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of the Moscow Exchange
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Equity & Bond Market, Deposit Market and Credit Market Trading Rules
Public Joint-Stock Company Moscow Exchange MICEX-RTS

PART I. General Section

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Structure, Contents and Application of the Equity & Bond Market, Deposit Market and Credit Market Trading Rules of Public Joint-Stock Company Moscow Exchange MICEX-RTS

The Equity & Bond Market, Deposit Market and Credit Market Trading Rules of Public Joint-Stock Company Moscow Exchange MICEX-RTS (the Trading Rules) include the following parts:

1. Equity & Bond Market, Deposit Market and Credit Trading Rules of Public Joint-Stock Company Moscow Exchange MICEX-RTS, Part 1 *General Section*.
2. Equity & Bond Market, Deposit Market and Credit Market Trading Rules of Public Joint-Stock Company Moscow Exchange MICEX-RTS, Part 2 *Equity & Bond Market Section*.
3. Equity & Bond Market, Deposit Market and Credit Market Trading Rules of Public Joint-Stock Company Moscow Exchange MICEX-RTS, Part 3 *Repo Section*.
4. Equity & Bond Market, Deposit Market and Credit Market Trading Rules of Public Joint-Stock Company Public Joint-Stock Company Moscow Exchange MICEX-RTS, Part 4 *Deposit Market Section*.
5. Equity & Bond Market, Deposit Market and Credit Market Trading Rules of Public Joint-Stock Company Public Joint-Stock Company Moscow Exchange MICEX-RTS, Part 5 *Credit Market Section*.

Parts 2-5 are hereinafter referred to as “special parts of the Trading Rules”, and separately as a “special part of the Trading Rules”.

All parts are hereinafter jointly referred to as “the Trading Rules”, and separately “the part of the Trading Rules”.

In any case of any difference between the associated provisions of the General Rules and any special part of the Trading Rules, the special part shall prevail.

Subsection 1.1. Terms and definitions

- 1.1.1. The following terms and definitions shall be used for the purposes of these Rules:
 - 1.1.1.1. Auction – a form of trading, which can be used both for placement and circulation of securities for the purposes of determining the optimum price. Trading conducted on the Moscow Exchange in the form of an Auction, shall consist of a call phase and order execution phase, in the manner prescribed in issuance and other documents of issuer, applicant or the Exchange (including letters and/or resolutions of authorised bodies) governing the procedure for placing and trading the relevant issue of securities subject to specifics established herein.
 - 1.1.1.2. Exchange, Moscow Exchange – Public Joint-Stock Company Moscow Exchange MICEX-RTS.
 - 1.1.1.3. Market Data – non-confidential numerical and other data on the course of trading on and trading results of the Moscow Exchange (including security trading code, Standard Lot size, Price Tick and other similar security trading parameters established by the Exchange), that is disclosed (provided) online, with a delay or in the form of end of period data processed and systemised with Moscow Exchange’s software, hardware and equipment as well as included in its data bases.
 - 1.1.1.4. Opposite Order/Quote – an order/quote of opposite direction, placed in the relevant Market Sections / Trading Modes with the following parameters:
 - name of securities, in case of an Order/quote for securities transaction;
 - order type (off-book/order book);

- price in the same currency;
- settlement code;
- other parameters stipulated in the Trading Rules.

For separate Trading Modes and/or Market Sections, it may be allowed to set off- and order book orders as opposite orders.

- 1.1.1.5. “Equities” Group of Instruments – a set of securities comprising securities other than bonds.
- 1.1.1.6. “Bonds” Group of Instruments – a set of securities comprising bonds.
- 1.1.1.7. Order Activation Date – the date on which it shall become possible to conclude transaction(s) based on this order.
- 1.1.1.8. Transaction Date – the day on which a transaction is registered in the Moscow Exchange’s Trading System in accordance with the Trading Rules.
- 1.1.1.9. Settlement Date, Credit/Deposit Issue Date, Credit/Deposit Maturity Date – the date in accordance with the terms of the concluded transaction and the Trading Rules on which Trading Members and/or the Clearing Organisation shall settle their obligations under the transaction (first and second legs of a Repo Transaction, credit or deposit agreement) following the procedure established in bylaws of the Clearing Organisation and/or the Trading Rules.
- 1.1.1.10. Default Date – the date, beginning from which in-kind settlement of transactions shall not be allowed:
- first valuation date following the Settlement Date for securities transactions with settlement code T0, K0, Yn, X0 or Z0, as well as Settlement Date for a relevant part of a Repo Transaction with settlement code T0/Yn or Ym/Yn (except deposit agreement);
 - second valuation date following the planned execution date of deposit agreement on the order with settlement code Ym/Yn;
 - second valuation date following the Settlement Date for securities transactions with settlement code Bn, except for transactions concluded as part of the security placement, and transactions made in the following Trading Modes: “Placement: Auction”, “Placement: Direct Orders”, “Redemption: Auction”, “Redemption: Direct Orders” and “Innovative and Investment Market 2 – Negotiated Trades Mode”;
 - first valuation date following the Settlement Date for securities transactions with settlement codes Bn for transactions concluded as part of the securities placement and transactions made in the following Trading Modes: “Placement: Auction”, “Placement: direct orders”, “Redemption: Auction”, “Redemption: Direct Orders” and “Innovative and Investment Market 2 – Negotiated Trades Mode”;
 - first valuation date following the Settlement Date of the first leg of a Repo Transaction/Credit issue date under the credit agreement, provided that such trades are concluded with settlement code Rb, X0 or Z0;
 - second valuation date following the Settlement Date of the first leg of a Repo Transaction/Credit issue date under the credit agreement, provided that such trades are concluded with settlement code Sn being other than an intraday transaction (excluding Repo Transactions concluded in the Trading Mode “Repo with the Bank of Russia: Repo Auction” or “Repo with the Bank of Russia: Fixed Rate”);
 - first valuation date following the Settlement Date of the first leg of an intraday Repo Transaction, concluded with settlement code Sn, and Repo Transaction concluded in the Trading Mode “Repo with the Bank of Russia: Repo Auction” or “Repo with the Bank of Russia: Fixed Rate”;

- first valuation date following the Settlement Date of the second leg of an intraday Repo Transaction, concluded with settlement code Rb or Sn; and
 - second valuation date following the Settlement Date of the second leg of a Repo Transaction other than an intraday transaction, or following the Credit Maturity Date under the credit agreement, provided that such trades are concluded with settlement code Z0, X0, Rb or Sn and Repo Transaction concluded in the trading mode “Repo with the Bank of Russia: repo auction” or “Repo with the Bank of Russia: Fixed Rate”.
- 1.1.1.11. Two-Sided Quote – one order or an aggregate of orders for purchase of securities placed by a Market Maker and one order or an aggregate of orders for sale of securities placed by a Market Maker on its own behalf and at its own expense, or on instructions and at the expense of a client, with price terms under which the value of spread of the two-sided quote is less than or equal to the value of maximum spread calculated in accordance with Subsection 1.6 "Market Makers" of this part of the Trading Rules, and the volume of these orders (orders for purchase and orders for sale respectively) or quantity of securities in such orders in aggregate is not less than the minimum acceptable volume or quantity of securities (hereinafter – MAV).
- 1.1.1.12. Discrete Auction – a form of trading in the Main Trading Mode and/or in the Trading Mode “Main Trading Mode T+” as provided in the special Part 2 of the Rules. The Discrete Auction price of securities shall be used also for establishing price variation limits of securities, as provided for in Subsection 1.13 "Rules for prevention, detection and repression of misuse of insider information and/or market manipulation, as well as measures aimed at preventing market disruptions" of this part of the Trading Rules.
- 1.1.1.13. Additional Trading Session – pre-market (before the main trading session) and after-hours (after the main trading session) trading.
- 1.1.1.14. Valid Opposite Order/Quote – an acceptable opposite order/quote in relation to any order/quote, which complies with conditions established in Subsection 1.9 “Orders” of this part, as well as special parts of the Trading Rules.
- 1.1.1.15. Applicant – a person named so in the Listing Rules of the Moscow Exchange approved by the Supervisory Board of the Moscow Exchange and registered with the Central Bank of the Russian Federation (CBR) (hereinafter referred to as the Listing Rules). In case of selling/redeeming/purchasing a block of securities the Applicant may be the holder of such block of securities, or the beneficiary under redemption/purchase of such block of securities. or a Trading Member authorised to enter orders to sell/redeem/purchase the block of securities.
- 1.1.1.16. Order – an electronic communication signed by SES of a Trading Member and placed with the Moscow Exchange’s Trading System, containing an offer (offers) of the Trading Member to conclude a transaction (transactions) (firm offer(s)) and/or notification(s) of the Trading Member about acceptance of such offer(s) on terms and conditions contained in the order and/or these Trading Rules.
- 1.1.1.17. Sponsored Market Access (SMA) Identifier – a unique alphanumeric code assigned by the Exchange to the Trading Member in accordance with Admission Rules for further delivery to the Trading Member’s Client for accessing the Instruction Processing Subsystem. Each Sponsored Market Access Identifier assigned by the Exchange should correspond to the codes of the Clients receiving the SMA Identifier, Trading Identifier of the Trading Member having applied for the SMA Identifier and the specific Trade Identifier of this Trading Member. Trading Members shall have the right to define the amount of authorities for each SMA Identifier assigned by the Technical Centre, this including limiting submissions of instructions.

- 1.1.1.18. Client – an individual or legal entity registered in the Moscow Exchange’s Trading System based on information received from the Trading Member or Clearing Organisation.
- 1.1.1.19. Clearing Organisation – an organisation that is licensed to carry out clearing activities and has concluded an appropriate agreement with the Moscow Exchange. The following Clearing Organisations are authorised to clear transactions concluded on the Exchange: Central Counterparty National Clearing Centre (CCP NCC, NCC), National Settlement Depository. Decision on the clearing organisation(s) that will clear transactions concluded on the Exchange in a specific Trading Mode/Market Section as well as specific kind of transactions, shall be adopted by the Exchange. In case a decision is adopted to change the Clearing Organisation engaged in the clearing of transactions concluded on the Exchange in a specific Trading Mode/Market Section, Trading Members shall be notified accordingly within 20 days before the entry of this decision into force.
- 1.1.1.20. Settlement Code – a code defining conditions for acceptance of an order/quote for fulfilment, as well as the procedure and terms of such fulfilment, stipulated in bylaws of the Clearing Organisation. A list of valid settlement codes, including those for securities/Trading Modes/Market Sections, shall be established by the Exchange. Settlement codes provided for some order types/quotes/Trading Modes/Market Sections in accordance with the Trading Rules may be changed by decision of the Exchange. The following settlement codes shall be used for trading:
- Settlement code T0 – a settlement code, which is used for transactions in securities involving a central counterparty (hereinafter – centrally cleared) and not involving a central counterparty (hereinafter – non-centrally cleared), which shall be settled by the Clearing Organisation. This code provides for the Collateral Control Procedure (unless otherwise stated in the Trading Rules) to be carried out when placing an order. The Settlement Date for such transactions shall be the Transaction Date.
 - Settlement code K0 – a settlement code, which is used for centrally cleared transactions in securities, which shall be settled by the Clearing Organisation. This code provides for the Collateral Control Procedure to be carried when concluding a transaction. The Settlement Date for such transactions shall be the Transaction Date.
 - Settlement code Z0 – a settlement code, which is used for non-centrally cleared transactions in securities (including Repo Transactions), which shall be settled by the Clearing Organisation (Repo Transactions first legs are settled in the course of the trading). The code provides for the Collateral Control Procedure to be carried out when placing an order. The Settlement Date for such transactions or the first leg of a Repo Transaction shall be the Transaction Date, while the Settlement Date for the second leg of a Repo Transaction shall be the date determined as $T + k$, where T means the Settlement Date for the first leg of a Repo Transaction, and k – the Tenor of the Repo Transaction (not applicable to open Repo), k cannot be equal to 0.
 - Settlement code X0 – a settlement code used to execute a non-centrally cleared transaction in securities which is to be settled by the Clearing Organisation at a time during the trading session determined by the Clearing Organisation. The use of this settlement code implies that Collateral Control Procedure is applied while an order is entered and the Settlement Date coincides with the Transaction Date.
 - Settlement code Bn – settlement code, which is used for non-centrally cleared transactions in securities, which shall be settled by the Clearing Organisation. This code provides for the Collateral Control Procedure to be carried out only in part of mandatory payment of commission and other fees (unless other collateral control procedure is established in the Trading Rules and/or Clearing Rules). The

Settlement Date for such transactions shall be the date determined as T+n, where T means the date of the transaction, and n – the number of calendar days determined by the last two digits of the relevant settlement code of the transaction.

