



Trade Adjustment and Cancellation Policy

ICE Futures Europe

August 2022

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Guidance - ICE Futures Europe Policy on Trade Adjustment and Cancellation (“Trade Adjustment and Cancellation Policy”)

1. Determinants of the Trade Adjustment and Cancellation Policy

ICE Futures Europe (“the Exchange”) considers the main determinants of its Trade Adjustment and Cancellation Policy to be:

- a) While wholly accepting that trades executed substantially away from the prevailing Market price may damage user’s confidence in the Market, the Exchange also considers it essential to the integrity of the Market that transactions, once executed, will stand and not be adjusted or cancelled arbitrarily.
- b) The Exchange is also mindful that trades, once executed, may trigger further trades and the subsequent adjustment or cancellation of the trigger may cause confusion and loss to other Market users who have acted in good faith.
- c) It is critical that decisions as to the validity of trades are made by the ICE Futures Europe Market Supervision Department (“Market Supervision”) within narrow time frames and that the decision is communicated to the market without undue delay.

It should be noted that the Exchange has the unilateral right to cancel or adjust the price of any trade which is clearly unrepresentative, including in instances where there has been no request from a market participant.

The trade adjust facility will be the preferred method to resolve instances whereby transactions have taken place at an unrepresentative price. Trades reported to, or placed under investigation by the Exchange within a designated time period since execution (see 5 (a) (i) below), that are more than three times the No Cancellation Range from market value, will be subject to a preferred automatic cancellation. Trades reported, or placed under investigation outside of this time period will be subject to a preferred price adjustment as a method of dispute resolution.

The Exchange reserves the right to consider all trade investigations on their individual merits. In doing so it shall endeavour to ensure that the policy set out is adhered to, but reserves the right to amend this policy in consideration of the circumstances of each individual case in the interest of maintaining a fair and orderly Market.

The decision of the Exchange will be final.

2. Exchange Controls

The Exchange considers that systems and controls are important in reducing the likelihood of orders entered in error, preventing the execution of trades at unrepresentative prices and reducing the Market impact of such trades. The Exchange considers that such systems and controls ideally should be present at both Exchange level (on the ICE Platform itself and within the Exchange Regulations) and at Member level. The Exchange considers that many of these systems and controls already exist at the Exchange level.

These include:

- a) ICE Platform configuration facilities:
 - i. price reasonability limits, set by the Exchange, which prevent the execution of trades outside the upper level of these limits;
 - ii. volume reasonability limits, set by the Exchange, which prevent volumes above

- a certain level to be either designated for trading or traded;
 - iii. optional pre-confirmation messages which appear before the execution of all trades; and
 - iv. an option to designate the quantity that a user may wish to trade rather than trading the total quantity that is available to be traded at a specified price.
- b) The Regulations which provide the Exchange with an absolute discretion to delete orders, adjust trade prices, cancel trades or suspend the Market in the interests of maintaining a fair and orderly Market.
- c) The Regulations which require adequate systems and controls at Member level.

The Exchange considers it to be prudent to articulate fully guidance related to:

1. Preventing execution of trades at unrepresentative prices.
2. Any policies and procedures for the price adjustment or cancellation of trades. This includes clear guidance on criteria for price adjustment or trade cancellation and establishing proposed time limits for the identification, investigation and resolution of trade disputes.

3. Defined No Cancellation Range

A component of Market integrity is the assurance that once executed, except in exceptional circumstances, a trade will stand and not be subject to adjustment or cancellation. Any trades that do not have an adverse effect on the Market should be allowed to stand, even if executed in error.

The Exchange determines parameters above or below an Exchange set anchor price for each Contract within which a disputed trade will stand. Such parameters are known as 'no cancellation ranges' ("NCR")

If a trade takes place within the NCR and is disputed by a market participant, the trade will stand, subject to 5 (f) below.

The Exchange retains the right to double the NCR for any future or option contract during the trading day and in such cases a notification will be broadcast to the market accordingly.

4. Price Reasonability Limits

The ICE Platform incorporates a price reasonability limit to prevent 'fat finger' type errors and is the amount the price may change in one trading sequence from the anchor price. These limits are set by the Exchange and may be varied without notice according to Market conditions. Beyond these limits, the ICE Platform will not execute limit or Market orders unless the Market moves to bring them within the reasonability limit.

Any trade executed at a price within this price reasonability limit but outside of the NCR for that Contract, if notified to the Exchange within the designated time period, shall be investigated by Market Supervision.

The price reasonability limits for each Contract will necessarily be flexible to take account of prevailing market conditions. It remains at the discretion of the Exchange to determine when such conditions apply.

