

Circular C-EX-DF- 07/2025

Auction Periods and Volatility Auctions

MEFF

June 2025

Segment: Financial Derivatives

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Replaces: C-EX-DF-13/2022

This Circular describes the rules for determination of the auction price, the order types admitted in this trading period and their execution priority, together with details about how information on the auction is communicated while the auction is in progress. It is modified to include the possibility of canceling an order that triggers a volatility auction by the MEFF Supervision Department and is adapted to the xRolling FX schedule.

According to 9.2 Article of the Rule Book, MEFF will dispose of volatility managing mechanisms that are explained on this Circular.

1. DETERMINATION OF THE AUCTION PRICE

An Auction Period is a time to place, modify or cancel orders. Matching does not take place until the end of this period. Then, the system calculates a price that maximizes the number of contracts to match. This price is named the Auction Price and it will be calculated following the rules below:

1. Considering all the orders in the orderbook, the Auction Price will be that which allows matching the highest number of contracts.
2. If there are several prices with equally potential executable volume, the Auction Price shall be that which causes the lowest imbalance (differences between bid volume and ask volume at that price).
3. If there still is more than one price that, trading the same volume, causes the same imbalance, the Auction Price shall be that of the side with more volume.
4. If the three abovementioned conditions still generate more than one price, the Auction Price shall be the one closest to the last traded price (in case of Opening auction, it shall be the previous day's Closing Price). But if the last traded price (or Closing Price) is within the potential auction prices, the final Auction Price will be the last traded price.

Annex 1 contains examples about the algorithm.

2. VOLATILITY AUCTIONS

Volatility Auctions are established as a mechanism to avoid unjustified movements on all negotiable contracts in MEFF Financial Derivatives Segment.

When potential execution price is out of the price spread established in the System, order will not be crossed, and the contract will start a Volatility Auction.

Volatility Auction resolution will be manually after MEFF Supervision Department evaluates the situation and it is expected to last 5 minutes, nevertheless if more time is required for the market situation analysis, Volatility Auction will be extended until the MEFF Supervision Department decides to end it.

The market MEFF Supervision Department may cancel an order that has caused a volatility auction if it prevents the resolution of the auction at market prices and has not been able to locate the market member to handle the order within a maximum period of 10 minutes. To the extent possible, MEFF will inform the member affected by this cancellation.

IBEX 35, Mini IBEX 35 and Micro IBEX 35 Futures: Affected expiries

Only an order that is out the established parameters on the first or second expiry in any of the IBEX 35 Futures contracts will cause a Volatility Auction. If this happens, all IBEX 35 Futures expiries of that Future size and their Time Spreads will start an auction.

xRolling FX Futures

If an order exceeds the established parameters in the first moment (in seconds) or in the second moment (in seconds) in a currency pair, that will produce a volatility auction exclusively in that contract.

Other products. All expiration dates will be affected

3. TYPES OF ORDERS ADMITTED IN THE AUCTION PERIOD AND TRADING PRIORITY

Order types admitted will be the following:

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MEFF Sociedad Rectora del Mercado de Productos Derivados, S.A.U., con domicilio social en Madrid, Plaza de la Lealtad 1, CIF A-86595568, e inscrita en el Registro Mercantil de Madrid en el Tomo 30.460, Folio 151, Sección 8, Hoja M-548163.

- a) Limit orders.
- b) Stop Limit orders. In the course of the Opening Auction these orders do not affect the Auction Price determination and will be triggered (in case they had to) once the Auction Price is determined, becoming Limit orders once the trades derived of the resolution of the auction are performed.
- c) Auction Price orders. The execution of this new order type is conditioned to a successful resolution of the auction with matches between priced orders. These orders affect the Auction Price determination acting as orders at the Limit order best price of the same side. Auction Price orders not executed in the auction are automatically cancelled.
- d) Quote orders. They act as two Limit orders. This type of orders will only be valid for Futures Contracts, not for the Time Spread contracts.
- e) Synthetic orders. Those contracts with the Spread facility activated during the Trading Phase will not have this facility activated during Volatility and Intraday Auction Period. Time Spread contracts will not be available on opening auction. This means that the determination of the Auction Price will be independent on every future maturity and their corresponding time-spread contract.

Regarding trading priority and, while bid and offer orders volume allows for it, Auction Price orders shall be traded in first place followed by Limit orders with better price than the Auction Price and, finally, Limit orders with the same price than the Auction Price, with time priority. There will never be an extension of the Auction period even if the whole volume entered in Auction Price orders is not traded in its entirety.

4. INFORMATION PROVIDED DURING AN AUCTION PERIOD

As long as the best Limit bid order is below the best Limit ask order, there shall not be any possibility of matching (even though there may be Auction Price orders of different side). Therefore, no Auction Price can be displayed. In this situation, the best bid and ask prices will be displayed with their accumulated volumes.

Anytime the price of a bid order is above or equal to the best price of any ask order, an identical bid and ask price will be displayed equal to the potential Auction Price at that time. Volumes will be accumulated in the best prices. The minimum volume of bid and ask volumes will be the potential volume to be matched at the Auction Price.

5. TIME AND DURATION OF THE OPENING AUCTION PERIOD AND OTHER SPECIAL CIRCUMSTANCES WHICH MAY REQUIRE AN AUCTION PERIOD WITH AUTOMATIC RESOLUTION

The Opening Auction Period will take place on a daily basis at the beginning of the session and will affect futures and options simultaneously and not to Time Spreads contracts.

Contrats	Opening Auction start	Opening Auction end
BONO 10 Future	7:55	8:00
IBEX 35, Mini IBEX 35 and Micro IBEX 35 Future	7:55	8:00
xRolling FX Futures	7:55	8:00
Other contracts	8:30	9:00

In the auction period it is possible to introduce, modify and cancel orders.

The end of Opening Auction time will be the time settled in the above table plus a 30 seconds random end.

Auction periods shall also be held on an extraordinary basis when any of these two situations occurs: If any of these events happen Time Spread contracts will also be in Auction.

- When one particular contract has been temporarily suspended from trading by a competent authority and once the suspension has been lifted, the contract will enter into an auction period whose duration will be that of the underlying at SIBE system.
- When, for technical reasons, MEFF had to halt trading in any or all contracts, trading will be restored after an auction period whose duration will be informed.

6. FUNCTIONING OF PRICE AND VOLUME FILTERS (LIMITS) DURING AUCTION PERIODS

Volume filters will operate in the same way during Auction and Continuous Trading periods.

Price filters, which during the Continuous Trading act comparing the price of the orders with the “last” price, will work as follows during the Auction Period:

- Price filters on Limit Orders: During the Opening Auction the order price will be compared with the previous day Closing Price (if the evolution of other markets has significantly moved with respect to the previous session, the value on which the filters apply will be changed by MEFF). In other type of auctions order price will be compared with the same reference that is compared during trading phase and defined on Circular 04/2020 Use of filters by Members and treatment of erroneous entries in Futures and Options and the Instruction 02/2020 or that one that may substitute.

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