# EURONEXT FX INC. OPERATING PROCEDURES

EFFECTIVE DATE: March 15th, 2022

# **Euronext FX Inc.**

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The Operating Procedures shall become effective automatically on the Effective Date set forth above, without further notice.



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#### OPERATING PROCEDURES

### 1. Overview

Euronext FX Inc. ("Euronext FX") offers its clients a global ECN trading platform ("Platform") from which to execute transactions in spot-settled foreign exchange and certain spot-settled precious metal products. The Platform operates three separate and distinct matching engines located in New York, London and Tokyo (located at data centers NY4, LD4 and TY3, respectively). Each matching engine emits its own market data, trades, and midpoint values. Euronext FX may add additional data centers and matching engines from time to time in its discretion without updating these Operating Procedures, and may also route orders to and accept for execution orders routed from, an ECN trading platform operated by its wholly-owned subsidiary, Euronext Markets Singapore Pte. Ltd. ("Euronext Markets Singapore"). For Users which are also customers of the Euronext Markets Singapore trading platform and utilize one or more prime brokers for both the Platform and the Euronext Markets Singapore ECN trading platform, credit provided by prime brokers to Users will be allocated dynamically across the Platform and the Euronext Markets Singapore ECN trading platform.

The Platform does not permit transactions in "swaps," as defined by the Commodity Futures Trading Commission ("CFTC"), derivatives contracts, or any other capital markets products as defined under the Securities and Futures Act 2006, as may be amended or updated from time to time ("SFA"). References to "Spot FX" shall mean and include spot trading in precious metals, unless otherwise required by the context.

Users must have the ability to effect physical delivery with respect to transactions occurring via the Platform; the transactions occurring on the Platform are not rolled as a matter of course; and any netting will only be done in accordance with a pre-negotiated netting agreement.

Euronext FX is not responsible for compliance by Users with regulatory obligations applicable to swap dealers or otherwise imposed by rules of the CFTC.

Application of these Operating Procedures

These Operating Procedures operate as a binding contract between Euronext FX and each User, and between a User and other Users.

These Operating Procedures are incorporated into and form part of the terms and conditions of the User Agreement (as may be amended from time to time) between Euronext FX and its clients, including participating financial institutions ("PFI's"; together with trading clients, "Users"). User represents, acknowledges and undertakes that it has read and understood the terms, conditions and rules as set out in this Operating Procedures (as may be amended from time to time), and agrees to comply with and be bound by them. User further acknowledges and agrees that the aforementioned representation, acknowledgement and undertaking shall be deemed repeated each and every time the User accesses, attempts to access, use or conduct any act or transactions via the Platform. Without prejudice to the foregoing, Compliance with these Operating Procedures is required under these legal agreements and is a condition for transacting on the Platform. Different rules and procedures apply to consumers of other Euronext FX products and services. These Operating Procedures may be



amended at any time by Euronext FX in accordance with the terms of a User's legal agreement with Euronext FX. Users are responsible for promptly notifying Euronext FX by email to <a href="mailto:support\_FX@euronext.com">support\_FX@euronext.com</a> of any account administrative changes (e.g., changes to corporate name or controlling ownership, updates to contact information or designation of authorized signatories) and completing the documentation reasonably requested by Euronext FX to effectuate such changes. Euronext FX may make administrative changes to the terms of these Operating Procedures, such as updating its hours of operation, contact information and website links by posting the updated information on its website or directly notifying Users, without amending these Euronext FX Operating Procedures.

Information about Platform features are made available from time to time on the Euronext FX website located at <a href="http://www.euronextfx.com">http://www.euronextfx.com</a> (the "Website"). The Website is made available for general informational purposes only, and may be changed at any time without notice. Users should be aware that the Website may not be updated immediately, and questions about Platform features should be directed to Euronext FX.

Euronext FX reserves the right to restrict or suspend a User's access to and use of the Platform if Euronext FX determines in its sole discretion that a User's activity fails to conform to these Operating Procedures, or if a User violates the terms of any other agreement with Euronext FX or applicable law or regulation.

### 2. FX Global Code

Euronext FX has published its Statement of Commitment to the FX Global Code (<u>Euronext FX Inc Statement of Commitment.pdf</u>) and has taken appropriate steps to align its operation of the Platform with the principles of the FX Global Code<sup>1</sup>. Euronext FX has published its Platform Disclosure Cover Sheet on the Website (<u>Euronext FX Inc. and Euronext Markets Singapore Pte. Ltd. Platform Disclosure Cover Sheet.pdf (euronextfx.com</u>)).

To the extent that anonymity can be fully maintained, Euronext FX will respond to Users' inquiries as to whether their trading counterparties have signed a Statement of Commitment to the FX Global Code. Euronext FX's response will be based on, only, information provided to the company by the relevant trading counterparty and/or as publicly disclosed on the Global Index of Public Registers ("Global Index") maintained by the Global Foreign Exchange Committee (GFXC) (i.e. <a href="https://www.globalfxc.org/global\_index.htm">https://www.globalfxc.org/global\_index.htm</a>) and is limited in its scope in that Euronext FX will check the Global Index periodically only and does not independently verify the information provided by Market Participants nor undertake to investigate compliance by Users. Euronext FX reserves the right to update the foregoing policy by updating the Website or otherwise providing notice to relevant Users.