- Settlement code Sn – the settlement code which is used for non-centrally cleared Repo Transactions and credit agreements, which are settled by the Clearing Organisation. This code provides for the Collateral Control Procedure to be carried out only in part of mandatory payment of commission and other fees (unless other Collateral Control Procedure is established in the Trading Rules and/or Clearing Rules) with the Settlement Date for the first leg of the Repo Transaction/Credit Issue Date being the date determined as T + n, where T means the date of the Repo Transaction/credit agreement, and n – the number of settlement days determined by digits of relevant settlement code of the transaction (n must not exceed 2 unless otherwise decided by the Exchange), and the Settlement Date for the second leg of the Repo Transaction/Credit Maturity Date being the date determined as T + n + k, where T + n means the Settlement Date of the first leg of the Repo Transaction/Credit Issue Date, and k – the Tenor of the Repo Transaction (not applicable to open Repo)/credit agreement.
- Settlement code Rb – a settlement code, which is used for non-centrally cleared Repo Transactions/credit agreements, which are settled by the Clearing Organisation. This code provides for the Collateral Control Procedure to be carried out when placing orders. The Settlement Date for the first leg of the Repo Transaction/Credit Issue Date shall be the Transaction Date, and the Settlement Date for the second leg of the Repo Transaction/Credit Maturity Date shall be the date determined as T + k, where T means the date of the Repo Transaction, and k – the Tenor of the Repo Transaction (not applicable to open Repo/credit agreement).
- Settlement code Yn – a settlement code used to execute a T+ Trade that shall be settled by the Clearing Organisation at the time determined by such organisation and providing for the Collateral Control Procedure to be carried out when placing orders. This settlement code implies T+n as the settlement date for a relevant trade, where T – actual trade date, n – number of settlement days determined by the last figure in the trade’s settlement code.
- Settlement Code Nn – a settlement code used to execute a T+ Trade in the “Settlement under Derivative Contracts” Trading Mode, which is settled by the Clearing Organisation at a time established by the Clearing Organisation. The settlement date for a trade in securities shall be determined as T+n, where T – actual trade date, n – number of settlement days determined by the last figure in the trade’s settlement code.
- Settlement code Ym/Yn – a settlement code used at execution of a deposit agreement, as well as to make T+ trades which shall be settled with the Clearing Organisation at a time established by such organisation. This code provides for the Collateral Control Procedure to be carried out at order entry. The Settlement Date of the first part of a GCC repo with the Central Counterparty/the planned execution date of a deposit agreement is date T+m, where T – the Repo Transaction date/the date the Central Counterparty assumed the obligations to ensure proper conditions for concluding a deposit agreement, m – number of settlement days which is determined by the first figure of the settlement code. The Settlement Date of the second part of a GCC repo with the Central Counterparty/the deposit repayment date is date T+n, where T – the Repo Transaction date/the date the Central Counterparty assumed the obligations to ensure proper conditions for concluding a deposit agreement, n – number of settlement days which is determined by the last figure of the settlement code (if n takes a numeric value), and the 1, 7, 14 or 35 calendar days, or 1, 2, 3, 6, 9, 12, 18, 24, 30 and 36 months from the Repo Transaction date/the date the Central

Counterparty assumed the obligations to ensure proper conditions for concluding a deposit agreement for n taking the value of 1D, 1W, 2W, 5W, 1M, 2M, 3M, 6M, 9M, 12M, 18M, 24M, 30M, and 36M respectively. For open Repos n equals OD.

The Settlement Date of the first part of a Repo Transaction with the Central Counterparty (except for GCC repo) shall be T+m, where T - the Repo Transaction date, m – number of settlement days which is determined by the first figure of the settlement code, and the Settlement Date of the second part of a Repo Transaction with the Central Counterparty (except for GCC repo) is T+n, where T - the Repo Transaction date, and n – number of settlement days which is determined by the last figure of the settlement code (if n takes a numeric value), and 1 and 7 calendar days or 1 and 3 months for n taking the value of 1Dt (or 1D), 1W, 1M, and 3M from the Repo Transaction date respectively. For open Repos n equals OD.

If n has the value of less than 1M (not including) and the settlement date of transaction falls on a non-settlement day or a non-business day for trading, then the Settlement Date shall be the next following business day with trading and settlement held as usual.

If n has the value of 1Dt and the settlement date of transaction falls on non-settlement day, the Settlement Date shall be the next following settlement date.

If n has the value of 1M (including) or greater and the Settlement Date falls on a non-settlement day or a non-business day for trading, the Settlement Date shall be the next following business trading day in the same calendar month or, if this day falls in the next calendar month, the Settlement Date shall be the closest business trading day preceding the initial Settlement Date.

If the transfer to the corresponding settlement day results in a REPO/Deposit transaction term of more than 30 and 90 days, then the date of fulfilment of obligations under the second part of the Repo Transaction/the date of return of the Deposit under the Deposit agreement with the settlement code Ym/Yn, where n has the value 1M and 3M, is the last business day with trading and settlement held as usual corresponding to the Repo Transaction term (deposit agreement term), not exceeding 30 and 90 calendar days, respectively.

If n has the value of 5W and the settlement date of transaction falls on a non-settlement day or non-business day for trading, the Settlement Date shall be the closest preceding business day with trading and settlement held as usual.

According to the last paragraph hereof, the Exchange shall be entitled to alter the procedure for determining the Settlement Date for repo/deposit trades/trade parts.

- Settlement code T0/Yn – a settlement code used to execute a T+ Trade that shall be settled by the Clearing Organisation at the time determined by such organisation. This code provides for the Collateral Control Procedure to be carried out when placing the order. Settlement Date for the first part of a Repo Transaction shall be the Repo Transaction date, and Settlement Date for the second part shall be the date T+n, where T – the Repo Transaction date, n – number of settlement days determined by the last figure in the trade’s settlement code. For open Repos n equals OD.

If the Exchange’s Trading Day is not the Clearing Organisation’s settlement day and/or business day in the Russian Federation and/or operational day of the Bank of Russia payment system (BRPS), the Exchange may decide to change settlement dates and procedures for trades executed with certain settlement codes.

- 1.1.1.21. Trading Member Code, Trading Member ID, Trading ID – alphanumeric codes assigned to a Trading Member in accordance with the Admission Rules.

- 1.1.1.22. Client Code, Brief Client Code (Trading Account Code) – alphanumeric codes assigned to Trading Member’s clients in accordance with the Admission Rules.
- 1.1.1.23. Coupon Rate-Making Bidding – a form of trading that can be used both during placement and circulation of bonds for the purposes of establishing the coupon rate. Trading conducted in the form of Coupon Rate-Making Bidding (hereinafter – Bidding), shall consist of collection period and acceptance period for bids due for acceptance, in the manner prescribed in issue and other documents of issuer, applicant or the Exchange (including letters and/or resolutions of authorised bodies) regulating the procedure for placement and circulation of the relevant issue of bonds.
- 1.1.1.24. Quote – an invitation from Trading Members of Category “P” (Liquidity Providers) to make offers during trading in securities for which the Exchange has decided to allow orders with the “Additional Liquidity” attribute. Quotes are not orders. Quote-based trades may only be concluded if the Liquidity Provider accepts the offer submitted in response to that Quote. Information on Quotes is recorded in the Register of Quotes.
- 1.1.1.25. NTM Quote – an invitation for offers submitted by Trading Members. NTM Quote is not an order.
- 1.1.1.26. Operator – an employee of the Exchange authorised to administrate trading sessions on the Moscow Exchange and monitor compliance with the Trading Rules in part of announcement (placement) of orders/quotes conclusion of transactions on the Exchange (with the exception of control exercised in accordance with Subsection 1.13 "Rules for prevention, detection and repression of misuse of insider information and/or market manipulation, as well as measures aimed at preventing market disruptions" of this part of the Trading Rules, control exercised in accordance with the Procedure for Arranging Monitoring of the Organised Trading and control over Trading Members and other persons of the Moscow Exchange).
- 1.1.1.27. Market Maker – a Trading Member of the Moscow Exchange that has signed an agreement with the exchange to support quotes, demand, supply and/or trading volume in securities in accordance with the requirements of Subsection 1.6 "Market Makers" of this part of the Trading Rules.
- 1.1.1.28. Atypical Transaction – a transaction concluded during the pre-trading period, or during a Discrete Auction, or during the trading period of the Main Trading Mode or “Main Trading Mode T+”, the price, volume or other conditions of which comply with parameters established by a decision of the Exchange.
- 1.1.1.29. Non-standard market maker trade (non-standard MM trade) – a trade between two counterparties, with one or both acting as a Market Maker for a Derivatives Contract, which is intended only for keeping the appearance of trading activity in relation to that Derivatives Contract
- 1.1.1.30. Volume of a Transaction (Order/Quote) – the product of price (in the currency of transaction (order)) by the quantity of securities (calculated quantity of securities) in the concluded transaction (placed order/Quote) rounded to the smallest unit of the settlement currency using the mathematical rounding rules or amount of money indicated in an order (for orders submitted with the indication of money amount). For Repo Transactions (orders) of the Repo Section, it means the Repo Amount on the Settlement Date for the first leg. The volume of a transaction (order/Quote) for bonds is calculated as the product of the price (as a percentage of the outstanding nominal value), the outstanding nominal value and the quantity of securities (estimated quantity of securities) in the concluded transaction (order/Quote submitted) rounded to the smallest unit of the settlement currency using the mathematical rounding rules or the amount of cash specified in the order (for orders that specify the amount of cash). When the

currency of submitted order/Quote or bond transaction differs from the currency of the nominal value, the volume of a transaction (order/Quote) for bonds is calculated using the exchange rate of the Bank of Russia for the given currencies as of the date of transaction (order/Quote), unless the Exchange's decision or the Clearing Rules specify otherwise.

- 1.1.1.31. Main Trading Session – trading conducted on the Exchange during the time period determined in Subsection 1.3 hereof.
- 1.1.1.32. Order Book (hereinafter referred to as the Queue/Order Book) – an ordered sequence of unfulfilled and/or partially fulfilled orders/quotes registered in the Trading System. When entering a securities transaction order in the Order Book, its place in the queue shall be determined by the price specified in the order/Quote (first in the queue of orders for purchase shall be the orders/quotes with the highest prices; first in the queue for sale shall be the orders/quotes with the lowest prices), unless otherwise established herein. Among orders/quotes with equal prices, first in the queue shall be the orders registered in the Trading System earlier, then the Quotes registered in the Trading System earlier. When entering a deposit agreement order in the Order Book, its place in the queue shall be determined by the interest rate specified in the order (orders with lower interest rates shall be put forward in the queue), unless otherwise established herein. Among orders of equal interest rates, first in the queue shall be orders registered in the Trading System earlier. Queuing shall begin at the start of trading. Off-book orders shall not be entered in the queue. All orders in the queue shall be considered as "active".
- 1.1.1.33. Instruction Processing Subsystem – a set of software and hardware, which is the subsystem of software and hardware complex(-es) of technical centre(-s) designed for submitting instructions to execute trades on the Equity & Bond Market to the Trading Members by their clients using the Sponsored Market Access (SMA) Identifier.
- 1.1.1.34. Regulations for Electronic Document Management (EDM Regulations) – Regulations for Electronic Document Management approved by the authorised body of the Moscow Exchange.
- 1.1.1.35. Admission Rules (Admission Rules of Moscow Exchange) – an internal document of the Moscow Exchange which sets eligibility requirements for trading membership, ways and frequency of Trading Members identification, membership categorisation procedure, Trading Members' rights and obligations, procedure for the admission, suspension and termination of participation in trading, the procedure for the registration of Trading Members and their clients, as well as disciplinary measures applied to Trading Members for the breach of rules established by the Exchange.
- 1.1.1.36. Clearing Rules – the bylaw of Clearing Organisations, which establish the procedure for defining, registering and fulfilling liabilities under transactions concluded on the Moscow Exchange in accordance with the Trading Rules. In some cases stipulated herein, conditions for executing specific transactions are set in the Clearing Rules.
- 1.1.1.37. Price Variation Limits of Securities – maximum price fluctuations expressed as a percentage indicated in the order/Quote, exceeding which the orders/quotes placed by Trading Members shall not be registered in the Moscow Exchange's Trading System in accordance with the limitations stipulated in Subsection 1.13 "Rules for prevention, detection and repression of misuse of insider information and/or market manipulation, as well as measures aimed at preventing market disruptions" hereof and special parts of the Trading Rules.
- 1.1.1.38. Simple Electronic Signature of the Trading Member (SES) – information in electronic format included in the order or other electronic message of the Trading Member which confirms creation of an electronic signature by a certain person, representative of the Trading Member, by using the trading identifier of the Trading Member and a unique

password. The procedure for providing trading identifiers to Trading Members and the rules for electronic document signatory identification by their simple electronic signature shall be established by the Technical Centre in accordance with the Integrated IT Service Agreement. Trading Member's SES is also a required detail of orders or other electronic messages sent by the Trading Member to the Trading System of the Moscow Exchange, which allows for unambiguous identification of the Trading Member sending such orders or other electronic messages and confirms integrity of orders or other electronic messages by using special software and hardware and organisational measures. SES and technical appraisal procedures are described in Subsection 1.22 "Procedure for using SES and technical appraisal procedure" of these Rules.

