

PRELIMINARY



PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

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

PRICE INDICATOR KEY

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

METAL FUTURES CONTRACTS LAST TRADE DATES

Table with columns for EXPIRATION: (NOV20, DEC20, JAN21, FEB21, MAR21, APR21, MAY21, JUN21, JUL21, AUG21, SEP21, OCT21, NOV21) and various contract types (ALO OOF, HRO OPT, HX CALL, HX PUT, ICT OPT, OG CALL, OG PUT, OG1 CALL, OG1 PUT, OG2 CALL, OG2 PUT, OG3 CALL, OG3 PUT, OG4 CALL, OG4 PUT, PAO CALL, PAO PUT, PO CALL, PO PUT, SO CALL, SO PUT, SO1 CALL, SO1 PUT, SO2 CALL, SO2 PUT, SO3 CALL, SO3 PUT, SO4 CALL, SO4 PUT).

GOLD OPTIONS ON FUTURES

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for NOV20 and DEC20.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-section for NOV20.

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

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@ METALS OPTION PRODUCTS Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for OG4 CALL NOV20 and DEC20 1790.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for OG3 PUT DEC20 and OG3 CALL DEC20.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for OG3 CALL DEC20 and OG3 PUT DEC20.

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

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for GOLD OPTIONS and DEC20.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for GOLD OPTIONS and DEC20.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for GOLD OPTIONS and DEC20.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for GOLD OPTIONS and OGI PUT DEC20.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Includes sub-sections for GOLD OPTIONS and OGI CALL DEC20.

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

© Copyright CME Group Inc. All rights reserved.



2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin
CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000



PRELIMINARY

PG64 BULLETIN #231@ METALS OPTION PRODUCTS Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Data for OG1 CALL DEC20 GOLD OPTIONS.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Data for OG PUT JAN21 COMEX GOLD OPTIONS.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX® VOLUME, PNT VOLUME, OPEN INTEREST. Rows include COMEX GOLD OPTIONS for JAN21 and FEB21.

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

© Copyright CME Group Inc. All rights reserved.



PRELIMINARY



PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX 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. Rows include COMEX GOLD OPTIONS (FEB21, MAR21) and various contract specifications.

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

© Copyright CME Group Inc. All rights reserved.



PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX 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. Includes sections for JUN21, JUL21, AUG21, SEP21, OCT21, NOV21, DEC21.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Rows include COMEX GOLD OPTIONS for DEC21, JAN22, JUN22, DEC22.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Rows include COMEX GOLD OPTIONS for JAN21, listing various call options with prices and volumes.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY



PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX 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. Rows include COMEX GOLD OPTIONS and APR21.

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

© Copyright CME Group Inc. All rights reserved.



2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY



PG64 BULLETIN #231@ METALS OPTION PRODUCTS Mon, Nov 30, 2020 PG64

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

SILVER OPTIONS ON FUTURES

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

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: SO CALL, GLOBEX OPEN, OPEN OUTCRY OPEN, COMEX SILVER OPTIONS, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include FEB21 and MAR21 data for various call options.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: SO CALL, GLOBEX OPEN, OPEN OUTCRY OPEN, COMEX SILVER OPTIONS, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include MAR21 and APR21 contracts.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY



PG64 BULLETIN #231@ METALS OPTION PRODUCTS Mon, Nov 30, 2020 PG64

Table with columns: SO CALL, GLOBEX OPEN, OPEN RANGE, OUTCRY OPEN, GLOBEX HIGH/LOW, OPEN HIGH/LOW, OUTCRY HIGH/LOW, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include APR21, MAY21, JUL21 sections with various commodity options.

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

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: SO PUT, GLOBEX OPEN, OPEN OUTCRY 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. Rows include COMEX SILVER OPTIONS and various contract specifications.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: SO PUT, GLOBEX OPEN, OPEN OUTCRY OPEN, COMEX SILVER OPTIONS, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include FEB21 and MAR21 data for various silver options.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

PG64 BULLETIN #231@

METALS OPTION PRODUCTS

Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY OPEN CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include MAR21, APR21, MAY21, JUL21 with various contract specifications and prices.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY



PG64 BULLETIN #231@ METALS OPTION PRODUCTS Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: S01 PUT SILVER OPTIONS.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: S02 CALL SILVER OPTIONS.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: S02 PUT SILVER OPTIONS.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: S03 CALL SILVER OPTIONS.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: S03 PUT SILVER OPTIONS.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: S04 CALL SILVER OPTIONS.

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: S04 PUT SILVER OPTIONS.

COPPER OPTIONS ON FUTURES

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Section: ALO OOF ALI MW US TRANS PREMIUM.

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

© Copyright CME Group Inc. All rights reserved.