# 3. Hours of Operation

Trading hours for the Platform are from Sunday at 5:30 p.m. Eastern Time to Friday at 5:00 p.m. Eastern Time, with daily maintenance scheduled from 5:00 p.m. Eastern Time to 5:30 p.m. Eastern Time, during which time FIX sessions will be disconnected and the GUI will be

<sup>&</sup>lt;sup>1</sup> Some Users may choose not to publish a Statement of Commitment to the FX Global Code or to adopt its principles. Euronext FX does not require all Users to do so and makes no representations on their behalf.



inaccessible. The Platform has no trading hours on Christmas Day and New Year's Day, Eastern Time. Please further refer to <a href="https://www.euronextfx.com/trading-features/features#trading-hours-title">https://www.euronextfx.com/trading-features/features#trading-hours-title</a> for the hours of operation. References to Eastern Time are to New York City local time.

Euronext FX may vary the trading or operating hours from time to time as necessary in its discretion for the smooth operation of the Platform.

Euronext FX's support desk can be reached at +1 (212) 201-7319 or by email to <a href="mailto:support FX@euronext.com">support FX@euronext.com</a> from Sunday at 5:30 p.m. Eastern Time to Friday at 5:00 p.m. Eastern Time, excluding Christmas Day and New Year's Day, Eastern Time.

### 4. Access Methods

The Platform may be accessed by the access methods described in this Operating Procedures. Each User is responsible for maintaining the hardware, software and communication devices and services necessary to access and use the Platform. The system allows for configuration of single User vs. single User interactions and single User vs multiple User interactions.

Users that access the Platform by way of application program interface ("API") provided by Euronext FX will need to complete certification to the API in order to receive production credentials. Users must (i) keep Euronext FX fully informed at all times of the identity of each software program or system that directly or indirectly accesses the API, and (ii) only provide access to the API to those software programs and systems that have been previously approved by Euronext FX in writing (such approval may be given by e-mail from a Euronext FX Operations Manager). Users may also choose to transact on the Platform by GUI.

# 5. Spot FX

The list of currency pairs available from time to time for trading are displayed on the Platform and at <a href="https://www.euronextfx.com/trading-features/currency-pairs">https://www.euronextfx.com/trading-features/currency-pairs</a>. Euronext FX reserves the right to add, remove, change or alter the list of currency pairs that are available on the Platform or suspend one or more currency pairs made available on the Platform from time to time.

# 6. Data Dissemination; Anonymity

Euronext FX makes available to its Users market data, consisting of relevant quotes, and also provides each User with post-trade data relevant to its transactions. Users may receive market data via the GUI, API, or user download via web client portal or secure Amazon cloud. Except as otherwise agreed to by the relevant Users (in connection with disclosed bilateral trading), Euronext FX discloses party information in aggregated and anonymized form only, and in accordance with Euronext FX's agreements with Users. In disclosed bilateral trading, the identities of the counterparties are known.

In anonymous trading, following execution of a transaction, each party will receive an anonymous identifier that represents the counterparty. Euronext FX offers multiple methods to deliver this tag information, including real-time delivery. Price takers will also receive the anonymous identifier of what would have been the counterparty for trades that are rejected by the Liquidity Provider. Users which are price takers can request that their assigned unique anonymous



numeric client identifier be shared with liquidity providers pre-trade; otherwise, the unique identifier of the User will not be shared pre-trade and the liquidity provider will receive a generic identifier (e.g., 1000) pre-trade.

In disclosed trading, liquidity providers receive a numeric client identifier for each counterparty with which it executes trades, after the match but before the trade is executed (i.e., pre-trade).

In all cases a credit settlement code is distributed to liquidity providers after the match but before the trade is executed (i.e. pre trade).

As part of Euronext FX's suite of product offerings, Euronext FX may disseminate market data via the Website and also makes historical and real-time market data available to subscribers of market data pursuant to legal agreements with Euronext FX.

# 7. Principal and Agency Trading

User may engage in proprietary trading and or trade on behalf of their customers. Where a User is acting as agent on behalf of its client(s), the User shall (i) have the authority to act on behalf of the client(s) and to enter orders and execute trades in accordance with these Operating Procedures, the User Agreement and applicable law, (ii) be responsible to Euronext FX and other applicable User for settlement of trades entered into on behalf of its client(s), and all other activity on the Platform, and (iii) shall act in accordance with its obligations to its client(s). It is the sole responsibility of the User to ensure that all activities carried out on/through the Platform will not breach any agreement that the Use has with its client. The User will provide Euronext FX with all information about its client(s) that Euronext FX reasonably requests.

No User may provide access to the Platform to its underlying client without prior written authorization.

# 8. Order Types

User may enter permissible order types only.

Please visit <a href="https://www.euronextfx.com/trading-features/

# 9. Liquidity; Matching Rules

# Liquidity Types

Euronext FX utilizes two types of price liquidity: order driven liquidity and quote driven liquidity. Order driven liquidity resides on the Euronext FX book and is executed immediately upon arrival of the opposite side order. Quote driven liquidity is provided by liquidity providers and gives the liquidity provider the ability to choose to fill or reject the order before execution.



Euronext FX prioritizes order driven liquidity over the quote driven liquidity at the same price.