- 1.1.1.39. Business Day – a day, including weekends and holidays, on which the Exchange provides the possibility of concluding transactions.
- 1.1.1.40. Order/Quote Withdrawal Instruction – an electronic communication signed using a Trading Member's SES, sent to the Moscow Exchange's Trading System for the purposes of order(s) or Quote(s) withdrawal and containing the information stipulated in the Trading Rules.
- 1.1.1.41. Settlement Price for the Purposes of Determining Price Fluctuations – the price of a security established as a result of a Discrete Auction (Discrete Auction price), or established by decision of the Exchange, and used for establishing price variation limits for a security.
- 1.1.1.42. Settlement Day – the day on which the Clearing Organisation clears transactions in securities.
- 1.1.1.43. Transaction (hereinafter – transaction, trade, transaction for purchase and sale of securities, Repo Transaction, transaction in Russian roubles, transaction in foreign currency, deposit agreement, and credit agreement) – a transaction/agreement concluded on the Exchange in accordance with the Trading Rules and/or the Clearing Rules.
- 1.1.1.44. Trade T+ – a centrally cleared transaction in securities. The procedure for determining, registering and fulfilling obligations under Trades T+ as well as the procedure for calculating, registering and fulfilling obligations to provide collateral for such trades are set out in the Clearing Rules and other internal documents of the Clearing Organisation.
- 1.1.1.45. Trading System – an aggregate of software and hardware representing a combination of sub-systems of the software and hardware complex(es) designed for conclusion of transactions at the Moscow Exchange Equity & Bond Market, Deposit Market and Credit Market.
- 1.1.1.46. Weighted Average Price – price of a certain security of a particular issuer, kind and category (type) that equals the ratio of aggregate products of prices of each trade to buy/sell the security (executed in Trading Modes/Market Sections as specified by the Exchange, over the Main and/or Additional Trading Session) by that security's number traded, to that security's total number traded. If the security is traded in both RUB and foreign currency, prices in foreign currencies are to be converted into Russian roubles at the Bank of Russia's exchange rate as of the trade date.
- 1.1.1.47. Average Weighted Purchase Price (Average Weighted Sale Price) – a value calculated as a ratio of aggregate products of prices of all the security's order book purchase orders (sale orders) entered in a relevant Trading Mode/Market Section over a certain Trading Day, as at a certain moment, by the security's number stated in the order, to a total quantity of securities stated in those orders.
- 1.1.1.48. Standard Lot – a minimum acceptable quantity of securities in a single order.
- 1.1.1.49. Technical Centre – Public Joint Stock Company Moscow Exchange MICEX-RTS providing technical access to the Trading System for Trading Members.

- 1.1.1.50. Current Weighted Average Price – the Weighted Average Price calculated at a specific time during the given Trading Day.
- 1.1.1.51. Trading-and-Clearing Account – an alphanumeric code, indicated as one of the requisites of an order and identifying the accounting record of the Clearing Organisation.
- 1.1.1.52. Trading Session – the Main Trading Session or Additional Trading Session.
- 1.1.1.53. Trading Day – a period of time determined in Subsection 1.3 "Service Schedule" hereof when the Exchange conducts trading in the relevant Market Section. To calculate stock index values used for trading suspension purposes (the main index), Russian public holidays on which securities from such stock index do not trade on the Exchange are not Trading Days.
- 1.1.1.54. Trading Member – a legal entity admitted to trading on the Equity & Bond Market (in the Equity & Bond Market Section and Repo Market Section) and/or the Deposit Market and/or Credit Market in accordance with the requirements of the Admission Rules and entitled to announce (place) orders and execute (conclude) securities transactions and/or deposit agreements and/or credit agreements on the Exchange.
- 1.1.1.55. Trading Member Being a Credit Organisation – a Trading Member with a banking license.
- 1.1.1.56. Trading Member – Authorised Bank or Trading Member AB – a Trading Member that is entitled to conduct banking operations in foreign currencies based on a license issued by the Bank of Russia.
- 1.1.1.57. Deposit Market Trading Member – a legal entity admitted to organised trading at the Deposit Market in the Deposit Market Section, who has the right to place orders and conclude transactions (deposit agreements) in the Deposit Market Section only.
- 1.1.1.58. Trading Member on the Credit Market – a legal entity admitted to organised trading at the Credit Market in the Credit Market Section and eligible to place orders and conclude transactions (credit agreements) in the Credit Market Section.
- 1.1.1.59. Fixed Compensation – a method for ensuring fulfilment of obligations under transactions concluded in the Stock Section, the Repo Section or in the Credit Market Section. Fixed compensation shall be accounted in accordance with the Clearing Rules and shall represent a monetary liability of the party to the transaction – a defaulter to make payment to the counterparty to such transaction. The amount of the monetary obligation (rate of fixed compensation) shall be established when an order is placed by the Trading Member, and the amount of funds constituting such obligation under the transaction concluded based on this order, shall be calculated and retained in the manner stipulated by the Clearing Rules. The limit value and accuracy of the indicated rate of fixed compensation in orders shall be established by decision of the Exchange. Nomenclature of Trading Modes, conclusion of transactions in which involves fixed compensation shall be approved by the Exchange.
- 1.1.1.60. Pre-Trading Period Price – a single price, at which transactions are concluded during the pre-trading period of the Main Trading Mode, as determined in special Part 2 of the Trading Rules.
- 1.1.1.61. Post-Trading Period Price – a single price, at which transactions are concluded during the post-trading period of the Main Trading Mode, as determined in special Part 2 of the Rules.
- 1.1.1.62. Price Volatility of the Securities – conclusion of 10 or more transactions in securities during the trading period of the Main Trading Mode in the aggregate volume of not less than 300,000 roubles at a price differing from the Weighted Average Price of the previous Trading Day by more than 20%, provided that on the previous Trading Day

not less than 10 transactions in securities were concluded during the trading period of the Main Trading Mode and their total amount was not less than 300,000 roubles.

1.1.1.63. Central Counterparty – the Clearing Organisation acting as a party in all transactions concluded under centralised clearing terms in Trading Modes/Market Sections intended for such transactions, using Settlement Codes/Conditions for Re-Registration of Securities established for conclusion of such transactions. The following organisation can act as Central Counterparty in specific Trading Modes/Market Sections: Central Counterparty National Clearing Centre. Decision on what organisation will act as Central Counterparty in specific Trading Modes/Market Sections shall be adopted by the Exchange. In case a decision to change the organisation acting as a party in centrally cleared transactions is adopted, Trading Members shall be notified accordingly not later than 20 days before the entry of this decision into force.

1.1.1.64. Price Tick – the minimum possible difference between the prices indicated in orders/quotes for sale/purchase of securities.

1.1.2. Terms not specifically defined in this part of the Trading Rules shall have definitions established in special parts of the Trading Rules, internal documents of the Moscow Exchange, the Clearing Rules, the Admission Rules as well as laws and other regulatory acts of the Russian Federation.

Subsection 1.2. General provisions

1.2.1. The Trading Rules are part of the rules on organised trading on the Equity and Bond Market, Deposit Market and Credit Market. The Rules were adopted in accordance with the Charter of the Exchange, laws and other regulatory acts of the Russian Federation.

1.2.2. The Trading Rules shall establish the rules of conclusion (settlement) and reconciliation of transactions, rules for registration of transactions, the procedure for settlement of transactions, Rules for prevention, detection and repression of misuse of insider information and/or market manipulation, as well as measures aimed at preventing market disruptions, schedule of services provided by the Exchange, as well as the procedure for monitoring and control over transactions (including the procedure for suspension and resumption of trading, procedure for verification of non-standard transactions and methodology for calculating the market price of securities).

1.2.3. The Exchange shall organise trading in securities and deposit and credit agreements, register transactions in securities and deposit and credit agreements, and shall monitor operations performed during the organised trading.

1.2.4. Trading on the Exchange shall be carried out in accordance with the schedule provided in Subsection 1.3 "Service Schedule" hereof.

1.2.5. Trading on the Exchange shall be conducted only in the Equity & Bond Market Section, the Repo Section, the Deposit Market Section and the Credit Market Section. Specifics of conducting trading in the Sections shall be established in special parts of the Trading Rules.

1.2.6. Securities are traded on the Exchange within different Trading Modes.

- 1.2.7. Trading Modes may consist of separate periods of Trading Mode (hereinafter – periods). The procedure for placing orders and concluding transactions in each Trading Mode (period) shall be stipulated in the special parts of the Trading Rules.

The Exchange may decide to restrict trading in a specific security in a Section, as well as to limit the list of allowable Trading Modes.

The Exchange may decide to limit the list of securities available for trading during the Main Trading Session and/or Additional Trading Session.

The Exchange may determine the list of instruments available for trading with centralised clearing subject to trade specifics attributed to each instrument.

The Exchange determines the list of instruments available for T+ Trades. Such list is approved and amended by the Exchange subject to trade specifics attributed to each instrument and in agreement with the Central Counterparty.

- 1.2.8. The start and the end time of trading within the Main Trading Session and Additional Trading Session in specific Market Sections and/or Trading Modes, including the start time of each period and the end time of each period (order for determining the time), which comprise a separate Trading Mode, shall be established by the Exchange. It shall be acceptable, on decision of the Exchange, to establish a period/periods during which it shall be allowed to announce (place) orders only for purchase or orders only for sale and/or conclusion of transactions.

- 1.2.9. By decision of the Exchange, a list of acceptable settlement codes can be established for a security and/or any other subject matter of the transaction during a separate Trading Mode (period) for a definite order type, both during the Main Trading Session and the Additional Trading Session.

- 1.2.10. Conclusion of transactions in the Trading System shall be as follows:

1.2.10.1. Transactions on the Exchange shall be concluded under decentralised and centralised clearing terms. Transactions shall be concluded in the Trading System based on orders announced (placed) by Trading Members, or orders by Trading Members and Quotes submitted by Liquidity Providers (for Quotes with the “Additional Liquidity” attribute). Centrally cleared transactions in securities may be concluded with no relevant orders being submitted as in cases stipulated in relevant special parts of the Trading Rules and the Clearing Rules. Validity of opposite orders/ Quotes shall be established in the Trading System according to the procedure stipulated in Subsection 1.9 "Orders" hereof and special parts of the Trading Rules. Conclusion of transactions in the Trading System in the manner prescribed by the Trading Rules shall represent conclusion of transactions by exchange of documents via electronic communications.

1.2.10.2. Any transaction in securities/credit agreement is deemed executed since two valid opposite orders are identified in the Trading System, or when the offer is accepted (when the valid opposite Liquidity Provider’s Quote in the register of orders) by the Liquidity Provider after valid opposite orders and Liquidity Provider’s Quote identification, and the transaction is recorded in the register of trades (registration of a trade in the Trading System) except for cases stipulated herein. The Trading System automatically records the time of registration of each transaction in the register of trades and assigns a unique identification number that includes the transaction number and direction of the transaction. A deposit

agreement is deemed executed when the Central Counterparty notifies the Exchange about cash amount deposited with the Central Counterparty. A record about the deposit agreement shall be made into the registry of trades (registration of the transaction in the Trading System). The value of the deposit agreement shall be equal to the amount specified in the Central Counterparty's notice to the Exchange. The Trading System shall automatically fix the registration time of each deposit agreement in the register of trades, and each deposit agreement shall be assigned a unique ID number, including the deposit agreement number.

- 1.2.10.3. The procedure (methods) for conclusion of transactions in placement and circulation of securities is provided in Parts 2 and 3 of the Trading Rules. The procedure (methods) for conclusion of deposit agreements is provided in Part 4 of the Trading Rules. The procedure (methods) for conclusion of credit agreements is provide in Part 5 of the Trading Rules.
 - 1.2.10.4. The Exchange shall provide Trading Members of the same category with equal conditions for concluding transactions in the Trading System.
 - 1.2.10.5. Conditions established herein for trading (except for Repo Transactions) cannot be changed by Trading Members after their registration in the Trading System. As set out in the Clearing Rules, the Clearing Organisation may change specific terms of the executed transactions stipulated in the Clearing Rules which are in default as of the change date.
- 1.2.11. Conclusion and execution of transactions centrally cleared shall be carried out with account of the following specifics:
- 1.2.11.1. Transactions centrally cleared shall be concluded between Trading Members and the Central Counterparty.
 - 1.2.11.2. Details of a transaction with the Central Counterparty (except Repo Transactions) may not be changed after their registration in the Trading System. In cases established in the Clearing Rules, the Clearing Organisation may change, as envisaged by the Clearing Rules, certain details of transactions concluded but not yet performed as at the date of such changes.
 - 1.2.11.3. When placed by a Trading Member, an order for conclusion of a transaction centrally cleared shall be subject to Collateral Control Procedure as per the Clearing Rules this being confirmed by a report received from the Clearing Organisation, and registered in the Trading System. In case a securities transaction order is placed, the Central Counterparty shall be obliged to conclude a transaction on terms, which are not worse than those indicated in the order, subject to availability of valid opposite order(s)/Quote(s)h of other Trading Member(s) with account of specifics of concluding transactions in relevant Trading Modes. If a Quote is submitted, the Central Counterparty shall be obliged to conclude a transaction on terms, which are not worse than those indicated in the Quote, subject to availability of valid opposite order(s), with account of specifics of concluding transactions in relevant Trading Modes. If the Order Book contains a deposit order, which is a valid order opposite to the already registered order for centrally cleared Repo Transactions (or a permissible counter Repo Transaction order in respect of a registered deposit order in the Trading System), the Central Counterparty shall be obliged to conclude a relevant Repo Transaction on the terms not worse than those indicated in such order, and ensure proper conditions for

conclusion of a deposit agreement. After the relevant Repo Transaction is concluded, the Trading Member may not cancel, change or withdraw its deposit order.

