

SUBMISSION COVER SHEET

IMPORTANT: Check box if Confidential Treatment is requested

Registered Entity Identifier Code (optional): 18-409

Organization: New York Mercantile Exchange, Inc. ("NYMEX")

Filing as a: DCM SEF DCO SDR

Please note - only ONE choice allowed.

Filing Date (mm/dd/yy): 10/16/18 Filing Description: Amendments to the CME Globex Matching Algorithm for Three (3) Energy Option Contracts

SPECIFY FILING TYPE

Please note only ONE choice allowed per Submission.

Organization Rules and Rule Amendments

- Certification § 40.6(a)
- Approval § 40.5(a)
- Notification § 40.6(d)
- Advance Notice of SIDCO Rule Change § 40.10(a)
- SIDCO Emergency Rule Change § 40.10(h)

Rule Numbers: See filing.

New Product

Please note only ONE product per Submission.

- Certification § 40.2(a)
- Certification Security Futures § 41.23(a)
- Certification Swap Class § 40.2(d)
- Approval § 40.3(a)
- Approval Security Futures § 41.23(b)
- Novel Derivative Product Notification § 40.12(a)
- Swap Submission § 39.5

Product Terms and Conditions (product related Rules and Rule Amendments)

- Certification § 40.6(a)
- Certification Made Available to Trade Determination § 40.6(a)
- Certification Security Futures § 41.24(a)
- Delisting (No Open Interest) § 40.6(a)
- Approval § 40.5(a)
- Approval Made Available to Trade Determination § 40.5(a)
- Approval Security Futures § 41.24(c)
- Approval Amendments to enumerated agricultural products § 40.4(a), § 40.5(a)
- "Non-Material Agricultural Rule Change" § 40.4(b)(5)
- Notification § 40.6(d)

Official Name(s) of Product(s) Affected:

Rule Numbers:

October 16, 2018

VIA ELECTRONIC PORTAL

Mr. Christopher J. Kirkpatrick
 Office of the Secretariat
 Commodity Futures Trading Commission
 Three Lafayette Centre
 1155 21st Street, N.W.
 Washington, DC 20581

Re: CFTC Regulation 40.6(a) Certification. Notification Regarding Amendments to the CME Globex Matching Algorithm for Amendments to the CME Globex Matching Algorithm for Three (3) Energy Option Contracts. NYMEX Submission No. 18-409

Dear Mr. Kirkpatrick:

New York Mercantile Exchange, Inc. (“NYMEX” or “Exchange”) is notifying the Commodity Futures Trading Commission (“CFTC” or “Commission”) that it is self-certifying amendments to the CME Globex matching algorithm for the three (3) energy option contracts in the table below (the “Contracts”) effective on Sunday, November 4, 2018 for trade date Monday, November 5, 2018.

Contract Title	Rulebook Chapter	Commodity Code	Current CME Globex Matching Algorithm	CME Globex Matching Algorithm as of Trade Date November 5, 2018
Short-Term Crude Oil Option	1065	C01 – C31	K	FIFO
Short-Term Natural Gas Option	1066	U01 – U31	K	FIFO
Brent Crude Oil Weekly Option	1007	BW1 – BW5	K	FIFO

The Exchange is amending the CME Globex matching algorithm from K (Configurable) to FIFO (First In, First Out). The FIFO algorithm uses price and time as the only criteria for filling an order. Pursuant to FIFO, all orders at the same price level are filled according to time priority. That is, the first order at a price level is the first order matched. The K algorithm is based upon Split FIFO/Pro Rata with Lead Market Maker.

The allocation of the FIFO matching algorithm on CME Globex is intended align the aforementioned Contracts with existing listed energy options and to increase liquidity and promote greater robust markets in the energy option contracts.

All spread implications for the Contracts will be disabled and all Good ‘Till Cancel (“GTC”) and Good ‘Till Date (“GTD”) orders will be cancelled as of the close of business on Friday, November 2, 2018. Market participants

wishing to maintain these orders will be required to resubmit such orders beginning on Sunday, November 4, 2018 for trade date Monday, November 5, 2018.

The Contracts are listed for trading on CME Globex and for submission for clearing via CME ClearPort.

The Exchange reviewed the designated contracts market core principles ("Core Principles") as set forth in the Commodity Exchange Act ("CEA" or "ACT") and identified that the amendments may have some bearing on the following core principles:

- **Availability of General Information:** The Exchange will publish information on the changes via a Special Executive Report ("SER") to notify the marketplace of this amendment. The SER will also be posted on the CME Group website.
- **Execution of Transactions:** The Contracts are listed for trading on CME Globex and for clearing through the CME ClearPort platform. The CME Globex platform provides a transparent, open and efficient mechanism to electronically execute trades on screen.

Pursuant to Section 5c(c) of the Act and CFTC Regulations 40.6(a), the Exchange certifies that the amendments comply with the Act, including regulations under the Act. There were no substantive opposing views to the amendments.

The Exchange certifies that this submission has been concurrently posted on the CME Group website at <http://www.cmegroup.com/market-regulation/rule-filings.html>.

Should you have any questions concerning the above, please contact the undersigned at (212) 299-2200 or via e-mail at CMEGSubmissionInquiry@cmegroup.com.

Sincerely,

/s/ Christopher Bowen
Managing Director and Chief Regulatory Counsel