Euronext FX offers Users a choice with regards to liquidity. By default, Euronext FX Users are configured to receive both order driven liquidity and quote driven liquidity. *Users can opt out from interacting with quote driven liquidity (for all currency pairs or for select currency pairs) by contacting Euronext FX's Liquidity Management group at <u>liquidity fx@euronext.com</u>.* 

# Liquidity Configuration

Users may interact with a customized set of liquidity, which may be set and changed at Euronext FX's discretion based on several factors, such as: (a) User-defined trading strategy or objective; (b) User-defined counterparty preference; (c) User-defined types of liquidity (i.e. firm only, non-firm only, or both firm and non-firm); (d) User's access method (i.e. API or GUI); (e) historical market impact; (f) historical bid-offer spreads; and (g) historical acceptance rates.

# Matching Rules

Euronext FX utilizes a smart order routing technology function called "Flexible Matching". For more information please contact Euronext FX's Liquidity Management group at <a href="mailto:liquidity\_fx@euronext.com">liquidity\_fx@euronext.com</a>. Additional information may be made available at please visit <a href="https://www.euronextfx.com/trading-features/features/features/matching-rules-title">https://www.euronextfx.com/trading-features/features/features/features-f

When there are multiple quotes with same price, matching priority for Spot trading occurs in the following hierarchical order:

1) Price – Quote with the best price (highest bid or lowest offer) wins the counterparty order. If more than one quote at the best price, the next factor (Step 2, below) is considered.

For the purpose of matching priority, the price is determined as follows:

- a) For a Firm Quote: The price is the price of the quote.
- b) For a 'Last Look' Quote: The price is the price of the quote with an adjustment applied. The adjustment (i.e. matching priority revision) is calculated by the FlexMatch<sup>TM</sup> algorithm, and can be uniquely configured by the taker.
  - i) The FlexMatch matching priority adjustment consists of the following:
    - (1) Calculation of a subjective value that reflects the liquidity provider's ("*LP*") execution quality. This is a combination of 3 factors (the *LP*'s fill rate, the *LP*'s hold time and the *LP*'s market impact).
    - (2) The 3 factors are tracked on taker/pair/LP basis; however, when there is insufficient data at that level of granularity, the factors are estimated on the LP basis across all takers/pairs.
    - (3) The 3 factors are weighted equally by default, but weighting can be customized on a per taker basis.
- c) A Firm Quote has an absolute priority over Last Look Quote at the same (adjusted) price.

Note: The FlexMatch adjustment is used for the purpose of match priority only. The adjustment is not reflected in the market data or the execution price.



2) Size – Largest quote wins the counterparty order. If there is more than one quote with the same visible size and the same hidden size (or no hidden size), the next factor (Step 3, below) is considered.

More specifically, a quote with the largest visible size wins the counterparty order. If there is more than one quote with the same (largest) visible size, the hidden size of these quotes is compared and the quote with the largest hidden size wins the counterparty order. For example, a lit quote(visible size>0) always wins vs. dark quote (visible size=0).

3) Time - Earliest quote wins the counterparty order.

Please visit <a href="https://www.euronextfx.com/trading-features/features/features/matching-rules-title">https://www.euronextfx.com/trading-features/features/matching-rules-title</a> for updated information on matching rules. Euronext FX reserves the right to change matching rules by posting changes on the Website, without further prior notice, where it reasonably believes it necessary in order to maintain a fair and orderly market.

# 10. Order Properties; Order Cancelation; Suspension

Orders represent a binding commitment by the order originator and can be executed immediately as soon as the match is found without additional notifications to the originator. Quotes which are submitted by liquidity providers represent an "indication of interest" and will not be executed automatically.

- 1) A User can submit instructions to either cancel or modify an order which that User has placed on the Platform if that order has not yet been matched.
  - a) When an attempt is made to cancel an order while matches are pending, Euronext FX will cancel the outstanding quantity, mark the order for cancel (will no longer participate in matching) and wait for all pending matches to complete, canceling additional quantities if necessary.
  - b) If a User modifies an order that has not been executed, Euronext FX will treat the modified order as a new order.
  - c) Euronext FX will attempt to cancel or modify an existing order after a User enters a cancelation or modification instruction. However, the order may be executed before Euronext FX is able to cancel or modify it. If an order has been filled in whole or in part, a User may modify or cancel only that portion of the order (if any) that has not been executed. Once canceled by Euronext FX, an order will not be executed.
- 2) Matched orders may be disputed prior to settlement in accordance with Euronext FX's trade dispute process set out in the Transaction Review Policy section of these Operating Procedures.
- 3) In the event of a system failure where the Platform experiences a service loss, open orders will be canceled regardless of their time in force. Orders that were filled but not yet



confirmed will be considered filled. Please contact <u>support\_fx@euronext.com</u> regarding any questions.

- 4) Quotes differ from orders in several important distinctions, including:
  - a) Quotes do not require explicit confirmation on submission or cancelation.
  - b) Quotes do not interact with each other.
  - c) Quotes do not get price improvement.
  - d) When an attempt is made to cancel a quote, the open quantity is canceled immediately. All the outstanding matches can complete normal cycle.
  - e) Quotes can be configured as hidden.

Euronext FX is not obliged to accept any quotes or orders submitted by Users. Without limitation, Euronext FX may reject an order or quote if: (i) Euronext FX believes the order or quote is an Impermissible Transaction (as defined below); (ii) where any situation arises which leads to a suspension or termination of User; (iii) the quote or order is subject to a market protection control; and/or (iv) Euronext FX believes the quote or order is suspicious or inaccurately provided. In such event, Euronext FX reserves the right to reject and cancel the order or quote.