1.2.11.4. Upon registration in the Trading System, an order/Quote shall be checked by the Trading System for valid opposite orders in the Order Book during trading.

1.2.11.5. If the Order Book contains orders for securities transaction, which are valid opposite orders to the earlier registered order for conclusion of a centrally cleared transaction in securities, the Central Counterparty for each of the two valid opposite orders executes trades under the same numbers (hereinafter – back-to-back trades) on the following terms:

- the price (the Repo Rate) of each of the orders shall be determined as the price (the Repo Rate) of the valid opposite order/Quote, which is first in queue in the Order Book;
- the volume (the Repo Amount) of each transaction shall be defined as the minimum value of the volume (the Repo Amount) of newly registered order or the volume (the Repo Amount) of the valid opposite order/Quote, which is first in queue in the Order Book, subject to specifics attributed to filling Iceberg Orders (if applicable).

Specifics for concluding transactions with settlement code K0 are established in Subsection 1.12 "Procedure of interaction with clearing organisation. Procedure for settlement of transactions" hereof.

Specifics of concluding transactions with settlement codes Ym/Yn and T0/Yn are given in special parts 3 and 4 of the Trading Rules.

Specifics of concluding transactions with settlement codes Yn and Nn are given in special part 2 of the Trading Rules.

1.2.11.6. In the absence of valid opposite orders/quotes in the Order Book, the registered order shall be placed in queue prior to registration of orders, which are valid opposite orders, or shall be removed from the Trading System depending on the order type and indicated properties. The size of the order shall not affect its priority.

1.2.11.7. Information on availability of valid opposite orders/quotes, terms and conditions for concluding back-to-back and non-back-to-back trades (deposit agreements and corresponding Repo Transactions), presence of unfulfilled orders in the Order Book, as well as withdrawal of an order by the Trading Member, shall be made available to the Central Counterparty through the Moscow Exchange's Trading System.

1.2.11.8. Only those Trading Members meeting the criteria set out by the Clearing Rules for being admitted to Trades T+ or deposit agreements can be admitted to Trading modes intended for executing Trades T+ or deposit agreements. Furthermore, the Clearing Rules set out requirements for Trading Members to execute Trades T+ or deposit agreements and being admitted to clearing of trades with partial collateral.

1.2.12. Only Trading Members shall take part in trading. The Clearing Rules set forth events in which the Clearing Organisation acting as the Central Counterparty may enter orders opposite to the Trading Members' orders and execute trades pursuant to the procedure stipulated by the Clearing Rules.

1.2.13. Equity & Bond Market and REPO Market Trading Members shall be entitled to place orders and conclude transactions:

- on their own behalf and on their own account (rights and obligations under such trades arise with Trading Members);
- on their own behalf and at the expense of their clients, also on account of funds held in trust (rights and obligations under such trades arise with Trading Members);
- on behalf of and at the expense of their clients that are Clearing Members (rights and obligations under such trades arise with Clearing Members);
- indicating a clearing broker (rights and obligations under such trades arise with the clearing broker).

Only Trading Members that are Clearing Members in one are allowed to place orders and execute trades.

When placing and acquiring shares and bonds, a Trading Member performing the functions of seller/buyer on commission of the Issuer, shall conclude transactions on its own behalf and on account of the Issuer of securities.

For securities intended for qualified investors, orders for purchase shall be placed in the Trading System by Trading Members:

- on their own behalf and on their own account;
- on their own behalf and at the expense of their clients – qualified investors, also on account of funds of qualified investors held in trust;
- on behalf of and at the expense of their clients – qualified investors that are Clearing Members;
- indicating a clearing broker for orders placed on behalf of a qualified investor.

Deposit Market Trading Members shall be entitled to conclude transactions as follows:

- on their own behalf and on their own account; and
- on their own behalf and on account of funds held in trust.

Trading Members on the Credit Market shall be entitled to conclude transactions on their own behalf and on their own account.

Trading Members indicate information of Clearing Members (inclusive of clearing brokers), on which behalf they intend to execute trades, when placing orders by way of indicating the trading and clearing account of the relevant Clearing Member, as set forth by the Clearing Rules.

In cases specified in the Clearing Rules, the Clearing Organisation being the Central Counterparty shall be entitled to place orders and execute trades on behalf of a Clearing Member in settlement of defaults or improper fulfilment of obligations under trades or in other events as set forth by the Clearing Rules.

The Clearing Rules may provide for a restriction for Trading Members for executing Trades T+ or deposit agreements depending on whether Clearing Members that are potential parties under such transactions meet requirements set forth by the Clearing Rules.

Unless otherwise prescribed by laws and other regulations of the Russian Federation, orders that may lead to the conclusion of share transfer transactions between a RF resident (except for the Central Counterparty) and a Non-resident on the list as defined in the Clearing Rules, as well as transactions with persons controlled by a Non-resident on the list, irrespective of their place of incorporation or their primary place of doing business are not allowed without a permit issued by the Bank of Russia or another authorised body. The above-mentioned list is created according to the decision approved and disclosed on the website of the Clearing Organisation.

In the event that a Trading Member or a person the Trading Member acts for and (or) on

account of obtains a permit from the Bank of Russia or from any other authorised body, the Exchange shall be entitled not to apply restrictions/specifics set out in these Rules for submitting orders and concluding transactions on account of Non-residents on the list to a Non-resident on the list with a permit, or to a Trading Member acting for or and/or on account of such person, or to apply such restrictions/specifics subject to the aforementioned permit.

In the absence of the Bank of Russia permit or a permit form any other authorised body, orders for and (or) on account of a Non-resident out of the list may be submitted only with indication of a special type of a trading & clearing account as defined in the Clearing Rules.

- 1.2.14. In cases specified in federal laws, regulatory acts of the Bank of Russia and /or Issuer's documents including security prospects, and/or the Listing Rules, the Exchange may establish a limitation on conclusion of transactions for certain categories of Trading Members or/and on conclusion of transactions at the expense of certain categories of Trading Members clients, as well as conclusion of transactions by Trading Members on account of clients and/or from funds held in trust, with respect to certain instruments.
- 1.2.15. Only Trading Members-Authorised Banks are allowed, and only on at their own expense, to submit orders to trade domestic securities in foreign currency, except for Repo Transactions in cases stipulated by the Russian Federation legislation.
- 1.2.16. Parties to transactions shall be required to fulfil their liabilities in accordance with requirements specified in the Trading Rules, in the manner prescribed in the Clearing Rules.
- 1.2.17. Trading Members shall comply with requirements established in the trading rules of the Exchange, laws and other regulatory acts of the Russian Federation.
- 1.2.18. Trading Members may take part in trading from workstations located in trading rooms of the Technical Centre(s), as well as from remote workstations located outside the trading rooms of the Technical Centre(s).
- 1.2.19. The following procedure shall be established for utilisation of codes of Exchange Trading Members and their clients, assigned in accordance with the Admission Rules.
 - 1.2.19.1. In accordance with the Admission Rules, Trading Members shall be assigned the following special codes:
 - Trading Member Code;
 - Trading Member ID;
 - Trading ID.
 - 1.2.19.2. The Trading Member Code and Trading Member ID shall be included in the order register and transaction register generated by the Exchange at the end of each Trading Day. Trading IDs shall be used for placing orders, and as a Trading Member's SES.
 - 1.2.19.3. Placing of an order indicating any of the Trading IDs assigned to the Trading Member in accordance with the Admission Rules, shall constitute the Trading Member's unconditional acceptance that the transaction to be concluded in the Trading System based on such order shall comply with the Rules for trading on the Equity and Bond Market of the Moscow Exchange, which shall be an integral part of such transaction.

- 1.2.19.4. The client code assigned to a Trading Member's client pursuant to the Admission Rules shall be included in the order register and transaction register generated by the Moscow Exchange at the end of each Trading Day. The brief client code and trading accounts code assigned to a Trading Member's client pursuant to the Admission Rules shall be used when placing orders of a Trading Member for conclusion of transactions in the Trading System.
- 1.2.20. The Trading Member is responsible for informing its clients about the risks inherent in certain securities admitted to trading on the Moscow Exchange, as well as for complying with restrictions applicable to individual clients, including restrictions imposed by foreign legislation.
- 1.2.21. Orders for executing trades in securities in the Moscow Exchange's Trading System shall be announced (entered) as to securities admitted to trading on the Moscow Exchange in accordance with the Listing Rules. Transactions in securities made based on entered orders shall be concluded as to securities admitted to trading on the Moscow Exchange pursuant to the Listing Rules and for which the start date of trading has already arrived. Orders for Repo Transactions may be placed, and Repo Transactions may be concluded at the Exchange, except the above cases, in respect of securities not admitted to trading at the Exchange in accordance with the Listing Rules, but included by the Exchange in the List of securities allowed to be the subject of Repo Transactions only, as well as in other cases envisaged by laws. The Moscow Exchange shall be entitled to decide to allow announcement (entering in the Trading System) of orders with field "Activation date" completed for those securities with upcoming start of trading, provided that the activation dates of such orders are not earlier than the first Trading Day of the securities. Entry of data (amendment of data) in the Trading System on securities admitted to trading on the Exchange, as well as about the condition for trading in them can be carried out based on:
- decision of the Exchange which shall define the details (parameters) of the securities admitted for placement or circulation;
 - decision of the Exchange, which shall define the specifics of trading in the securities admitted for placement or circulation;
 - documents submitted by the Applicant, defining the procedure for placement and/or circulation of securities;
 - documents on the consolidation of securities issues, as well as the conversion of securities and/or other documents received from the Clearing Organisation;
 - other documents which are the basis for such decision in accordance with the Listing Rules and the Trading Rules.
- 1.2.22. Where obligations under a transaction in shares are fulfilled after the list of persons eligible to participate in the general meeting of shareholders is drawn up and before such meeting takes place, the Seller to such transaction shall not be responsible for issuing a power of attorney to vote at the meeting in the name of the Buyer or for voting at the meeting pursuant to Buyers instructions unless otherwise stated in a separate agreement executed between counterparties to such trade.
- 1.2.23. In the events prescribed in the Trading Rules and/or Clearing Rules, an obligation to transfer income generated from certain securities that are subject of the transaction arises for a party to the transaction. Procedures and terms for such transfer shall be established by the Clearing Rules.

- 1.2.24. Securities transactions, as well as deposit and credit agreements entered into in breach of these Rules resulted inter alia from technical failures and/or faults of trading software and hardware, failures of information and communication technologies used to enable organised trading, may be recognised as non-concluded.
- 1.2.25. The Exchange shall disclose information on termination of trading in all instruments within a certain Market Section and (or) in a certain instrument on its website not later than a month before the date of trading termination, and not later than a Trading Day following the day of Exchange's resolution on trading termination.
- 1.2.26. The Trading Rules (the special parts of the Trading Rules), as well as any amendments and addenda thereto, shall be approved by the Supervisory Board of the Exchange and shall become effective upon registration by the Regulatory body.
- 1.2.27. The text of the approved and registered Trading Rules (the special parts of the Trading Rules) and any amendments and addenda thereto shall be disclosed on the Exchange's website. On demand (request) of a Trading Member, the text of a relative document shall be provided by the Exchange in hard copy.

Trading Members and other interested parties shall be advised about entry into force of the Trading Rules (the special parts of the Trading Rules) (amendments and addenda thereto) through announcements posted on the Exchange's website, about the date of entry into force, and the text of the approved document not later than 5 five working days prior to the date of entry into force of the Rules (the special parts of the Trading Rules), (amendments and addenda thereto) unless other period was not determined by the resolution of the Exchange. Trading Members shall be additionally advised about the date of entry into force of the Rules (the special parts of the Trading Rules), (amendments and addenda thereto) in the form of an electronic document of "B" category in PDF format following the form of the original hard copy notice not later than three working days prior to the date of their bringing into force.

Subsection 1.3. Service schedule

- 1.3.1. Trading at the Exchange shall be conducted daily, except weekends and holidays determined in accordance with legislation of the Russian Federation. The Exchange may decide to cancel trading on a Business Day established in accordance with legislation of the Russian Federation and/or conduct trading on weekend or holiday established in accordance with legislation of the Russian Federation.
- 1.3.2. The Trading Day shall consist of the Main Trading Session and Additional Trading Sessions of the current Business Day.
- 1.3.3. Equity & Bond Market trading hours:
 - 1.3.3.1. Pre-market trading, if any, starts at 06:50 am (MSK), It ends at 09:50 am (MSK) for the "Equities" Group of Instruments and 09:30 am (MSK) for the "Bonds:" Group of Instruments.
 - 1.3.3.2. The Main Trading Session starts at 09:50 am (MSK) for the "Equities" Group of Instruments and 09:30 am (MSK) for the "Bonds" Group of Instruments. It ends at 07:00 pm (MSK).

