



Cboe to Observe National Day of Mourning on Wednesday, December 5, 2018

Reference ID: C2018120300

Overview

To honor the memory of former President George H.W. Bush, Cboe will be observing the National Day of Mourning scheduled for Wednesday, December 5, 2018. Set forth below are the trading and settlement schedules Cboe options, equities, and futures exchanges will follow this week.

Cboe Equities Exchange Trading Schedules

Cboe BYX Exchange, BZX Exchange, EDGA Exchange, and EDGX Exchange will be closed for trading on Wednesday, December 5, 2018. Normal trading will resume on Thursday, December 6.

Cboe Options Exchange Trading Schedules

Cboe Options Exchange, BZX Options Exchange, C2 Options Exchange, and EDGX Options Exchange will be closed for trading on Wednesday, December 5, 2018. Normal trading will resume on Thursday, December 6.

Options Settlement Schedule

The chart below reflects the changes to options settlement calculation day.

| <u>Option Type</u> | <u>Option Expiration Type</u> | <u>Exercise Style</u> | <u>Regular Last Trading Day</u> | <u>***Regular Settlement Calculation Day</u> | <u>Modified/Updated Last Trade Day</u> | <u>***Updated Settlement Calculation Day</u> |
|--|-------------------------------|-----------------------|---------------------------------|--|--|--|
| ETP | Wednesday Weekly | PM | Wednesday | Wednesday EOD | Tuesday | Tuesday EOD |
| Index | Wednesday Weekly | PM | Wednesday | Wednesday EOD | Tuesday | Tuesday EOD |
| Volatility Index | Weekly | AM | Tuesday | Wednesday SOQ | Tuesday | Thursday SOQ |
| Index and Equity FLEX | Wednesday | PM | Wednesday | Wednesday EOD | Tuesday | Tuesday EOD |
| ***EOD indicates settlement occurs at the EOD based on the official closing price. | | | | | | |
| ***SOQ will be conducted on Thursday versus Wednesday. | | | | | | |

The exchanges will issue a separate regulatory circular when information regarding exercise advice and

contra exercise advice cut-off times becomes available.

Settlement of Weekly VIX Options

The final settlement value for the VIX weekly options with an expiration date of December 5, 2018 normally would have been determined by a Special Opening Quotation (SOQ) in constituent Standard & Poor's (S&P) 500 (SPX) option series on Cboe Options Exchange on December 5, 2018. Because Cboe Options Exchange will not be conducting an SOQ in SPX options on December 5, 2018 given its observance of the Day of Mourning, the final settlement value for the VIX weekly option series with an expiration date of December 5, 2018 will not be available at that time. Because the final settlement value will be determined one day later than normal, on December 6, 2018, the time to expiration in the calculation of the final settlement value will be adjusted downward by one day to account for the difference in the time to expiration of the constituent options series.

Impact to Closing time for SPX and XSP Weekly Series

Standard & Poor's (S&P) 500 (SPX) and Mini-SPX (XSP) option series with an expiration date of December 5, 2018 will close at 3:00pm CT on December 4, 2018. All other non-expiring SPX and XSP series will continue to trade until 3:15pm CT on December 4, 2018.

Option Series Expiration Dates

Explicit option series expiration dates will remain the same despite the settlement calculation day changing. No instrument definitions will change.

Futures Trading and Settlement Schedule

The following sets forth the modified trading schedule on Cboe Futures Exchange, LLC (CFE) in connection with the Day of Mourning. CFE has one contract that expires on December 5, 2018. That contract is the Weekly Cboe Volatility Index (VX) future with symbol VX49/Z8. The following describes how that contract will be settled. Additionally, the following describes how the Day of Mourning will impact all currently listed S&P 500 Variance (VA) futures. All times referenced below are Central Standard Time.

CFE Trading Hours for Tuesday, December 4, 2018

CFE will have normal trading hours for all products on Tuesday, December 4, 2018.