5. Trade Investigations

Commencement of Investigation

- a) Market Supervision may, in its absolute discretion, investigate a trade where:
 - i. a market participant (who may or may not be party to the trade) disputes the price of a trade and has notified the dispute to market supervision within 8 minutes from the time of the original trade; or
 - ii. Market Supervision determines that a trade may have been made at an unrepresentative price and where no notification has been received from a market participant.
- b) Market Supervision will notify the Market immediately, via the WebICE broadcast message, that a trade is under investigation; that a trade has been cancelled or the price of a trade has been adjusted, giving details of the trade including contract month, price and volume.
- c) The Exchange shall not investigate a trade when a dispute has been notified in respect of the volume only. In such an event, the trade may be referred to the Compliance Department, which may make further enquiries as to the validity of the trade.
- d) For each contract, there is a defined NCR. Trades executed within this price range will not, under normal circumstances, be adjusted or cancelled (see below).
- e) Trades executed within the price reasonability limit but outside the defined NCR may be reported to Market Supervision and investigated in accordance with the Regulations.
- f) The Exchange's trading platform incorporates mechanisms which imply prices into markets from orders in outright, spread and composite contracts. It is possible for trades to occur which involve a combination of legs, some of which may be inside the NCR whilst others fall outside of it.

Where possible, the Exchange will apply the preferred adjustment policy to resolve trades which occur under these circumstances. However, scenarios can occur whereby it is not practicable for the Exchange to adjust all legs in a manner that satisfies each and every leg's NCR.

The Exchange will consider any such scenario on its individual merits in the interests of maintaining a fair and orderly Market; however, it is possible in such a scenario that individual legs which ordinarily fall within the NCR are subject to cancellation; conversely, trades ordinarily falling outside of the NCR might not be cancelled.

Final Determination by Market Supervision

- a) Where Market Supervision has made the decision that the trade being investigated, or any such consequential trades, were executed at an unrepresentative price, it may, in its absolute discretion:
 - i. adjust the price of the trade under investigation and consequential trades to a price that Market Supervision evaluates as fair market value at the time of execution, plus or minus the NCR for that Contract
 - ii. cancel the trade under investigation and any such consequential trades; or
 - iii. let the trade under investigation and any such consequential trades stand

- b) If the Exchange determines that the price of the trade under investigation or any such consequential trades is to be adjusted, the adjusted price may be:
 - (i) outside the terms of the Limit Order for which the trade under investigation or any such consequential trades were executed, and, in such instances, the adjusted price shall be applied to the Limit Order despite being outside the order terms; or
 - (ii) below the stop price of a buy Stop Order or above the stop price of a sell Stop Order, and, in such instances, the adjusted price shall be applied to the Stop Order despite the fact that the trade price sequence after any price adjustments would not have elected the Stop Order.
- c) In the event that there are a significant number of counterparties, transactions or contracts associated with the trade being investigated, or any other factor deemed relevant by the Exchange, Market Supervision has the authority to allow trades to stand or cancel trades rather than adjust prices. The decision of Market Supervision is final.
 - (i) If the Exchange determines that the price differential of a spread trade under investigation is unrepresentative of the market then the trade will be adjusted to the price differential at the time of execution plus or minus the no cancellation range for that contract. The Exchange maintains the authority to allow spread trades to stand or be cancelled.
- d) The Exchange will make every attempt to ensure that a decision on whether a trade under investigation will be adjusted, cancelled, or left to stand, will be notified to the parties involved in the trade(s), and to the Market, as soon as reasonably possible after the time of the original trade.
- e) Orders related to deals which have been cancelled will not be resubmitted by the Exchange. Participants must resubmit all orders; any priority held by the original (cancelled) order will be lost.
- f) All post trade administrative actions, such as claims and allocations, will need to be completed as normal on any trade that has been subject to a price adjustment.
- g) Any trade, which is under investigation and the price of which is subsequently adjusted or the trade is cancelled due to the determination that it has been executed at an unrepresentative price, may be investigated by the Exchange.
- h) Participants are advised that any trade, whether adjusted, cancelled or allowed to stand, may be the subject of further investigation and possible disciplinary action if the Exchange suspects the trade was conducted for an improper purpose or otherwise in breach of the Regulations.

6. Factors considered when investigating a trade

A swift resolution is paramount when investigating a trade. This preserves Market integrity and limits the possibility of consequential trades executed as a direct result of a trade executed at an unrepresentative price.

In determining whether a trade has taken place at an unrepresentative price, certain factors will be taken into account. They may include, but not be limited to:

- ◆ price movement in other delivery months of the same contract;
- ◆ current market conditions, including levels of activity and volatility;
- ◆ time period between different quotes and between quoted and traded prices;
- ◆ information regarding price movement in related contracts, the release of economic data or other relevant news just before or during electronic trading hours;
- ◆ manifest error;

- ◆ whether there is any indication that the trade in question triggered stops or resulted in the execution of spread trades;
- ◆ whether another Market user or client relied on the price;
- ◆ any other factor which the Exchange, at its sole discretion, may deem relevant.

The Exchange will not disclose to the counterparties to the trade under investigation the identity of their counterparty. The identities of the counterparties to the trade will not be disclosed to any Market practitioner it may consult with. The Exchange believes that the identity of the counterparties to such trade should not affect the determination of whether a price is representative of Market value or not.