- 1.3.3.3. After-hours trading, if any, starts at 07:00 pm (MSK), but no earlier than the Main Trading Session ends, and ends at 11:59 pm (MSK).
 - 1.3.4. Repo Market and Credit Market trading hours:
 - 1.3.4.1. Pre-market trading, if any, starts at 06:50 am (MSK) and ends at 09:30 am (MSK).
 - 1.3.4.2. The Main Trading Session starts at 09:30 am (MSK) and ends at 07:00 pm (MSK).
 - 1.3.4.3. After-hours trading, if any, starts at 07:00 pm (MSK), but no earlier than the Main Trading Session ends, and ends at 11:59 pm (MSK).
 - 1.3.5. Deposit Market trading hours:
 - 1.3.5.1. The Main Trading Session starts at 09:30 am (MSK) and ends at 23:59 (MSK).
 - 1.3.6. The possibility of trading in the Additional Trading Sessions shall be provided by order of the Exchange.
 - 1.3.7. The Exchange shall suspend trading in a particular security (securities) and resume such trading in cases stipulated in laws and other regulatory acts of the Russian Federation.
 - 1.3.8. The Exchange shall suspend trading in a particular security (securities) with the US income source for trades executed based on order book orders (except for trades executed in the 'Settlement of Unfulfilled Obligations with CCP' trading mode) when there are reasons for suspension of trading in such securities on a foreign exchange (exchanges) where such securities are listed or traded, due to changes in S&P500 index value. Trades in a particular security (securities) suspended for the reasons specified herein shall be resumed when there exist the reasons for resumption of trading in such securities on a foreign exchange (exchanges).
 - 1.3.9. The Exchange summarises end-of-day trading results, produces end-of-day trading reports in accordance with the procedure set out in Clause 1.19 hereof, and sends such reports to each Trading Member within the following timeframes:
 - not later than 08:00 pm MSK on the current Trading Day, for extracts from the register of trades regarding trades concluded by 07:00 pm (MSK);
 - not later than 08:00 pm MSK on the next Trading Day, for extracts from the register of trades regarding trades concluded by after 07:00 pm (MSK);
 - not later than the start of the Main Trading Session on the next Trading Day, for extracts from the register of offers on deposit orders placed by the Deposit Market Trading Member during the Main Trading Session, ;
 - within one hour from the end of the Main Trading Session, for extracts from the register of trades regarding trades concluded by the end of such session if the session hours were prolonged subject to the Trading Rules;
 - not later than one hour after the possibility for generating and submitting extracts from the register of trades to Trading Members has been resumed, for extracts from the register of trades regarding trades concluded by the Trading Member on a given Trading Day if any technical faults occur during such Trading Day that caused the trading to end at a non-regular time and precluded extracts from the register of trades from being produced and send to Trading Members within the established timeframes;
 - extract from the order register showing all orders placed by the Trading Member during the Main Trading Session and Additional Trading Session of the current

Trading Day – prior to the end of the following Trading Day (shall be provided on written request of the Trading Member);

- other end-of-day reporting documents, except the above extracts from the register of transaction and order register – prior to the start time of the following Trading Day.

- 1.3.10. In cases provided for in Subsections 1.16 and 1.21 hereof, the service schedule of the Exchange may be amended. Information about changes in the service schedule, including the start and end time of trading, shall be forwarded during the Trading Day via the Moscow Exchange's Trading System, and/or on the Exchange's website and/or otherwise.
- 1.3.11. Trading Members shall be notified about changes to the service schedule including the start and end time of trading within 3 working days prior to the effective date of the changes (except as provided in Subsections 1.16 and 1.21, unless another notification time is established by the Exchange.
- 1.3.12. Where the Exchange plans to open trading on a weekend and/or during public holidays, it shall notify Trading Members thereof and publish relevant information on its website no later than 3 (three) months before such Trading Day.

Subsection 1.4. Admission to trading. Trading IDs

- 1.4.1. The conclusion of transactions on the Exchange shall be carried out by the Trading Members. To operate in the Trading System, the Trading Members shall be assigned with the Trading IDs, pursuant to the Admission Rules and taking into account requirements of the laws and other regulatory acts of the Russian Federation.
- 1.4.2. The Trading Member shall be liable for all acts committed on the Exchange using its Trading IDs. The Exchange shall not be liable for the consequences of erroneous or unauthorised acts of Trading Members or any third parties should the Trading ID was accessed and/or used by such third party illegally or without proper authorisation.
- 1.4.3. For the purposes of ensuring smooth functioning of the Trading System, the Exchange may suspend the right to place, modify and withdraw orders under a specific Trading ID (including the actions performed with such Trading ID, based on the order submitted with the use of SMA Identifier). Such suspension shall be allowed on a Trading Day, during which the following parameters were exceeded during a period of time established by the Exchange:
 - average allowable number of operations per second, performed in the Trading System, using the relevant Trading ID, established the by the Exchange, or
 - average allowable number of error messages per second generated in the Trading System as a result of erroneous actions performed using the relevant Trading ID, established by the Exchange.

Further, for the purposes of this paragraph of the Rules, actions carried out with the relevant Trading ID in the Trading System, shall designate announcement (placing) of orders, withdrawal of orders or amendment of orders.

The rights to place, modify and withdraw orders using the mentioned specific Trading ID shall be suspended until receipt of information about correction of errors in software used by the Trading Member (according to a form provided for in the Admission Rules), if these criteria are repeatedly reached during the same Trading Day – until the end of the Trading Day.

In the case of suspension of rights to announce (place), modify and withdraw orders, active orders previously placed with the relevant Trading ID, may be withdrawn by the Operator in the manner provided herein.

Subsection 1.5. Operator

- 1.5.1. On the part of the Exchange, authority to conduct trading and monitor proper implementation of the Trading Rules by Trading Members and their representatives in dealing on the Exchange shall be assigned to the Operator.
- 1.5.2. The Operator shall be appointed from among employees of the Exchange.
- 1.5.3. The Operator shall carry out preparation, launch, suspension, resumption and termination of trading.
- 1.5.4. The Operator shall manage trading in accordance with requirements of the Trading Rules, carry out operational interaction with Trading Members and representatives of issuers, as well as during trading, coordinate activities of representatives of departments of the Exchange involved in trading.
- 1.5.5. The Operator shall be entitled to:
 - require strict compliance with the Trading Rules by Trading Members;
 - make official announcements and notifications related to the procedure of trading;
 - execute a decision on cancelation of the Trading ID in cases stipulated by the Trading Rules of the Moscow Exchange;
 - carry out decisions on termination/suspension of a Trading Member's admission to trading in the cases provided by the Trading Rules of the Moscow Exchange;
 - carry out decisions on suspension of a Trading Member's admission to trading, on suspension of a Trading Member's technical access to the Trading System, on termination/suspension and resumption of trading in the cases and manner prescribed in Subsections 1.16 and 1.21 hereof.
- 1.5.6. The Operator shall carry out preparation and signing on behalf of the Exchange of reporting documents confirming the registration of orders/quotes and transactions in the Trading System, as well as other documents on the results of trading in accordance with the Trading Rules, if not otherwise provided by the Exchange.
- 1.5.7. On request of a Trading Member, the operator shall have the right to withdraw unfulfilled orders/quotes from the Trading System, and to forcedly discontinue access to the Trading System for a particular Trading ID if a Trading Member's access to the Trading System during a trading session was terminated due to technical reasons, or there is no technological possibility to access the Trading System. For this purpose, the Trading Member shall send the Moscow Exchange a request (message) to withdraw active (unfulfilled) orders/quotes placed by this Trading Member or a request (message) to forcedly discontinue access to the Trading System for a particular Trading ID. The request (message) shall be sent only by the chief executive officer of the Trading Member, its controller or its employee responsible for stock market operations indicated in the Legal Entity Details Form, via telephone or facsimile message and shall contain the following details:

For requests to withdraw active orders/quotes:

- a) Name (surname, first name, patronymic), telephone number;
- b) Trading Member's ID and Trading ID;
- c) The code word identical to the code word for orders/quotes withdrawal, indicated in the Legal Entity Details Form;
- d) Reference numbers of active (unfulfilled) orders/quotes placed by the Trading Member, which should be withdrawn, with details of orders/quotes or indication that it is necessary to withdraw all active (unsatisfied) orders/quotes placed by the Trading Member, which are currently in the Trading System;
- e) The date and time of transmission of the telephone (facsimile) message, as well as telephone number of the Trading Member used for transmission.

For requests to forcibly discontinue access to the Trading System for a Trading ID:

- a) Name (surname, first name, patronymic), telephone number;
- b) Trading Member's ID and Trading ID for which access to the Trading System should be forcibly discontinued;
- c) The code word identical to the code word for orders withdrawal, indicated in the Legal Entity Details Form;
- d) The date and time of transmission of the telephone (facsimile) message, as well as telephone number of the Trading Member used for transmission.

The Exchange shall be entitled to take measures, which the Exchange deems adequate, to verify the validity of transmission of a specific telephone (facsimile) message.

If the request details are correct, and the numbers of active (unfulfilled) orders/quotes indicated in the request (message) of the Trading Member match the numbers of active (unfulfilled) orders/quotes placed in the Trading System by the Trading Member, the Operator, if technically possible, shall withdraw orders/quotes in accordance with the request (message). If this is not possible, the Operator, via telephone (facsimile) message, shall inform the Trading Member, which sent such request about impossibility of withdrawing the orders/quotes.

If the numbers of active (unfulfilled) orders/quotes in the request do not match those placed in the Trading System by the Trading Member and/or the details of the request (message) are incorrect, such request shall be rejected, and the Operator shall inform the Trading Member accordingly via telephone or facsimile message.

The Exchange shall not be liable for any losses incurred by a Trading Member due to performance of its request (message) about withdrawal of active (unsatisfied) orders/quotes or due to failure to perform such request if the numbers of active (unsatisfied) orders/quotes do not match those placed in the Trading System by the Trading Member and/or the details of the request (messages) are incorrect.

1.5.8. The Operator shall be obliged to:

- carry out decisions made by the Exchange;
- inform the Exchange's authorised person about the circumstances occurred, which may constitute grounds for suspending trading, in cases determined by the Exchange;
- carry out prompt preparation, launch, suspension, resumption and termination of trading.
- manage the trading process in accordance with the requirements of the Trading Rules;
- take timely actions within his/her authority to prevent the onset of circumstances preventing the normal course of trading;
- ensure registration and storage of reporting documents on the results of trading;

- promptly inform Trading Members about decisions of the Exchange related to the procedure of trading.
- 1.5.9. Undisclosed information that becomes known to the Operator during trading shall constitute confidential information, and/or trade secret, and/or insider information.
- 1.5.10. In the case of suspension of the rights to announce (place), modify and withdraw orders/quotes using a specific Trading ID, at the request of a Trading Member, the Operator shall have the right to withdraw unfulfilled orders/quotes placed using the specific Trading ID. For this purpose, the Trading Member shall send the Moscow Exchange a request (message) in the form provided in this sub-section, containing an indication that it is necessary to withdraw all active (unfulfilled) orders/quotes in the Trading System placed with the specific Trading ID, indication of the numbers of active (unfulfilled) orders/quotes placed by the Trading Member not being required.

If the details of the request are correct, the Operator, if technically possible, shall withdraw orders/quotes in accordance with the request (message). If this is not possible, the Operator, via telephone (facsimile) message, shall inform the Trading Member, which sent such request about impossibility of withdrawing the orders/quotes.

The Moscow Exchange shall not be liable for any losses incurred by the Trading Member due to performance of its request (message) about withdrawal of active (unsatisfied) orders or due to failure to perform such request if the details of the request (messages) are incorrect.

Subsection 1.6. Market Makers

- 1.6.1. Trading Members may become Market Makers by signing an agreement with the Exchange that provides for a voluntary assumption of additional commitments as set forth herein by the Trading Member to place indirect orders to execute trades on its own behalf and at its own expense or on its own behalf and at the expense of a client if such client has provided the relevant order indicating that it has been submitted while the Market Maker was performing its obligations and that the relevant information has not been disclosed to other trading participants (hereinafter – the Order of the Market Maker), within the Market Sections determined by the Exchange (within the periods of the Trading modes of the relevant Market Section).
- 1.6.2. Trading Members start performing market making functions after relevant market maker agreement was signed in accordance with procedure prescribed by the Admission Rules.
- 1.6.3. During the term of the agreement/contract on performing Market Maker functions, to maintain quote for securities/and (or) trade volume a Market Maker shall assume the liability to submit and maintain at the same time Two-Sided Quote in the relevant security in the Trading system. The Exchange shall make resolutions on the size of the two-sided quote spread and/or maximum spread (only for the purpose to maintain quote), minimum volume of orders submitted by a Market Maker (hereinafter – volume of the two-sided quote), period of time during which a Market Maker must submit its orders (hereinafter – period of quote maintenance) and other resolutions regarding Market Makers obligations.
- 1.6.4. During the term of the agreement/contract on performing Market Maker functions, to maintain supply and/or demand in securities a Market Maker shall assume the liability to submit orders of the Market Maker to buy and/or only orders of the Market Maker to sell

relevant securities. The Exchange shall determine the procedure for calculating the maximum bid price and/or minimum offer price for orders submitted by the Market Maker, minimum volume of orders submitted by the Market Maker, period of time during which the Market Maker must submit relevant orders of the Market Maker and other requirements to the Market Maker obligations.

- 1.6.5. Support of price, demand, supply and volume, which shape during trading involving conclusion of Repo Transactions, shall be carried out by the Market Maker by means of placing and simultaneous maintaining of orders of the Market Maker for conclusion of Repo Transaction, under which the Market Maker shall be the buyer in the first leg of a Repo Transaction, and orders of the Market Maker, under which the Market Maker shall be the seller in the first leg of a Repo Transaction with the same Settlement Date, but with different Repo rates (hereinafter – Bilateral Repo Quotes).