CFE Trading Hours for Wednesday, December 5, 2018

CFE will have the following trading hours on Wednesday, December 5, 2018 and will resume a normal trading schedule for Thursday, December 6, 2018

| Product | Wednesday, December 5, 2018 | Thursday, December 6, 2018 |
|---|--|----------------------------|
| Expiring VX49/Z8 Future | None Trading hours terminate at 4:00 p.m. on Tuesday December 4, 2018 | None |
| Non-Expiring VX Futures and Trade at Settlement Transactions (TAS) in Non-Expiring VX Futures (VXT) | 5:00 p.m. (Tuesday) to 8:30 a.m. for VX (Extended Trading Hours) for Business Day December 5, 2018 5:00 p.m. (Tuesday) to 8:28 a.m. for VXT (Extended Trading Hours) for Business Day December 5, 2018 No Regular Trading Hours 5:00 p.m. to 8:30 a.m. (Thursday) (Extended Trading Hours) for VX and VXT for Business Day December 6, 2018 | Normal Trading Schedule |
| Cboe Bitcoin (USD) (XBT) Futures | 5:00 p.m. (Tuesday) to 8:30 a.m. (Extended Trading Hours) for Business Day December 5, 2018 No Regular Trading Hours 5:00 p.m. to 8:30 a.m. (Thursday) (Extended Trading Hours) for Business Day December 6, 2018 | Normal Trading Schedule |
| All Other CFE Products | None | Normal Trading Schedule |

The December 5, 2018 business day will end at 8:30 a.m. on December 5, 2018, and the daily settlement prices of non-expiring VX futures and all XBT futures will be determined at that time.

Related queuing period information and order submission time frames for non-expiring VX futures and all XBT futures are set forth in a chart further below.

The queuing period for the Thursday trading session for non-TAS single leg contract expirations and non-TAS spreads in CFE products other than VX and XBT futures will commence at 5:00 p.m. on Wednesday, December 5, 2018 plus a randomized time period from zero to three seconds. The queuing period for the Thursday trading session for any TAS single leg contract expirations and TAS spreads in CFE products other than VX and XBT futures will commence at 5:00 p.m. on Wednesday, December 5, 2018 plus a randomized time period from three to six seconds.

Settlement of VX49/Z8 Future

The final settlement date for the Weekly Cboe Volatility Index (VX) future with symbol VX49/Z8 is

Wednesday, December 5, 2018 and will remain on Wednesday, December 5, 2018.

The final settlement value for the VX49/Z8 future normally would have been determined by a Special Opening Quotation (SOQ) in constituent Standard & Poor's (S&P) 500 (SPX) option series on Cboe Options Exchange on December 5, 2018. Because Cboe Options Exchange will not be conducting an SOQ in SPX options on December 5, 2018 given its observance of the Day of Mourning, the final settlement value for the VX49/Z8 future will not be available at that time.

Accordingly, pursuant to CFE Rule 1203 and the Rules and Bylaws of The Options Clearing Corporation, the final settlement value for the VX49/Z8 future will be determined by an SOQ that will be conducted at the opening of trading in constituent SPX option series on Cboe Options Exchange on Thursday, December 6, 2018. Because the final settlement value for the VX49/Z8 future will be determined one day later than normal, the time to expiration in the calculation of the final settlement value will be adjusted downward by one day to account for the difference in the time to expiration of the constituent options series.

Because the final settlement date of the VX49/Z8 future will not be changing, the time frames for the tiered position accountability levels for the VX49/Z8 future under CFE Rule 1202(d) will remain the same.

VA Futures

CFE has determined that a market disruption event will occur with respect to VA futures on December 5, 2018 due to the observance of the Day of Mourning on that date by U.S. equities exchanges.

As a result, in accordance with the VA contract specifications, the value of the S&P 500 on that day will be omitted from the series of values used to calculate realized variance.

The designation of this market disruption event does not result in a change to any of the input values used when the traded price of a VA futures transaction is converted from volatility points to an adjusted futures price or when the traded quantity of a VA futures transaction is converted from vega notional to variance units for clearing. The only effect will be to reduce the number of prices used to determine the settlement value of each outstanding VA future by 1 at the time of the final settlement of that VA future. The number of expected prices for each outstanding VA future remains the same as CFE previously indicated in the listing notice for that VA future.

ECRP Transactions and Block Trades

ECRP transactions and Block Trades in CFE futures contracts may be consummated on Tuesday, December 4, 2018 or Wednesday, December 5, 2018 if they satisfy all of the following three requirements. The ECRP or Block Trade:

- (i) must be agreed to during a queuing period or trading hours for the applicable contract on December 4, 2018 or December 5, 2018;
- (ii) must be fully reported to CFE by no later than 30 minutes after the transaction is agreed upon for an ECRP transaction and by no later than 10 minutes after the transaction is agreed upon for a Block Trade; and

- (iii) must be fully reported to CFE within a queuing period or trading hours for the applicable contract on December 4, 2018 or December 5, 2018.