# 11. Trade Reporting, Clearing and Settlement

Trades matched are reported to the Users' respective prime brokers either directly via a drop copy or via a clearing network. Following each matched trade, the Platform will send an electronic notice of execution to each User, its prime broker and/or its third-party clearing network setting forth the trade details. Trades are settled bilaterally between the Users to the trade or their prime brokers. Each User is responsible for the clearing and settlement of its trades, and for retention of records relating to its orders and trades. The User shall provide documentary evidence of such clearing arrangements as Euronext FX may require from time to time.

It is the responsibility of the Users and/or the prime brokers to comply with all trade reporting requirements under applicable laws.

## 12. Credit and Other Limits

Users may enter into transactions on the Platform utilizing the services of a prime broker, acting as its agent for such purpose. Prime brokers are subject to the terms of the PFI Addendum executed by them. Such prime brokers may establish certain limits on the trading activities for each of its clients, including credit limits and restrictions on authorized counterparties. Such limits shall be established by notifying Euronext FX by (i) entering credit limits into the Credit Match<sup>TM</sup> functionality and (ii) by notifying Euronext FX in writing, by email or other written communication to <a href="mailto:support\_fx@euronext.com">support\_fx@euronext.com</a>. Euronext FX shall be entitled to rely upon the instructions provided by such prime broker. The limits set by a prime broker for each client shall become effective upon



entry of a credit limit into CreditMatch<sup>TM</sup> or entry of the limits into the Platform's system by Euronext FX personnel, which shall occur as soon as reasonably possible after receipt of such instruction (or such other time period as may be agreed upon by the prime broker and Euronext FX).

# 13. Central Clearing Counterparty

Central Counterparty ("CCP") refers to one or more intermediary counterparties identified and used by Euronext FX to provide central counterparty clearing and settlement services in respect of the User's transactions on the Platform. For more information, please contact Euronext FX Sales at <a href="mailto:sales\_fx@euronext.com">sales\_fx@euronext.com</a>. Euronext FX does not act as an agent of any intermediary or central counterparty and is not responsible for any actions of the intermediary or central counterparty.

### 14. Market Protections

The Platform contains mechanisms designed to protect Users against excessive quoting and other errors. Euronext FX may modify features in whole or part in order to safeguard the security of the Platform and maintain a fair and orderly market, including the event of exceptional market conditions. In such event, Euronext FX will provide Users with as much notice as reasonably possible, either directly or by posting changes on the Website.

Features of the Platform designed to provide additional protections to Users include:

- 1) Open Order Limit Rejection of new orders if a User has more than 500 open orders in a session at any given time.
- 2) <u>Disabling Quote Providers</u> Disabling a quote provider if a provider takes more than the maximum allowed response time; an email notification will automatically be sent.

# 3) Off-Market Price Protection -

- a) A match will not occur on the Platform if the value of an order or a quote is greater than the allowable amount. The allowable amount is the "Max Distance from Mid Price for Orders" and the "Max Distance from Mid Price for Quotes" values, which are specified on the Website at <a href="https://www.euronextfx.com/trading-features/currency-pairs">https://www.euronextfx.com/trading-features/currency-pairs</a>.
  - i) The "Mid Price" is the Euronext FX Mid Price in the relevant matching engine, as determined by Euronext FX based on activity on that matching engine.
- b) Orders submitted more than 3% away from the Mid Price will be rejected.
- 4) Pre-trade Credit Check Using the Platform's CreditMatch<sup>TM</sup> application, PFI's, including those PFI's that serve as prime broker to other Users, may manage and monitor their own credit utilization with other PFI's, and the credit utilization that their prime brokerage Users have entered into through the Platform. PFI's may also use CreditMatch<sup>TM</sup> to establish and manage trading limits for themselves or their prime brokerage Users. Trading limits are based on Net Daily Settlement Limit ("DSL NET") and/or Net Open Position ("NOP"). CreditMatch<sup>TM</sup> automatically transmits email alerts to the relevant PFI once credit utilization exceeds 70% of credit limit. CreditMatch<sup>TM</sup> is configured to reject all orders that



would breach 100% of either its DSL NET or NOP limits. The CreditMatch<sup>TM</sup> application is provided to PFI's and users upon request.

Certain features may be configurable at the User's request. Euronext FX may add additional market protections and update the features and configurations described above or on the Website without notice, in order to maintain, in its reasonable discretion, a fair and orderly market. Questions on Platform Market Protections should be directed to support fx@euronext.com.

# 15. Material Market Disruption

Where there is a material disruption on the Platform, including malfunctions of the Platform, attempts to commit market abuse, failure by a third party that is required for the Platform, suspension or termination by CCP, an emergency or extraordinary market conditions, or a force majeure event, Euronext FX may take such actions it deems necessary to restore the proper operation of the Platform. In the event of a system failure where the Platform experiences a service loss, open orders will be canceled regardless of their TIF (time in force). Orders that were filled but not yet confirmed will be considered filled. Please contact <a href="mailto:support\_fx@euronext.com">support\_fx@euronext.com</a> regarding any questions. Material market disruptions effecting orders and transactions are further addressed in Section 16 and 17 below.