2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY



PG64 BULLETIN #231@ METALS OPTION PRODUCTS Mon, Nov 30, 2020 PG64

Table with columns: GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX VOLUME, PNT VOLUME, OPEN INTEREST. Rows include ALO OOF, HX CALL, JAN21, FEB21, MAR21, APR21, JUN21, JUL21.

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

© Copyright CME Group Inc. All rights reserved.

2020 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

PRELIMINARY

Table with columns: PG64, BULLETIN #231@, METALS OPTION PRODUCTS, Mon, Nov 30, 2020, PG64. Rows include GLOBEX OPEN, OPEN OUTCRY OPEN RANGE, GLOBEX HIGH/LOW, OPEN OUTCRY HIGH/LOW, OPEN OUTCRY CLOSE RANGE, SETT.PRICE & PT.CHGE., DELTA, EXER CISES, OPEN OUTCRY VOLUME, GLOBEX* VOLUME, PNT VOLUME, OPEN INTEREST. Data is organized by month (DEC21, JAN21, FEB21, MAR21, APR21) and contract type (HX CALL, HX PUT).

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

© Copyright CME Group Inc. All rights reserved.

PRELIMINARY

PG64 BULLETIN #231@ METALS OPTION PRODUCTS Mon, Nov 30, 2020 PG64

GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL VOLUME	PNT VOLUME	OPEN INTEREST
COMEX COPPER OPTIONS											
HX PUT											
APR21											
350	----	----	----/*0.2110A	----/*0.2110A	0.2055	NEW	.5256	----	----	3	3 +
TOTAL									4		9 +
MAY21											
315	----	----	----	----	0.0675	- 0.0065	.2311	----	----	----	4
TOTAL											4
JUN21											
315	----	----	----	----	0.0810	- 0.0070	.2463	----	----	----	3
TOTAL											3
JUL21											
300	----	----	----	----	0.0535	- 0.0050	.1686	----	----	30	470 -
310	----	----	----	----	0.0760	- 0.0065	.2238	----	----	30	470 -
TOTAL								60			940 -

PLATINUM OPTIONS ON FUTURES

GLOBAL OPEN	OPEN OUTCRY OPEN RANGE	GLOBAL HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBAL VOLUME	PNT VOLUME	OPEN INTEREST
NYMEX PALLADIUM OPTIONS											
PAO CALL											
JAN21											
2800	----	----	----	----	4.80	- 2.30	.0479	----	----	----	50
TOTAL											50
MAR21											
2350	----	----	----	----	201.50	- 19.20	.5861	----	----	----	1
2400	190.00	190.00	#190.00/190.00	#190.00/190.00	176.50	- 17.70	.5402	----	5	----	6 +
2500	----	----	----	----	133.90	- 14.60	.4501	----	----	----	57
2700	----	----	----	----	75.00	- 9.40	.2933	----	----	----	10
2900	----	----	----	----	41.40	- 5.80	.1811	----	----	----	25
3000	----	----	----	----	30.70	- 4.50	.1405	----	----	----	35
3200	----	----	----	----	16.80	- 2.60	.0830	----	----	----	150
3250	----	----	----	----	14.50	- 2.30	.0728	----	----	----	60
3300	----	----	----	----	12.50	- 2.00	.0637	----	----	----	150
3350	----	----	----	----	10.70	- 1.80	.0555	----	----	----	60
3500	----	----	----	----	6.90	- 1.20	.0372	----	----	----	10
TOTAL									5		564 +
PAO PUT											
MAR21											
2350	----	----	----	----	145.60	+ 14.60	.4119	----	----	----	1
2400	165.00	165.00	#195.10B/*165.0	#195.10B/*165.0	170.60	NEW	.4578	----	27	----	22 +
TOTAL									27		23 +
PLATINUM OPTIONS											
PO CALL											
JAN21											
750	----	----	----	----	216.00	+ 1.10	1.0000	----	----	----	280
850	----	----	----	----	116.80	+ 0.60	.9708	----	----	----	1
880	----	----	----	----	88.80	UNCH	.9170	----	----	----	500
900	----	----	----	----	71.50	- 0.50	.8546	----	----	----	208
915	----	----	----	----	59.60	- 0.90	.7922	----	----	----	100
950	----	----	----	----	36.10	- 1.60	.6074	----	----	----	134
960	----	----	----	----	30.70	- 1.70	.5485	----	----	----	1
970	----	----	----	----	25.90	- 1.80	.4896	----	----	----	1
1000	----	----	----	----	14.90	- 1.80	.3257	----	----	----	378
1050	----	----	----	----	5.40	- 1.30	.1386	----	----	----	100
1500	----	----	----	----	0.10	UNCH	----	----	----	----	2
2000	----	----	----	----	0.10	UNCH	----	----	----	----	10
TOTAL											1715
APR21											
930	85.00	85.00	#85.00/85.00	#85.00/85.00	81.70	- 0.20	.6362	----	5	----	4 +
960	----	----	----	----	66.70	- 0.10	.5574	----	----	----	20
980	59.00	59.00	59.00/59.00	59.00/59.00	58.00	- 0.20	.5062	----	1	----	1
1050	----	----	----	----	35.00	- 0.20	.3469	----	----	----	4
TOTAL									6		29 +
JUL21											
1050	----	----	----	----	56.40	- 0.60	.4065	----	----	----	15
TOTAL											15
PLATINUM OPTIONS											
PO PUT											
JAN21											
575	----	----	----	----	0.10	UNCH	----	----	----	----	1
750	----	----	----	----	0.10	UNCH	.0000	----	----	----	120
775	----	----	----	----	0.10	UNCH	.0004	----	----	----	2
800	----	----	----	----	0.10	- 0.10	.0021	----	----	----	12
825	----	----	----	----	0.30	- 0.20	.0103	----	----	----	11
850	----	----	----	----	0.90	- 0.50	.0289	----	----	----	1
860	----	----	----	----	1.30	- 0.80	.0408	----	----	----	100
900	----	----	----	----	5.60	- 1.60	.1449	----	----	----	10
915	----	----	----	----	8.70	- 2.00	.2073	----	----	----	1
920	----	----	----	----	9.90	- 2.10	.2302	----	----	----	150
940	10.00	10.00	10.00/*10.00	10.00/*10.00	16.20	- 2.50	.3349	----	1	----	1
950	----	----	----	----	20.20	- 2.70	.3921	----	----	----	190
1000	----	----	----	----	49.00	- 2.90	.6738	----	----	----	150
1070	----	----	----	----	107.60	- 2.20	.9057	----	----	----	6
1500	----	----	----	----	534.20	- 1.00	1.0000	----	----	----	11
TOTAL									1		766
APR21											
620	----	----	----	----	0.20	UNCH	.0034	----	----	----	1
695	----	----	----	----	1.10	- 0.10	.0170	----	----	----	1
800	----	----	----	----	7.70	- 0.20	.0963	----	----	----	2
860	----	----	----	----	17.80	- 0.10	.1942	----	----	----	1
900	28.80	28.80	28.80/28.80	28.80/28.80	29.20	NEW	.2842	----	2	----	2 +
940	----	----	----	----	45.90	- 0.40	.3877	----	----	----	50
TOTAL									2		57 +