7. Consequential Trades

One of the factors taken into consideration by the Exchange will be whether the trade under investigation triggered contingent orders or resulted in the execution of spread trades or whether another Market user or client relied on the price to execute consequential trades.

When resolving a situation involving consequential trades, the Exchange will consider these on a case by case basis, evaluating each situation on its individual circumstances and merits. When considering its approach, the Exchange will consider those consequential trades directly related to the trade under investigation and consider reasonably any trades (specifically spread trades) which have been derived from the trade itself and those executed as a result of it.

In circumstances where trades are executed as a consequence of the trade under investigation after Market Supervision has notified the Market of such trade, should the trade subsequently be adjusted or cancelled, these consequential trades will not be cancelled.

8. Off-Exchange Trades

Off-Exchange transactions submitted to the Exchange for clearing purposes will not be subject to this Trade Adjustment and Cancellation Policy. Rather, those trades may be adjusted or cancelled by the submitting broker or by the Exchange upon mutual agreement of and per the instructions of the two counterparties.

9. Option Trades

In normal circumstances, the Exchange will only adjust or cancel trades on the basis that the price traded is not representative of Market value.

The NCR for an option is defined by the Exchange as follows;

% of Theoretical Value up to a maximum % of the underlying Futures NCR with a minimum absolute value relative to each Product.

The NCRs for Soft Commodity and Individual Equity Options are fixed values categorised in bands dependent on theoretical value.

Any trades, with the exception of Conversion Trades, executed outside of this range will not necessarily be cancelled but will be subject to review by the Exchange. In the case of Conversion Trades, there is a pre-determined NCR for this trade type set on a per product basis.

A Conversion Trade is defined as a risk neutral strategy whereby the trader buys the underlying future, buys a put and writes a call on a 100 delta, with identical strike prices and expiration dates. For clarity, this also incorporates a Reverse Conversion Trade, which is where the trader sells the underlying future, buys a call, sells a put on a 100 delta with identical strike prices and expiration dates, and is again a risk neutral strategy.

In the case of a hedged User Defined Strategy (UDS) the futures position must offset the net options position of the UDS. Any trades executed on a UDS where the hedge is the opposite of a normal hedging operation, and therefore increases exposure to risk, are not permitted on the

Exchange and will be subject to cancellation.

A User Defined Strategies (UDS) will be evaluated on the basis of the strategy unless there are implied deals in which case each leg of the UDS will be evaluated independently.

The following examples offer guidance as to the determination of an option's NCR and the implementation of the Error Policy;

Example 1

A \$107.00 Dec22 Brent call option trades at \$1.53. The Exchange has the Theoretical Value set at \$1.24.

The NCR for Brent options is currently set at 25% of Theoretical Value up to a maximum of \$0.50 with a minimum of \$0.10.

In this case the NCR equates to \$0.31 (25% of the Theoretical Value).

Applying \$0.31 to the Theoretical Value of \$1.24 gives an NCR of \$0.93 to \$1.55.

In this example the trade at \$1.53 would not be adjusted or cancelled by the Exchange.

Example 2

A \$96.50 Nov22 Brent put option trades at \$15.00. The Exchange has the Theoretical Value set at \$13.64.

The NCR for Brent options is currently set at 25% of Theoretical Value up to a maximum of \$0.50 with a minimum of \$0.10.

In this case, 25% of the Theoretical Value is \$3.41, which is greater than the maximum of \$0.50.

Applying \$0.50 to the Theoretical Value of \$13.64 gives an NCR of \$13.14 to \$14.14.

In this example the trade at \$15.00 would be subject to review by the Exchange.

Equity and Index Options

The NCRs will be doubled for all equity and index option contracts throughout the opening 15 minutes of trading (08:00 - 08:15 London Time). The Exchange reserves the right to extend this period and in such cases a notification will be broadcast to the market accordingly.

The NCRs will be doubled for any equity or index options that have been declared by the Exchange to be in "Stressed Market Conditions". Stressed Market Conditions may be declared by the Exchange due to significant price movements in the underlying stock or index and in such cases a notification will be broadcast to the market accordingly. This may include retrospectively declaring "Stressed Market Conditions" when pertinent information is made publicly available during the trading day.

ICE Futures Europe Market Supervision – contact with Responsible Individuals/users

There may be occasions during the trading day when Members' clients who are order-routing through WebICE have reason to make direct contact with Market Supervision (+44 (0)20 7382 8200). Whilst the Exchange is pleased to assist all users of the system by providing advice and information, it is not the policy of the Exchange to take any instructions from such clients/users in respect of the removal of quotes or the cancellation of trades.

All such instructions must, without exception, be directed to Market Supervision via the Responsible Individual or senior management of the Member firm submitting the order. It is the responsibility of Member firms to ensure that they are able to respond to their client's instructions at all times.

Members are also advised that any request for the removal of orders made to Market Supervision by the Responsible Individual or senior management of the Member firm shall always be actioned on a best endeavor's basis by the Market Supervision.