# 16. Transaction Review Policy

# a. Categories of Transactions Subject to Review

Categories of transactions subject to review and Euronext FX dispute resolution processes include Impermissible Transactions and Off-Market Transactions.

# Impermissible Transactions

In the event that a User has entered into a transaction and: (i) the counterparty is not an authorized Euronext FX User, (ii) as a result of the User entering into such transaction, the User exceeds any applicable credit limit, or (iii) the product and/or currency and/or tenor that is the subject of such transaction is not permitted, Euronext FX has the right to determine whether the transaction was an Impermissible Transaction, and if so, to cancel the transaction. All decisions of Euronext FX regarding Euronext FX's cancelation of transactions shall be final. As an alternative to cancelling the transaction, Euronext FX may propose to such User to authorize the modification or adjustment of prices on any transaction executed on the Platform, or to otherwise execute new or offsetting transactions on the Platform. For the avoidance of doubt, Euronext FX does not have the right to modify or adjust the prices of any transaction executed on the Platform, or execute new or offsetting transactions on the Platform, without the prior approval of the User.

# Off-Market Transactions

Off-Market Transactions are transactions that are not in line with other prices dealt for trades executed on by other Users at or around the time of the transaction. Euronext FX may also reference non-executed prices available on the Platform around the time of the transaction. The prevailing market is determined by Euronext FX, in its sole discretion, based on current market conditions. If a



User or Euronext FX believes a transaction constituted an Off-Market Transaction, either the User or Euronext FX may initiate a transaction review pursuant to this Transaction Review Policy.

### b. Initiation of Transaction Review

# Transaction Reviews Initiated By Users or Prime Brokers

Users may submit a request to Euronext FX to review a disputed transaction. Each request will be considered on a case-by-case basis and in the sole discretion of Euronext FX. Examples of errors for which a User may request review of the transaction include but are not limited to:

- 1) the User's system or an Authorized User transmitted an erroneous order or quote;
- 2) the Platform made a material mistake or that a mistake occurred as a result of a malfunction in the Platform or by human error;
- 3) an order was incorrectly displayed and/or executed and/or reported; or
- 4) the Platform or User made a clerical or operating error or omission that caused a transaction to be rejected and void ab initio.

Users must submit requests to review a transaction by contacting Euronext FX within 20 minutes of execution of such transaction at +1 (212) 201-7319 or <a href="support fx@euronext.com">support fx@euronext.com</a>, and requesting that the transaction be reviewed pursuant to the Transaction Review Policy. Prime brokers may submit a request to review a transaction within the time period set forth in the Participating Financial Institution (PFI) Addendum or other similar legal agreement, or if no time period is stated in the PFI Addendum, a reasonable time after execution or the transaction. User's review request must include the following information:

- 1) Time of order entry;
- 2) Time of execution;
- 3) Currency pair;
- 4) Notional value;
- 5) Side;
- 6) Price;
- 7) Relevant circumstances.

If a series of transactions are affected, a single request for review submitted to Euronext FX identifying all of the series is acceptable.

Requests received more than (20) minutes after execution may be reviewed depending on the facts and circumstances surrounding such request; however, Euronext FX reserves the right to decline to review any request not submitted within this time period. Euronext FX further reserves the right to initiate review of transactions, regardless of whether a User has submitted a request for review.

In addition, a prime broker shall have the right to have the Platform cancel any transaction effected by the prime broker within one (1) hour after the execution of such transaction if such transaction was executed in excess of a prime broker credit limit.



The prime broker shall communicate the cancelation request directly to Euronext FX and the counterparty and indicate which prime broker credit limit was exceeded.

In the event the counterparty to the canceled transaction disputes the right of the prime broker to have the Platform cancel such transaction, the dispute will be resolved in accordance with the trade dispute process set out below (Transaction Review and Resolution Process).

### 17. Transaction Review and Resolution Process

If Euronext FX determines, at the request of a User, prime broker, or in its sole discretion that circumstances warrant a review of a transaction, order or other instruction to the Platform, including those circumstances where a transaction (or order) is the subject of a request for review, suspected of being an Impermissible Transaction, Off-Market Transaction, affected by a material market disruption (as described in Section 16 above), User system error, associated with suspicious activity, or other good cause (collectively, "Reviewed Transaction"), Euronext FX may initiate a review of such transaction (or order), although Euronext FX is not under any obligation to review any transaction and shall not be liable for any failure to do so.

Euronext FX will use its good faith efforts to contact each party to a transaction (or order), and/or their prime brokers that has been disputed by the counterparty or which is an Off-Market Transaction of Impermissible Transaction. *Euronext FX will not review a transaction that has already settled*. Euronext FX will use reasonable efforts to protect the anonymity of the parties to a Reviewed Transaction, although Euronext FX may provide relevant data to each party in its efforts to have the parties to the Reviewed Transaction reach a mutually acceptable result.

Euronext FX will review relevant information available to it to resolve the Reviewed Transaction. For example, if the Reviewed Transaction is related to an Off-Market Transaction, Euronext FX will review available data to determine the market rate for similar transactions executed at the time of the Reviewed Transaction. Among the information that Euronext FX may consider are pricing data from the Platform and similar markets, oral interviews with the parties to the Reviewed Transaction, and discussion with market professionals not involved in the Reviewed Transaction.