The Exchange shall set mandatory requirements to the maximum difference between the Repo rate indicated in the order of the Market Maker for conclusion of Repo Transaction, under which the Market Maker shall be the buyer in the first leg of the Repo Transaction, and the Repo rate indicated in the order of the Market Maker for conclusion of Repo Transaction, under which the Market Maker shall be the seller in the first leg of the Repo Transaction (hereinafter – Bilateral Repo Quote Spread); requirements to the minimum volume of orders of the Market-Maker, as well as to the period of time, during which Market Maker must support Bilateral Repo Quotes, the procedure for calculating the Bilateral Repo Quote Spread and the procedure for determining maximum Bilateral Repo Quote Spread.

The Exchange may establish the total volume of Market Maker Repo Transactions to be executed in each type of securities within a single Trading Day (the trading session) pursuant to commitments stipulated in this clause, upon reaching which a Market Maker may enter orders of the Market Maker to execute Repo Transactions only in one direction (the Market Maker acts as a buyer for the first repo part or the Market Maker acts as a seller for the first repo part) in the amount not less than minimum volume of orders submitted by the Market Maker or shall be exempted from such commitments.

The Exchange and a Market Maker may execute a Market Maker agreement that allows the Market Maker to enter orders to execute only solely-directed Repo Transactions (the Market Maker is a buyer under the first repo part or the Market Maker is a seller under the second repo part). In addition, the Exchange shall set requirements for minimum and maximum repo rate, minimum volume of orders to be entered by the Market Maker as well as for a period of time during which the Market Maker shall submit relevant orders.

- 1.6.6. The Exchange may establish the total volume of Market Maker transactions to be concluded in each type of securities within a single Trading Day (the trading session) pursuant to commitments, upon reaching which a Market Maker is discharged from further obligations or, for the case of taking the obligations to maintain quote, may place orders of the Market Maker for transactions in the involved securities only in one direction (buy or sell) in the amount not less than MAV established for the securities (hereinafter – the sufficient volume of transactions, SV). Thereby, compliance with the following condition shall be verified (unless otherwise provided by decision of the Exchange):

- In the case of placing only the orders of the Market Maker for purchase (sale), the price variance from the market price of the securities in these orders should not exceed half the spread limit value established for the securities. At this, the prices of purchase (sale) orders of the Market Maker shall be less (greater) than the market price of the securities.

1.6.7. If any additional measures are required to maintain liquidity for a certain security, the Exchange may restrict types of orders that may be entered by Trading Members that are not market makers, to the extent of limit orders not residing on the book and market orders.

1.6.8. The value of the two-sided quote spread and maximum spread shall be calculated in accordance with the formula:

for determining the value of the two-sided quote spread and maximum spread expressed in percentage:

$$Spread = \frac{(P_{sale} - P_{purchase})}{P_{purchase}} * 100\%$$

for determining the value of the two-sided quote spread and maximum spread expressed in currency unit (unless otherwise prescribed by the Exchange):

$$Spread = P_{sale} - P_{purchase}, \text{ where:}$$

Spread – two-sided quote spread or maximum spread;

P_{sale} – for calculating the two-sided quote spread: the best (minimum) offer price in the orders of the Market Maker; or

for calculating the maximum spread: maximum price in the orders of the Market Maker to sale, under which the total quantity of securities in these orders, calculated cumulatively in order of ascending price, amounts to not less than the MAV;

$P_{purchase}$ – for calculating the two-sided quote spread: best (maximum) bid price in the orders of the Market Maker; or

for calculating the maximum spread: minimum price in the orders of the Market Maker to purchase, under which the total quantity of securities in these orders, calculated cumulatively in order of ascending price, amounts to not less than the MAV.

1.6.9. The Exchange shall exercise daily monitoring of Market Maker operations during the relevant trading session, which shall be carried out by the indicators set by the Exchange in accordance with the legal acts of the Russian Federation and contract terms and conditions.

1.6.10. At least once a year, the Exchange shall audit operations of the Market Maker on all transactions concluded during trading on the Exchange, including those carried out pursuant to its Market Maker obligations.

1.6.11. The Exchange may provide for that for the purpose of a price maintenance by a Trading Member at securities offerings or trading, or in relation to repurchase or acquisition of shares, redemption of closed-end mutual fund units (according to an agreement made between such Trading Members and the securities issuer (hereinafter the Agreement with the issuer), the Trading Member may enter order book orders to conclude transactions on its own behalf and for its own account or on client's behalf and for client's account provided that a client's instruction containing a provision on its purpose as to perform obligations under the Agreement with the issuer (the person obligated to securities, management company of a mutual fund) and on a non-disclosure of relevant information to other Trading Members is available (hereinafter the order "Price Maintenance") on the

Market Sections (in the Trading Modes' periods of the relevant Market Section) stipulated by a relevant Exchange's resolution.

- 1.6.12. When the Market Maker performs the market making obligations under the agreement, the Exchange shall monitor market making activities for unfair trading practices and shall record the cases when the Market Maker exceeds the maximum permissible volume of non-standard market maker trades.
- 1.6.12.1. Non-standard market maker trade (non-standard MM trade) means a trade between two counterparties, with one or both acting as a Market Maker for a Derivatives Contract, which is intended only for keeping the appearance of trading activity in relation to that Derivatives Contract.
- 1.6.12.2. Criteria for non-standard MM trades shall be defined in the Exchange's internal documents and shall not be disclosed.
- 1.6.12.3. Maximum permissible volumes for non-standard MM trades in respect of Derivatives Contracts shall be approved by an Exchange's authorised body and disclosed on the Exchange's website.
- 1.6.12.4. If the Trading Member uses unfair trading methods when fulfilling the market making obligations in terms of exceeding maximum permissible volumes of non-standard MM trades, the Exchange shall, in accordance with its internal procedures, establish in respect of this Trading Member that it has committed the aforementioned violation (hereinafter, the Violation).
- 1.6.12.5. If the Trading Member is found to have committed a violation, the Exchange shall be entitled to impose one or more penalties in respect of the Trading Member, such as:
- Violation warning;
 - Penalty of 10% of remuneration due for Market Maker's services in respect of the Derivatives Contract, but not less than ten thousand (10,000) roubles;
 - Penalty of ten thousand (10,000) roubles if remuneration due for Market Maker's services in respect of the Derivatives Contract is paid irrespective of Market Maker's trading volume;
 - Amendments made to the relevant Market Maker's identifier(s) (code(s) of the position register section/ group of codes of the position register section) in the relevant market making agreement executed with the Market Maker having committed a violation, in case under the said agreement the Market Maker provides services using more than one Market Maker's identifier;
 - Unilateral termination of the relevant market maker agreement with the Trading Member for a period of at least three (3) calendar months.
- 1.6.12.6. If a Violation is detected involving a Trading Member, the Exchange shall be entitled to notify the issuer, being one of the parties to the market making agreement concluded with the violating Market Maker, of the detected Violation and the possible consequences of such Violation.

Subsection 1.7. Price Tick, Repo Rate Tick and interest rate tick

- 1.7.1. A Price Tick shall be established for all orders/quotes (except for limit orders and market orders to execute a Repo Transaction with the CCP, orders placed in the Credit Market Section, and orders to execute a deposit agreement with the CCP), and be construed as

the minimum allowed difference between prices indicated in orders/quotes of the same direction (purchase or sale).

- 1.7.2. The value of Price Tick for bonds shall be established equal to 0.01 (zero point zero one) percent of the bond's face value. For all other securities, the value of Price Tick shall be established equal to 0.01 (zero point zero one) rouble.
- 1.7.3. Other price increments for individual securities or categories (types) of securities in certain Trading Modes can be established by decision of the Exchange.
- 1.7.4. For orders entered to execute a Repo Transaction with the CCP the Repo Rate Tick shall be established. The Repo Rate Tick shall be construed as the minimum allowed difference between the Repo Rates indicated in orders of the same direction (to raise money or to place money).
- 1.7.5. The Repo Rate Tick for the Trading Mode “Repo with the CCP – Order Book Orders” is set to be 0.01 (one hundredth) per cent per annum.
- 1.7.6. The Exchange is entitled to set other Repo Rate Tick values for certain securities or categories (types) of securities traded in certain Trading Modes.
- 1.7.7. For deposit or credit agreement orders, the interest rate tick shall be established. The interest rate tick shall be construed as the minimum allowed difference between interest rates indicated in orders of the same direction.
- 1.7.8. The interest rate tick for the Trading Mode “Deposits with the CCP – Order Book Orders” is set to be 0.01 (one hundredth) per cent per annum.
- 1.7.9. The interest rate tick for the Trading Mode “Credit – Off-book Orders” is set to be 0.01 (one hundredth) per cent per annum.
- 1.7.10. The Exchange is entitled to set other interest rate tick values for certain Trading Modes.

Subsection 1.8. Standard Lot

- 1.8.1. For the purposes of the Trading Rules, a standard lot means the acceptable quantity of securities in a single order/Quote. The number of standard lots in an order shall be defined by an integer.
- 1.8.2. The size of standard lot shall be established at 1 (one) securities.
- 1.8.3. Other standard lots for individual securities or categories (types) of securities in certain trading modes can be established by decision of the Exchange.

Subsection 1.9. Orders and Quotes

- 1.9.1. Orders for conclusion of transactions shall be submitted electronically.

- 1.9.2. Order types, forms and standards are set out in the special parts of the Trading Rules.
Orders shall be placed in the Trading System by means of electronic communications containing the Trading Member's SES (Trading ID).
Assignment and use of the Trading IDs shall be carried out in the manner prescribed in the Admission Rules.
- 1.9.3. Prices in orders for conclusion of transactions in bonds shall be indicated as a percentage of the outstanding nominal value at the time of transaction (unless otherwise stipulated by decision of the Exchange). Prices in any other orders are in RUB. By decision of the Exchange, prices for individual securities or in certain Trading Mode can be quoted in foreign currencies. The list of securities, transactions in which are settled in foreign currency (foreign exchange transactions) or Trading Modes, where transactions are concluded in foreign currency, shall be established by decision of the Exchange.
- 1.9.4. During trading, a Trading Member may place all types of orders referred to in the special parts of the Trading Rules, in the Trading System, with account of specifications being defined in the Trading Rules. The Exchange may limit order types permitted for certain instruments traded. Such limits may be established for either certain Trading Mode(s) or all Trading Modes for which such order types are permitted.
- 1.9.5. Orders available (information on which is revealed) for all Trading Members, including cases when, in accordance with the Trading Rules, transaction under the orders is concluded with a Central Counterparty, shall be considered an order book order. All other orders shall be considered off-book orders.
- 1.9.6. Order book orders can be anonymous and non-anonymous. Off-book orders can only be non-anonymous. If the information allowing identification of a Trading Member who submitted an off-order book order, is not disclosed during trading and/or in the trading results to all Trading Members, such order shall be considered anonymous. If this information is disclosed during trading and in the trading results to all Trading Members, such order shall be considered non-anonymous.
- 1.9.7. Entering an order to the Trading System by a Trading Member shall mean its unconditional consent to execute the trade on conditions that are the same or better than those indicated in the order, unless otherwise specified in the special parts of the Trading Rules.
- 1.9.8. For certain order types in some securities the Exchange may decide providing the opportunity to submit orders with indication of price calculated based on the yield and procedure for calculating the yield. For certain order types, it shall be possible to place orders in the Trading System with an indication of additional details, specifying a particular transaction. For such orders, it shall be possible to indicate the following attributes regarding the type of fulfilment:
- in terms of unfulfilled balance:
- "Enqueue";
 - "Kill Balance";
 - "Fill or Kill";
 - "Enqueue or Kill"
- in terms of price:
- "At the same price";

- "At different prices".

in terms of liquidity – the source of opposite bid/ask (only for types of securities allowed by the Exchange):

- “Internal liquidity”;
- “Additional liquidity”.

When placing an order under the type of fulfilment in terms of price, it shall be possible to indicate an additional subtype – "At weighted average price"; at this, the price of the order will be automatically set to the current weighted average price. Indication of a corresponding attribute of order fulfilment shall mean the following:

1.9.8.1. When using the attribute "Enqueue", the order is queued and the transaction shall be concluded if there are valid opposite orders.

When using the attribute "Kill Balance", after conclusion of transactions the unfulfilled balance is withdrawn.

If an order has the attribute "Immediate or Cancel", the order shall be withdrawn in the absence of valid opposite orders, fulfilling it completely.

An order with “Enqueue or Kill” attribute shall be withdrawn if a valid opposite order resides in queue. “Enqueue or Kill” attribute is available only for limit orders submitted in the trading period in the Main Trading, Main Trading T+ and IIR Sector – Main Trading Mode, unless otherwise decided by the Exchange.

1.9.8.2. When using the attribute "At the same price", the transaction shall be concluded at the price of the first valid opposite order, provided it is not worse than that indicated in the order, and the unfulfilled balance shall be queued at the price of the last concluded transaction under this order. If at the time of placing there were no valid opposite orders, an order with attribute "At the same price" shall be queued as an order with "Enqueue" attribute.