For example, an ECRP transaction or Block Trade in VX or XBT futures may not be agreed to or reported during the suspension period for VX and XBT futures in place from 8:30 a.m. until 4:45 p.m. on December 5, 2018 (or from 8:28 a.m. to 4:45 p.m. on December 5, 2018 for VXT TAS transactions).

Additionally, ECRP transactions and Block Trades must be reported through the CFE Block Trade/ECRP Reporting Tool as is the case on regular trading days.

Submission Time Frames for VX and XBT Futures

The chart below sets forth the applicable time frames for the submission of Orders (including Cancel Orders and Cancel Replace/Modify Orders) in VX and XBT futures, including VXT TAS transactions unless otherwise indicated, in connection with the National Day of Mourning.

| Calendar Day | Time Frame | State of CFE's Trading System | What May be Submitted to CFE's Trading System |
|----------------------------|---|-------------------------------|--|
| Tuesday, December 4, 2018 | 4:00 p.m. to system restart (which occurs sometime between 4:05 p.m. and 4:45 p.m.) | Suspended | Nothing |
| Tuesday, December 4, 2018 | System restart (which occurs sometime between 4:05 p.m. and 4:45 p.m.) to 4:45 p.m. | Suspended | Cancels for persisted Good-'til-Canceled (GTC) and Good-'til-Date (GTD) orders from prior trading date |
| Tuesday December 4, 2018 | 4:45 p.m. to 5:00 p.m.* | Queuing Period | Orders (except Market, Immediate or Cancel (IOC), and Fill or Kill (FOK) orders)** TAS orders for VXT** |
| Wednesday December 5, 2018 | 5:00 p.m. (Tuesday, December 4, 2018) to 8:30 a.m. 5:00 p.m. (Tuesday, December 4, 2018) to 8:28 a.m. for VXT | Extended Trading Hours | Orders (except Market orders) TAS orders for VXT |
| Wednesday December 5, 2018 | 8:30 a.m. to system restart (which occurs sometime between 4:05 p.m. to 4:45 p.m.) for VX and XBT 8:28 a.m. to system restart (which occurs sometime between 4:05 p.m. to 4:45 p.m.) for VXT | Suspended | Nothing |

| Calendar Day | Time Frame | State of CFE's Trading System | What May be Submitted to CFE's Trading System |
|-------------------------------|--|-------------------------------|---|
| Wednesday December 5, 2018 | System restart (which occurs sometime between 4:05 p.m. to 4:45 p.m.) to 4:45 p.m. | Suspended | Cancels for persisted GTC and GTD orders from prior trading date |
| Wednesday December 5, 2018 | 4:45 p.m. to 5:00 p.m.* | Queuing Period | Orders (except Market, IOC, and FOK orders)** TAS orders for VXT** |
| Thursday December 6, 2018 | 5:00 p.m. (Wednesday, December 5, 2018) to 8:30 a.m. | Extended Trading Hours | Orders (except Market orders) TAS Orders for VXT |

*The queuing period at the beginning of a Business Day for VX and XBT non-TAS single leg contract expirations and non-TAS spreads commences at the referenced start time for the queuing period plus a randomized time period from zero to three seconds. The queuing period at the beginning of a Business Day for VXT TAS single leg contract expirations and TAS spreads commences at the referenced start time for the queuing period plus a randomized time period from three to six seconds.

**Orders permitted to be submitted to CFE's trading system during these times are not executable until extended trading hours next commence.

Session Disconnect on December 5, 2018

At approximately 4:10 p.m. on December 5, 2018, a session disconnect will occur during the 8:30 a.m. to 4:45 p.m. suspended state on December 5, 2018.

This disconnect will not cause any orders to cancel due to Cancel on Disconnect. As a general rule, Cancel on Disconnect is not in effect between the scheduled end of trading for a given futures product and the next system restart. Trading Privilege Holders may refer to the FIX and BOE specifications for further information on how to configure Cancel on Disconnect settings.

- [Cboe Futures Exchange FIX Specification](#)
- [Cboe Futures Exchange Binary Order Entry Specification](#)

Additional Information

Questions regarding the options trading schedule and settlement may be directed to the Operations Support Center (OSC) or Cboe Trade Desk. Questions regarding the futures trading schedule and settlement may be directed to the CFE Trade Desk.

Click [here](#) for more information regarding OCC processing updates on Wednesday, December 5, 2018.

We appreciate your business and remain committed to powering your potential with Cboe products, technologies, and solutions.

Cboe Operations Support Center

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