Euronext FX will use good faith efforts, and as it deems appropriate under the circumstances, to assist the parties to the Reviewed Transaction to arrive at a resolution which is reasonably acceptable to those parties, and to Euronext FX's interest in conducting an orderly market. In the event the parties do not timely agree upon a reasonable resolution with respect to a transaction disputed by the parties, Euronext FX may, in its discretion, determine upon the resolution for the Reviewed Transaction which is binding upon the parties. Possible resolutions of Reviewed Transactions include, but are not limited to, an agreement by the parties to the Reviewed Transaction to modify one or more of its terms, or Euronext FX's determination to uphold the Reviewed Transaction as executed or to void the Reviewed Transaction. Further, in order to maintain a fair and orderly market and to assist Users affected by unusual circumstances, Euronext FX, may, in its sole discretion and where applicable based on the nature of the Reviewed Transaction, identify a counterparty for one side of the Reviewed Transaction, and may instruct such counterparty to initiate such trades acting on Euronext FX's instruction and on its behalf.



While Euronext FX will use good faith efforts to arrive at a resolution reasonably acceptable to the parties, each User acknowledges that Euronext FX's interest in ensuring a fair, orderly and transparent market, and ensuring the interest of Users of the Platform as a whole are upheld, may have to take priority. Each User therefore agrees that Euronext FX may take or omit to take such acts as Euronext FX sees fit to ensure the aforementioned objectives are achieved.

A final determination will be made by Euronext FX in its sole discretion and will be made as soon as reasonably possible. The parties expressly acknowledge and agree to Euronext FX's authority to take such action, and that Euronext FX has no liability for acting in accordance with the terms of this Transaction Review Policy. Euronext FX will promptly provide e-mail notification of a determination to the parties involved in a Reviewed Transaction.

Canceled transactions shall be canceled in Euronext FX's official records. The User authorizes Euronext FX to notify any third party (including the prime brokers) of canceled foreign exchange, or any other actions/matters arising from or in connection with the Transaction Review Policy.

Use of the Platform constitutes acceptance of Euronext FX's right to resolve Reviewed Transactions in accordance with this Transaction Review Policy.

# 18. Eligibility Criteria

Only entities which have satisfied Euronext FX's eligibility criteria for Users to engage in trading on the Platform and which have entered into a User Agreement with Euronext FX shall be authorized to access and engage in trading activities on the Platform. These eligibility criteria are that the User:

- 1) is an entity, and not an individual;
- 2) is not a retail client;
- 3) is authorized to carry on business by a relevant authority in its jurisdiction of incorporation or formation;
- 4) carries on a business of dealing in foreign exchange spot transactions or can otherwise demonstrate to the satisfaction of Euronext FX that it has a sufficient level of trading ability and competence and that it has adequate organizational arrangements and sufficient financial resources to perform its intended role on the Platform; and
- 5) satisfies Euronext FX's due diligence and client onboarding policies, including know-your-client and anti-money laundering checks.

Euronext FX may request for supporting documents/information (such as completed accurate onboarding documentation, including the designation of Authorized Person(s) (as defined below) and information documenting its established clearing relationship and, if applicable, its prime broker relationship, to satisfy the Euronext FX's due diligence requests and to verify that the User meets the eligibility criteria, and the User shall provide this information promptly. The User represents that all information/documents submitted are true, complete and accurate. The User is to immediately notify Euronext FX by email to <a href="mailto:support\_fx@euronext.com">support\_fx@euronext.com</a> if it ceases or will likely cease to satisfy any of the eligibility criteria, or if there are any changes to the information/documents provided (e.g., changes to corporate name or controlling ownership).



#### 19. Authorized Person

Each User is responsible for designating: (a) at least one individual who is authorized to (i) enter into the User Agreement or any other legal agreements with Euronext FX, (ii) provide instructions, receive legal notices and agree to settlements of disputes; and (b) at least one individual (who may be the same individual) to serve as the operational contact, for technical and operational matters (each, an "Authorized Person"), and will provide Euronext FX all information reasonably requested by Euronext FX regarding the Authorized Person(s).

Users will timely notify Euronext FX of any changes to the designations or identifying information.

Users are responsible for promptly notifying Euronext FX by email to support\_fx@euronext.com of any account administrative changes (e.g., updates to contact information or designation of Authorized Persons) and completing the documentation reasonably requested by Euronext FX to effectuate such changes. Except as otherwise agreed to by a User and Euronext FX in writing, a User may revoke its designation of any Authorized Person by providing to Euronext FX written notice of such revocation at least twenty-four (24) before the effective date of any such revocation. The User is responsible to ensure that, upon the effective time of the revocation, such former Authorized Person does not have access to the Platform or any of Euronext FX's confidential information. Upon receipt of a User's notice of the revocation of the designation of authorized trader during trading hours, Euronext FX shall promptly (but in all events within one (1) trading hour), disable any personal access codes provided to the former Authorized Person. User and each of its Authorized Persons are only permitted to access the Platform in accordance with these Operating Procedures, the User Agreement and applicable law. Each User is responsible for ensuring that it has implemented and maintains appropriate systems, practices, security and supervisory controls to ensure that its trading activities are compliant with these Operating Procedures, the User Agreement and applicable law.

Euronext FX is not responsible or liable for any unauthorized access of the Platform or any unauthorized instructions given to Euronext FX. Euronext FX is entitled to rely on and act upon all information and instructions received from an Authorized Person, or any person that Euronext FX believes to be the Authorized Person, without any verification.