When placed with attribute "At different prices", a transaction shall be concluded at the price of valid opposite orders.

It shall be possible to place orders consequently indicating two attributes "Immediate or Cancel" and "At the same price", in which case the order shall be fulfilled at the same price for the entire volume or withdrawn from the Trading System.

“Fill or Kill” and “Kill Balance” attributes are not allowed in parallel with “Enqueue or Kill”.

By specifying the “Additional Liquidity” attribute, Trading Members agree that if their order crosses with a valid opposite Quote in the order queue, such order will be considered an offer submitted in response to the Liquidity Provider's Quote, and that if the order (including the remaining volume) is placed in the order queue, such order will have the “Internal Liquidity” attribute.

1.9.9. Order Book Orders, except for order book NTM orders shall be fulfilled in accordance with the following rules:

- the transaction shall be concluded at the price of the order, which is first in the Order Book;

- the size of the order shall not affect its priority.

1.9.10. If not otherwise established by decision of the Exchange, selection of valid opposite orders in the Order Book shall be carried out successively among all orders in the Order Book beginning with those first in the queue. If a valid opposite order is an order, satisfaction of which can lead to conclusion of a transaction that arises from orders entered at the expense of the same entity (as defined by the entity's code), and/or that results in restrictions for trust managers being violated in accordance with laws and other regulatory acts of the Russian Federation and/or in accordance with these Rules (hereinafter, the cross trade), selection of valid opposite orders shall be terminated while the order for which valid opposite orders have been selected shall be rejected to the extent of remaining balance. In the event that the Trading Member (Trading members) indicates (indicate) the relevant information in the manner prescribed by the Admission Rules, if a valid opposite order is an order which can lead to conclusion of a cross trade, then selection of valid opposite orders shall be terminated and continue from the next in the queue order, while the previously submitted order leading to a cross trade shall be withdrawn.

A trade using the Liquidity Provider's Quote shall be executed as follows. When price conditions of the Trading Member's order match an active Quote, the Exchange records the order-quote pair and assigns a unique number to such pair, with the order being removed from the order queue in the respective volume and recognised as an offer submitted against the Liquidity Provider's Quote.

Information on registering the pair in question is sent to the Liquidity Provider, with all material terms and conditions of the potential transaction in that order-quote pair, except for information on the Trading Member who submitted the order. Following the information of the order-quote pair, Liquidity Providers may submit a confirmation to execute a trade. Such confirmation must be submitted before the order acceptance period expiry for the pair in question (a period of time available for Liquidity Providers to accept and submit confirmations of trade execution for the relevant order-quote pair). By sending a trade confirmation, the Liquidity Provider initiates a valid opposite order to the order within the order-quote pair (to the extent recorded in the order-quote pair) via the Trading System; the respective trade is executed once such valid opposite order is recorded in the order register.

When the Exchange receives a report from the Clearing Organisation that the Quote does not meet collateral requirements, or when an offer acceptance from the Liquidity Provider is not registered within the order acceptance period, or when an offer is rejected by the Liquidity Provider, the Quote in question shall be either cancelled and the order involved is again inserted in queue and valid opposite orders search among those next in the queue is started again (for limit orders residing in book), or shall be withdrawn by the Exchange if the Exchange receives a withdrawal request within the order acceptance period.

1.9.11. All orders for conclusion of transactions and Quotes in the Trading System shall be orders/quotes, the detail values of which cannot be changed, except for orders with the attribute "activation time" and limit CCP repo orders entered as part of the aggregate CCP repo order, and the special parts of the Trading Rules may include other restrictions. Changing the detail values of an order/Quote in the Trading System by a Trading Member shall mean withdrawal of the original order/Quote (partially fulfilled order/Quote) and placing of a new order with modified detail values, which shall be assigned a new identification number in the Trading System, and the time of its placing shall be recorded.

Trading Members may cancel an order/Quote placed in the Trading System by withdrawing it. Withdrawal of the initial order/Quote (partially fulfilled order/Quote) shall be carried out by entering an appropriate request in the Trading System about withdrawal of the order, upon receipt of which such order/Quote shall become inactive, i.e. unavailable for changing the values of its details and conclusion of transaction(s). Request for withdrawal of an order/Quote shall contain the details of the active order/orders/Quote/Quotes subject to withdrawal and SES of the Trading Member placing the request about its removal. When the details of several orders/quotes are indicated in the request of withdrawal, transfer of orders/quotes into inactive state shall be carried out in the Trading System in the order indicated in the request about withdrawal. Orders with the attribute “activation time” indicated shall be deemed to be orders with attributes allowed for changes as for the attribute “activation time” and change of the “activation time” attribute shall not mean withdrawing the initial order and entering a new one with changed details. The details “Repo amount” and “Quantity of securities” of any CCP repo limit order entered through the aggregate CCP repo order may be changed (recalculated) following an execution of trade based on other CCP repo limit order entered through that aggregate order. Such changes in details of the CCP repo limit order does not mean withdrawing the initial order and entering a new one with changed details.

- 1.9.12. When an order/Quote is registered in the Trading System, the time of its placing and code of the Trading Member, which placed the order/Quote, shall be registered automatically, and a unique identification number shall be assigned (in ascending order).
- 1.9.13. Unless otherwise determined by the Exchange and/or the Trading Rules, all non-filled orders/quotes in the Trading System can be withdrawn or modified (as prescribed in the Trading Rules) by the Trading Member.
- 1.9.14. The order/Quote registered in the Trading System shall be valid during the period limited by the trading period in the given instrument in the relevant Trading Mode, or by the moment the Clearing Organisation introduces the Settlement Code/Trading and Clearing Account Procedures Regime (mandatory positions closeout), stipulated by the order/Quote, depending on the earlier date. Unless the Exchange decides otherwise, Liquidity Providers shall accept offers within 200 msec after the offer is submitted to them.
- 1.9.15. When the Exchange receives a Notice from the Clearing Organisation on clearing service suspension for a Clearing Member being a Trading Member at the same time, during a trading day, the active orders/quotes submitted by such Trading Member shall be withdrawn by the Exchange from the clearing service suspension time indicated in the Notice. New orders/quotes may not be submitted until clearing service is resumed for the Clearing Member.

When the Exchange receives a Notice from the Clearing Organisation on suspending clearing services for a Clearing Member (a clearing broker inclusive) being a party to transactions executed by a Trading Member that is not a Clearing Member in one, the relevant active orders/quotes, placed by this Trading Member with the indication of such Clearing Member as a party to the transaction, shall be withdrawn by the Exchange as from the clearing service suspension date indicated in the Notice. New orders/quotes may not be submitted until clearing service is resumed for the Clearing Member.

- 1.9.16. Once the Exchange receives a Notice from the Clearing Organisation on accepting the Application for obligations and Collateral transfer for execution, the orders/quotes of a

Trading Member, being a Basic Clearing Member in accordance with the Clearing Rules, placed on behalf of and at the expense of a Segregated Client, as defined in the Clearing Rules, or orders/quotes placed on behalf of a client of the Basic Clearing Member-Clearing Broker with the indication of the settlement code assigned to the Segregated Client shall be withdrawn by the Exchange, and such Trading Member may not place new orders/quotes on behalf of this Segregated Client.

- 1.9.17. When the Exchange receives a Notice from the Clearing Organisation on earlier settlement and/or earlier conclusion of transactions with the Central Counterparty for a particular trading and clearing account, active orders/quotes to execute trades with the Central Counterparty with the respective Settlement Dates placed with the indication of this trading and clearing account shall be withdrawn by the Exchange as from the time of earlier settlement and/or earlier conclusion of transactions indicated by the Central Counterparty. New orders/quotes with respective Settlement Dates and trading and clearing accounts may not be placed until the Exchange receives a Notice from the Clearing Organisation on resumption of such trades.

This Clause (to the extent of Exchange's actions when receiving information on earlier conclusion of transactions with the Central Counterparty) shall not apply to orders/quotes placed/being placed with indication of trading & clearing account that matches with the Primary Settlement Account to debit fee amounts as defined in the Clearing Rules.

- 1.9.18. When the Exchange receives a Notice from the Clearing Organisation on introducing the Settlement Procedures Regime (Mandatory positions closeout) towards a certain Settlement Code/Trading and Clearing Account, and once such Settlement Procedures Regime (Mandatory positions closeout) commences, the Trading Member may not place new orders/quotes and the orders earlier placed with this Settlement Code/Trading and Clearing Account may not be activated until the Clearing Organisation lifts the Settlement Procedures Regime (mandatory positions closeout).
- 1.9.19. When the Exchange receives a Notice from the Clearing Organisation requesting to withdraw orders/quotes due to insufficient collateral, the Exchange shall withdraw such orders/quotes, with trading and clearing accounts indicated in the relevant Notice, in the events specified in the Clearing Rules.
- 1.9.20. A Trading Member may suspend or prematurely terminate its participation in trading. At this, the Trading Member shall be entitled to either withdraw previously placed orders/quotes, or leave them until the end of the current Trading Day (if not otherwise stipulated by decision of the Exchange).
- 1.9.21. The Clearing Rules may restrict the use of particular trading and clearing accounts/subaccounts while executing trades in the course of particular trading sessions (main trading or pre-market and after-hours trading) and/or trading periods. The Clearing Rules also may restrict the indication of particular trading and clearing accounts in particular type of orders/quotes. Non-compliant orders/quotes shall not be registered by the Exchange.
- 1.9.22. For negotiated orders, together with a short name or a Trading Member's ID the order is directed to/ID of a Trading Member which order may be considered a valid opposite order/SMA ID it allowed to indicate a Trading ID's Alias/SMA ID's Alias assigned to the relevant identifier according to procedures set in the Admission Rules.

1.9.23. Quotes:

- 1.9.23.1. Quotes shall be submitted electronically.
- 1.9.23.2. Only Trading Members of Category “P” (Liquidity Providers) are eligible to submit Quotes.
- 1.9.23.3. Quotes shall be submitted to the Trading System by means of electronic communications signed by Trading Member's SES (Trading ID).
- 1.9.23.4. Prices in Quotes for bond transactions shall be indicated as a percentage of the outstanding nominal value at the time of transaction (unless otherwise stipulated by decision of the Exchange). Prices in any other Quotes are in RUB. By decision of the Exchange, prices for individual securities or in certain Trading Mode can be quoted in foreign currencies. The list of securities, transactions in which are settled in foreign currency (foreign exchange transactions) or Trading Modes, where transactions are concluded in foreign currency, shall be established by the Exchange.
- 1.9.23.5. During trading, Trading Members are eligible to submit Quotes to the Trading System subject to the particulars described in these Rules (including the Special Parts of the Rules).
- 1.9.23.6. The Exchange may limit the list of instruments involved in transactions, Trading Mode(s), individual Trading Mode(s) periods, settlement currencies and/or combinations thereof in which Quotes may be submitted.
- 1.9.23.7. When a Quote is registered in the Trading System, the time of its placing and the code of the Trading Member placing the Quote, shall be registered automatically, and a unique identification number shall be assigned (in ascending order).
- 1.9.23.8. Details of any quote available in the Trading System cannot be changed. Changing the detail values of Quotes in the Trading System by a Trading Member shall mean withdrawal of the original order/Quote (partially fulfilled Quote) and placing of a new Quote with modified detail values, which shall be assigned a new identification number in the Trading System, and the time of its placing shall be recorded. Trading Members may cancel the Quote placed in the Trading System by withdrawing it. Withdrawal of the initial Quote (partially fulfilled Quote) shall be carried out by entering an appropriate request in the Trading System about withdrawal of the Quote, upon receipt of which such Quote shall become inactive, i.e. unavailable for changing the values of its details and placing orders (offers). Request for withdrawal of a Quote shall contain the details of the active Quote/Quotes subject to withdrawal and SES of the Trading Member placing the request about its withdrawal. When the details of several Quotes are indicated in the request of withdrawal, transfer of Quotes into inactive state shall be carried out in the Trading System in the order indicated in the request about withdrawal.
- 1.9.23.9. When transactions are executed based on Quotes, the volume and the quantity of securities in the Quote is reduced by the volume and the quantity of securities in the relevant transaction.

1.9.24. NTM Quotes

- 1.9.24.1. NTM Quotes shall be submitted electronically.
- 1.9.24.2. NTM Quote prices for transactions in bonds shall be indicated as percentage of par value of bond non-repaid at the trade execution (unless otherwise provided for by the Exchange). Other NTM Quote prices shall be indicated in RUB. By decision of the Exchange, prices for individual instruments available for trading or prices for certain Trading Mode can be quoted in foreign currencies. The list of securities, transactions in which are settled in foreign currency (foreign exchange transactions) or Trading Modes where transactions are concluded in foreign currency, shall be established by the Exchange.
- 1.9.24.3. Trading Members shall be able to submit NTM Quotes subject to specifics described in these Rules, i.a. in their Special Parts.
- 1.9.24.4. The Exchange may limit the list of instruments involved in transactions, Trading Mode(s), individual Trading Mode(s) periods, settlement currencies and/or combinations thereof for which NTP Quotes are available.
- 1.9.24.5. When an NTP Quote is registered in the Trading System, it automatically records the time of the Quote and the code of the Trading Member placing the Quote. Then the Quote is assigned a unique identification number (in ascending order).
- 1.9.24.6. Details of any NTP Quote available in the Trading System cannot be changed. Changing the detail values of NTM Quotes in the Trading System by a Trading Member shall mean withdrawal of the original NTM Quote (partially fulfilled NTM Quote) and placing of a new one with modified detail values, which shall be assigned a new identification number in the Trading System, and the time of its placing shall be recorded. Trading Members may cancel NTM Quotes placed in the Trading System by withdrawing them. Initial NTM Quotes shall be withdrawn by entering an appropriate withdrawal request in the Trading System. Once the system receives it, such NTM Quotes shall become inactive, i.e. available for NTM non-anonymous orders (offers) to be submitted with the use of such Quotes. A request for NTM Quote withdrawal shall contain the details of the active NTM Quote(s) to be withdrawn and SES of the Trading Member requesting the withdrawal. When the details of several NTM Quotes are indicated in the withdrawal request, transfer of these NTM Quotes into inactive state shall be carried out in the Trading System in the order indicated in the withdrawal request.