OPTIONS EOO'S AND BLOCKS

PRODUCT	STRIKE PRICE	E00 VOLUME	BLOCK VOLUME
OG CALL COMEX GOLD OPTIONS			
JAN21 CALL			
OG	1830	0	1000
OG	1880	0	2000
OG	1920	0	1000
TOTALS		0	4000
FEB21 CALL			
OG	1785	0	425
OG	1850	0	75
TOTALS		0	500
MAR21 CALL			
OG	1785	0	200
OG	1850	0	750
OG	1940	0	200
OG	2075	0	1050
OG	2200	0	400
TOTALS		0	2600
APR21 CALL			
OG	1800	0	60
OG	2100	0	60
TOTALS		0	120
JUN21 CALL			
OG	1790	0	250
OG	1870	0	100
OG	2050	0	1250
TOTALS		0	1600
OG PUT COMEX GOLD OPTIONS			
JAN21 PUT			
OG	1700	0	30
OG	1770	0	30
TOTALS		0	60
FEB21 PUT			
OG	1765	0	60
OG	1785	0	225
OG	1800	0	75
TOTALS		0	360
MAR21 PUT			
OG	1600	0	700
TOTALS		0	700
JUN21 PUT			
OG	1600	0	450
OG	1790	0	250
TOTALS		0	700
AUG21 PUT			
OG	1650	0	2250
OG	1750	0	125
OG	1825	0	1250
TOTALS		0	3625
SO CALL COMEX SILVER OPTIONS			
FEB21 CALL			
SO	2500	0	200
TOTALS		0	200
MAY21 CALL			
SO	4000	0	500
TOTALS		0	500
SO PUT COMEX SILVER OPTIONS			
FEB21 PUT			
SO	2050	0	200
TOTALS		0	200
HX CALL COMEX COPPER OPTIONS			
FEB21 CALL			
HX	360	0	200
TOTALS		0	200
JUL21 CALL			
HX	370	0	30
HX	400	0	30
TOTALS		0	60
HX PUT COMEX COPPER OPTIONS			
JUL21 PUT			
HX	300	0	30
HX	310	0	30
TOTALS		0	60