Users are responsible for all acts and omissions of their Authorized Person(s). User assumes full responsibility for the actions of any affiliate or third party whose services a User uses to access the Platform or to which a User outsources or delegates any activity in connection with its access or use of the Platform.

# 20. Approval Criteria for Prime Brokers

Prime brokers are required to comply with U.S., U.K., E.U., and other applicable export control and sanctions laws and regulations at all times and will not be contracted with if: (i) any of its owners, directors, workers or employees is an OFAC-Listed Person, the United Kingdom's HM Treasury Sanction List, the European Union's Consolidated Sanctions List, the United Nations Sanctions List, the sanctions or special mentions list maintained by the Monetary Authority of Singapore, or any other applicable sanctions list; or (ii) the prime broker or any owner or senior manager of the prime broker



is a department, agency or instrumentality of, or is otherwise directly or indirectly controlled by or acting for on behalf of the government of any country that is the target of any of the several economic sanction programs administered by OFAC (31 C.F.R. Parts 501 through 598), the United Nations, or any OFAC-Listed Person.

Each prime broker entering into a PFI Addendum to the User Agreement is required to satisfy Euronext FX's due diligence, including know-your- client and anti-money laundering checks.

All prime broker transactions shall be executed pursuant to the following rules:

# 1) General

- a) A prime broker must be approved to act as a prime broker by Euronext FX;
- b) Each User that is the subject of a Prime Broker Representation (as defined below) may enter orders with respect to non-cleared contracts in the name of and on behalf of the prime broker that provided the Prime Broker Representation.
- c) A prime broker is not a customer of another User with respect to any prime broker transaction.

# 2) Prime Broker Obligations

- a) Prime Broker Representation. Each User utilizing a prime broker is responsible for obtaining a representation from its prime broker in a form and substance satisfactory to, and approved by, the Platform (a "*Prime Broker Representation*") that the prime broker:
  - i) may make its credit available to the User pursuant to a prime broker agreement; and
  - ii) will be financially responsible for any prime broker transactions executed in its name, subject to any Prime Broker Limits (as defined below) that are in effect.
- b) *Prime Broker Limits*. Each prime broker that provides a Prime Broker Representation to a User shall notify the Platform of any applicable limits, terms or trading parameters it has established for such User, including credit limits and any categories of permissible transactions ("*Prime Broker Limits*") by (i) entering credit limits into the Credit Match<sup>TM</sup> functionality or (ii) by notifying Euronext FX in writing, by email or other written communication to <a href="mailto:support\_fx@euronext.com">support\_fx@euronext.com</a>. Euronext FX shall be entitled to rely upon the instructions provided by such prime broker. Any change to such Prime Broker Limits shall become effective only upon acknowledgment of receipt by the Platform or proper input of the Prime Broker Limits into the CreditMatch<sup>TM</sup> function.
- c) Revocation of Prime Broker Representation. A prime broker may revoke any Prime Broker Representation at any time by providing prior written notice of such revocation to the Platform in accordance with the PFI Addendum to the User Agreement or other legal agreement entered into between such prime broker and Euronext FX. The Prime Broker Representation will remain in effect for all non-cleared trades for which orders were submitted to the Platform prior to the Platform's acknowledgement of the revocation.



d) *No Supervisory Responsibilities*. A prime broker has no responsibility to supervise the User to which the prime broker provided the Prime Broker Representation.

#### **21. Fees**

Users are responsible for paying the fees set forth in the User Agreement.

Where the User requests to pay fees by commission, the order can specify the additional commission the originator is willing to pay. This commission amount (or 'spread') will be added to the order value, used in the computation of the dynamic limit price and used to prioritize the order within the order book.

# 22. Trading Standards

# 1) Fraudulent Statements and Acts

No User shall make or attempt to make any untrue or misleading statement of a material fact or to omit to state a material fact necessary in order to make the statements made not untrue or misleading, in connection with or related to any transaction on or other activity related to Euronext FX or the Platform.

No User may engage in or attempt to engage in any fraudulent act, or engage in or attempt to engage in any manipulative device, scheme or artifice to cheat, defraud or deceive, in connection with or related to any transaction on or other activity related to Euronext FX or the Platform.

# 2) Abusive Trading Practices

No User shall create fictitious or wash transactions on the Platform or execute any order for a fictitious or wash transaction with knowledge of its nature.

No User shall engage in trading on the Platform for the purpose of passing money or transferring equity from one account to another.

No User trading as an intermediary on behalf of a customer shall engage in trading ahead of a customer's order, trading against a customer's order without the customer's consent, front running a customer's order, accommodation trading or improper cross trading.

# 3) Good Faith Orders

A User shall not knowingly enter, or cause to be entered, an order into the Platform other than in good faith for the purpose of executing bona fide transactions.

A User shall not knowingly enter, or cause to be entered, an order unless such User has sufficient funds to provide the required collateral for the related transaction should the transaction be executed.

# 4) Manipulation and Price Distortion



Any manipulation or attempted manipulation of the price of any transaction is prohibited. Orders entered into the Platform for the purpose of upsetting the equilibrium of the market in any transaction or creating a condition in which prices do not or will not reflect fair market values are prohibited and it shall also be prohibited for any User to make or assist in entering any such order with knowledge of the purpose thereof or, with such knowledge, to assist in carrying out any plan or scheme for the entering of any such order.

