNCH	.0000					200	UNCH
750 800						0.10 UNCH 0.30 - 0.20	.0009 .0073					1 200	UNCH UNCH
925						9.00 + 0.10	.1554					22 750	UNCH
1025			#44.50B/	#44.50B/		44.40 + 3.20	.5138					750	UNCH
1050			59.90B/	59.90B/		59.50 + 4.00 283.20 + 6.00	.6107 .9882					300 11	UNCH UNCH
1300						203.20 + 0.00	.9002					1484	0
TOTAL													-
JUL23 900						22.10 + 0.70	.2025					1	UNCH
900 950						36.90 + 1.20	.3007					11	UNCH
1060						90.50 + 3.00	.5482					11 22 22	UNCH
1100			118.00B/	118.00B/		117.30 + 3.40	.6292					22	UNCH
TOTAL												56	0
JAN24						60.10	2000					_	
980						68.10 + 1.60	.3623					1 1	UNCH 0
TOTAL												_	U

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Customer Service: (312) 930-1000 FINAL

PG64 BULLETIN # 18@

METALS OPTION PRODUCTS

Fri, Jan 27, 2023 PG64

			ОРТ	IONS EOO'S AND BLOCKS	
PRODUCT		STRIKE PRICE	EOO VOLUME	BLOCK VOLUME	
OG CALL MAR23 OG OG OG TOTALS	CALL	COMEX GOLD OPTIONS 2050 2100 3000	0 0 0 0	100 1200 1000 2300	
APR23 OG TOTALS	CALL	2070	0	300 300	
OG PUT MAR23 OG TOTALS	PUT	COMEX GOLD OPTIONS	0	127 127	
APR23 OG OG OG TOTALS	PUT	1775 1800 1850	0 0 0 0	200 250 200 650	
MAY23 OG TOTALS	PUT	1800	0 0	500 500	
JUN23 OG OG OG TOTALS	PUT	1650 1800 1970	0 0 0 0	125 308 154 587	
AUG23 OG OG OG TOTALS	PUT	1650 1875 1985	0 0 0 0	50 75 50 175	
SO CALL APR23	CALL	COMEX SILVER OPTIONS			
SO TOTALS	CALL	2600	0	50 50	
MAY23 SO TOTALS	CALL	2675	0	100 100	
DEC23 SO TOTALS	CALL	3000	0	125 125	
HX CALL MAR23	CALL	COMEX COPPER OPTIONS			
HX HX TOTALS		450 475	0 0 0	641 641 1282	
HX PUT MAR23	PUT	COMEX COPPER OPTIONS			
HX HX HX TOTALS		395 405 420	0 0 0 0	100 200 100 400	