# 5) Disruptive Trading Practices

No User shall enter or cause to be entered any order or other message with the intent to adversely impact, or with reckless disregard for the adverse impact on, the orderly conduct of trading or the fair and transparent execution of transactions.

No User shall enter or cause to be entered any order or other message with the intent to:

- (1) mislead other Users; or
- (2) intentionally overload, delay, or disrupt the order book, the Platform or any other systems of the Platform or other Users.

No User shall engage in any trading, practice or conduct on the Platform or subject to these Operating Procedures; (i) demonstrates intentional or reckless disregard for the orderly execution of transactions during the closing period; (ii) is, is of the character of, or is commonly known to the trade as, "spoofing" (entering an order with the intent to cancel the order before execution); or (iii) is any other manipulative or disruptive trading practice.

# 23. Data Collection and Records

Euronext FX is entitled to collect all information and data collected submitted or furnished by the Users and all information and data on or in connection with transactions and activities on the Platform. Such information and data may be used by and disclosed to the CCP or prime broker (if applicable), employees, agents representatives, service providers or subcontractors of Euronext FX or Euronext FX's affiliates for the purpose of record keeping, reconstructing any transactions, conducting market surveillance, monitoring the User's activities, monitoring the operations of the Platform or ensuring that the Platform operates in a fair, orderly or transparent manner, any other purpose required by applicable laws and any other purpose as Euronext FX deems appropriate for the purpose of operating its business (consistent with the terms of its legal agreements with Users) and/or the Platform. Except to the extent expressly provided otherwise in a User Agreement, all such data collected Operating Procedures belong exclusively to Euronext FX and, Euronext FX owns all rights, title and interest in and to all intellectual property to such information and data.

Users are hereby informed and agree that Euronext FX may record certain telephone conversations with Euronext FX and its representatives. Any such recordings will be retained in Euronext FX's sole discretion, and constitute the exclusive property of Euronext FX.

# 24. Communication with Users

Any material updates to these Operating Procedures will be provided by email at least five (5) days in advance of the effective date of the change, or such longer period as may be set forth in the



User Agreement. Notices will be sent to the address for Notice set forth in the User Agreement and may be sent to additional User contact addresses as well. In the event that Euronext FX receives information indicating that the address for Notice set forth in the User Agreement is no longer current (such as by receipt of an automatically generated email rejection), Euronext FX may send the notice of updates to another contact for User which Euronext FX has in its internal files. Euronext FX encourages Users to periodically confirm and update contact information for receipt of notices under the User Agreement.

Each User will provide its respective Authorized Persons with copies of any such notice. For purposes of publication in accordance with the first sentence of this section, it will be sufficient (without limiting the discretion of Euronext FX as to any other reasonable means of communication) if a notice is (a) sent to each User by mail, recognized courier service, facsimile or electronic mail (including by means of a hyperlink included in an electronic mail message), to the address, facsimile number or electronic mail address (as applicable) provided by such User for such purpose or (b) as otherwise provided in the User Agreement.

Information about the Platform features are made available from time to time on the Website. The Website is made available for general informational purposes only, does not constitute a representation, warranty or covenant, and may be changed at any time without notice. Users should be aware that the Website may not be updated immediately, and questions about Platform features should be directed to Euronext FX.

# 25. Governing Law, Jurisdiction and Dispute Resolution

## 1) Choice of Law

The laws of the State of New York, without regard to its conflict of laws principles, will govern these Operating Procedures and all disputes arising out of or related to Euronext FX, the Platform or any transaction on the Platform.

# 2) Disputes among Users and Authorized Persons

All disputes between and among Users that arise out of or relate to Euronext FX or the Platform or any transaction that was made or attempted to be made on the Platform shall be resolved exclusively in the state or federal courts located in New York County, New York, save that where all parties separately agree to another forum, the dispute will be resolved in the other forum.

Definition of Eligible Contract Participant, for purposes of the User Agreement or Participant Agreement, means the following categories of companies or their equivalents:

- Corporations, partnerships, proprietorships, organizations, trusts, or other entities with more than \$10 million in assets, or any entity guaranteed by such entity.
- Individuals with aggregate amounts of more than \$10 million invested on a discretionary basis (or \$5 million if hedging).
- Entities with a net worth of at least \$1 million that are hedging commercial risk.
- Financial institutions.
- Insurance companies.
- Investment companies subject to regulation under the Investment Company Act of 1940 (and similar foreign entities subject to similar foreign regulation).
- Commodity pools with more than \$5 million in assets under management (AUM).
- Employee benefit plans subject to ERISA with total assets exceeding \$5 million or whose investment decisions are made by a registered commodity pool advisor (CPO) or commodity trading advisor (CTA) subject to regulation under the Investment Advisers Act of 1940, or by a financial institution or insurance company.
- Governmental entities (including the US, a state or a foreign government).
- Brokers and dealers subject to regulation under the Securities Exchange Act of 1934 (Exchange Act) and similarly
  regulated foreign entities. If the broker or dealer is an individual it must have discretionary investments of
  greater than \$10 million.
- Futures commission merchants (FCMs) and similarly regulated foreign entities, except that if the FCM is an individual it must have discretionary investments of greater than \$10 million.