- 1.9.25. The Exchange shall ensure that Quotes submitted by Liquidity Providers and Liquidity Provider's confirmations for conclusion of trades and NTM Quotes are stored in the same form in which they were received within the period of five years from the date of their submission.

Subsection 1.10. Specifics of trading in bonds

- 1.10.1. When trading bonds, a Trading Members may place all order types and NTM Quotes in the Trading System, except Off-book Repo orders (shares) (if not otherwise established by decision of the Exchange).

- 1.10.2. If the Trading System displays the data of accumulated coupon income (hereinafter - ACI) per trades in bonds and there is no resolution of the Exchange that ACI on the executed transaction shall not be paid, the Buyer shall pay ACI to the Seller in the amount determined in the Trading System as of the Settlement Date of the transaction in accordance with the Decision on issue of securities and/or securities form and/or the manner prescribed by the issuer.
- 1.10.3. The Exchange may specify bonds for certain types of trades, determined by the Exchange, if in relation to them ACI is paid, and the actual settlement date of the trade (a part of the Repo Transaction) falls on a day between the record date for paying out the coupon yield and/or a part of the par value at the partial repayment of the par value (hereinafter, amortisation) for a relevant coupon period, except such date (if such list is made (fixed) on the end of the operation day) or including such date (if the list is made (fixed) on the beginning of the operation day)(if the coupon payment date and/or amortisation date coincides with the date when the next coupon period begins) or including such date (if the coupon payment date and/or amortisation date does not coincide with the date when the next coupon period begins), the Seller within 30 (thirty) days from the coupon yield payment date and/or amortisation, or within another term agreed by the parties shall transfer to the Buyer the amount in the form of the paid out coupon yield and/or a part of the par value at the partial repayment of the par value of bonds. If a Buyer shall transfer the paid out coupon yield and/or part of the par value at the partial repayment of the par value of bonds under trades executed with the settlement code Yn, such transfer shall be executed in accordance with procedures and within time determined in the Clearing Rules of a clearing organisation that clears such trades.
- 1.10.4. The Exchange sets out also further aspects with regard to the ACI calculation and payment. Where the actual settlement date of a trade (a part of a Repo Transaction) in bonds with the ACI calculated in the Trading System, falls on the record date and the Decision on the securities issue and/or the security questionnaire provides for that the next coupon period shall start on the record date, the buyer shall pay the ACI to the seller in the amount set for the new coupon period determined in the Trading System as of the actual settlement date of the trade in accordance with the Decision on the securities issue and/or the security questionnaire.
- 1.10.5. When for particular bonds and/or Trading Modes and/or types of trades for particular settlement dates of trades (parts of Repo Transactions), or for the periods the relevant settlement dates fall within the Exchange decides that for the payment and calculation of ACI the unknown rate of a coupon period (coupon yield size) the relevant settlement dates fall within shall be equal to the rate of the last known coupon (coupon yield size for the last known coupon), obligations under such trades shall not be recalculated after determining the coupon rate (coupon yield size) for the relevant coupon period.
- 1.10.6. Decision of the Exchange may establish that in case the Exchange receives information about default, including partial default, of the Issuer on payment of coupon yield or the current portion of the principal (depreciation payments), the current ACI value shall include the amount of outstanding yield, and the current nominal value of the bond shall not be reduced until the Exchange receives information about actual payments. The ACI value and the current nominal value thus received shall be used for calculation of order and transaction parameters, including current liabilities under Repo Transactions.
- 1.10.7. In case of settlement of part of the principal (amortisation payment) on bonds from the date of such payment set out in the issue documents, the nominal value shall be reduced

by the amount of the repaid part of the principal (amortisation payments), if not otherwise established by decision of the Exchange.

Subsection 1.11. Specifics of trading in securities except bonds

- 1.11.1. When trading in shares, except shares referred to in Clause 1.13.2 hereof, a Trading Member may place all types of order and Quotes in the Trading System, except off-book Repo orders (bonds).
- 1.11.2. When trading in shares referred to Clause 1.13.2 hereof, a Trading Member may place only the following orders in the Trading System: off-book order, as well as off-book Repo orders (shares) (if not otherwise established by decision of the Exchange).
- 1.11.3. When trading investment units, Depository Receipts and mortgage participation certificates, a Trading Members may place all order types referred to in Subsection 1.9 "Orders" hereof, in the Trading System, except orders, which are grounds for Repo Transactions (if not otherwise established by decision of the Exchange), and Quotes.
- 1.11.4. When trading clearing participation certificates, Trading Members are allowed to enter only orders to execute Repo Transactions with the CCP or Repo Transactions with the Bank of Russia (unless otherwise decided by the Exchange).

Subsection 1.12. Procedure of interaction with the clearing organisation. Procedure for the settlement of transactions

- 1.12.1. When a Trading Member places an order in the Trading System with settlement codes T0, Bn, Sn, Yn, Nn, Ym/Yn, Z0, X0, T0/Yn or Rb, the Exchange shall send information about the placed order to the Clearing Organisation, also for carrying out the Collateral Control Procedure pursuant to the Clearing Rules. Based on this information from the Exchange and in accordance with the Clearing Rules, the Clearing Organisation shall perform the necessary actions, and send a report to the Exchange about the possibility of registering the order or report about impossibility of such registration. In case the Exchange receives a report about impossibility of registering the order in the Trading System, the order shall not be registered.
- 1.12.2. When an order is placed to buy or sell a security with settlement code K0 during the Auction in the Block Trading Mode, the Exchange shall send information about such order to the Clearing Organisation to verify condition (status) of the trading & clearing account stated in the order. Based on this information from the Exchange and in accordance with the Clearing Rules, the Clearing Organisation shall perform the necessary actions, and send a report to the Exchange about the possibility of registering the order or report about impossibility of such registration. In case the Exchange receives a report about impossibility of registering the order in the Trading System, the order shall not be registered in the Trading System.

After determining the relevant Auction price, the Exchange shall send an inquiry to the Clearing Organisation about the possibility of concluding a transaction based on the order placed first with settlement code K0 to verify availability of coverage based on the Auction price:

- for purchase orders – for verification of availability of funds sufficient for due settlement of liabilities under the transaction, which can be concluded on the basis of this order, including ACI as of the actual settlement date in case of its

calculation in the Trading System, as well as obligations to pay commission fee on the transaction (unless other collateral control procedure is established in the Trading Rules and/or Clearing Rules).

- for sales orders – for verification of the quantity of securities sufficient for due performance of obligations under the transaction, which can be concluded based on this order.

Basing on this inquiry from the Exchange, the Clearing Organisation shall carry out the necessary actions for performing the Collateral Control Procedure in accordance with the Clearing Rules. When priority placed orders with settlement code K0 pass such procedure, the Trading System shall select valid opposite orders from among such orders, information about which shall become available to the Central Counterparty through the Trading System of the Exchange. Registration of two transactions with Trading Members, which placed these orders, is carried out at the moment of determining eligibility of the valid opposite orders.

Upon completion of each of the conducted Auctions, the Exchange shall send notification about completion of the auction to the Clearing Organisation.

1.12.3. When a Trading Member withdraws (the Exchange removes) unfulfilled orders with settlement codes T0, Z0, X0, Bn, Sn, Yn, Nn, T0/Yn, Ym/Yn or Rb from the Trading System, the Exchange shall send relevant notification to the Clearing Organisation.

1.12.4. When the Trading System registers a transaction, by fulfilling an order (full or partial) of a Trading Member in the Trading System on the results of a concluded transaction, the Exchange shall send information on a transaction conclusion to the Clearing Organisation.

A register of Repo Transactions executed based on off-book basket Repo orders is sent to the Clearing Organisation each 15 minutes (unless otherwise decided by the Exchange) during the trading session.

If the terms of the transaction and the numbers of orders under which the transaction was concluded, as contained in information on the transaction conclusion, do not match the details and the order numbers, for which the Clearing Organisation sent the Exchange reports about possibility of registering the order, the Clearing Organisation shall be entitled to advise the Exchange about invalidity of such transaction by sending notice of invalidity of the transaction.

1.12.5. When the Trading Member, the Liquidity Provider, submits a Quote to the Trading System, the Exchange shall send information about such Quote to the Clearing Organisation to verify the status of the trading & clearing account indicated in the Quote. Based on this information from the Exchange and in accordance with the Clearing Rules, the Clearing Organisation shall perform the necessary actions, and send a report to the Exchange whether the Quote can be registered or not. In case the Exchange receives a report stating the Quote cannot be registered in the Trading System, the Quote shall not be registered in the Trading System.

Before sending to the Liquidity Provider the information on the order submitted with “Additional Liquidity” attribute when its price terms cross with the active Quote, the Exchange shall send to the Clearing Organisation a request to perform collateral control procedure on the Quote. Based on this information from the Exchange the Clearing Organisation shall, in accordance with the Clearing Rules, take the necessary actions to implement such procedure and submit to the Exchange the report stating whether the

Quote meets collateral requirements or not. If the Exchange receives a report that the Quote does not meet collateral requirements, shall be withdrawn by the Exchange.

- 1.12.6. When the Trading System registers a transaction, by fulfilling an order with settlement codes T0, Z0, X0, B0, Rb, Yn, Nn, T0/Yn, Ym/Yn, S0 and K0, the Exchange shall send information on the transaction conclusion to the Clearing Organisation.
- 1.12.7. Transmission of information to the Clearing Organisation on orders containing activation date for the purposes of the Collateral Control Procedure concerning such orders shall be carried out at the time and on the date determined by decision of the Exchange. If the order does not meet the collateral requirement, it shall be removed from the Trading System. When registering transactions under such orders in the Trading System, interaction shall be carried out in the manner provided in Clause 1.12.4 hereof.
- 1.12.8. On completion of trading (trading sessions, trading in a specific Trading Mode / trading in a certain security) of each Trading Day, as well as in the case of changing the calculated and other parameters of transactions, the Exchange shall send the clearing organisation a consolidated register of trades containing information on all transactions concluded on the Exchange, as well as on transactions, the calculated and other parameters of which have been changed, the terms of which provide for Clearing by this Clearing Organisation.
- 1.12.9. On the Mark-to-Market Margin Payment Date, after completion of Collateral Control Procedure, the Clearing Organisation shall send to the Exchange information on fulfilment of liabilities to pay/claims to receive Mark-to-Market Margin (including the information on instructions to renunciate the Mark-to-Market Margin received from Repo Transactions counterparties) via the Trading System.
- 1.12.10. In the case of settlement of a trade before the Settlement Date, the Clearing Organisation shall send the Exchange a report on early settlement.
- 1.12.11. In the case of receiving a mark-to-market margin waiver from the parties to a Repo Transaction, the Clearing Organisation shall send to the Exchange the information on such waivers in a consolidated statement on the fulfilment of liabilities regarding payment of the margins. Such information shall be sent on the day the waiver is received.
- 1.12.12. After the end of the trading day on the date preceding the Settlement Date of mark-to-market margins, the Exchange shall send to the Clearing Organisation information on fulfilment of counterparties to trades liabilities to pay/claims to receive mark-to-market margins via the Trading System.
- 1.12.13. In case of default of a transaction, the Clearing Organisation shall notify the Exchange by means of a notice of default on a transaction, which provides for clearing in the Clearing Organisation.
- 1.12.14. Settlement of transactions shall be carried out pursuant to the procedures stipulated by the Clearing Rules taking into account the following:
 - 1.12.14.1. Obligations under the spot transactions with settlement codes T0, K0, Z0, X0, Y0, N0 and B0, as well as under the first legs of Repo Transactions with settlement codes Rb, Z0, X0, T0/Yn, Y0/Yn and S0,

as well as obligations to issue credit under credit agreements shall be settled on the date of conclusion of these transactions on the Exchange.

- 1.12.14.2. Obligations under transactions with settlement codes B01-Bn can be settled on any settlement day after the date of conclusion of these transactions on the Exchange except for transactions concluded in placement of securities, but not later than the respective Settlement Date, inclusive.
- 1.12.14.3. Obligations under transaction with settlement codes B01-Bn concluded in placement of securities and obligations under transactions with settlement code Yn and Nn, and second legs of Repo Transactions with settlement codes T0/Yn, Ym/Yn shall be settled on relevant Settlement Date unless otherwise provided for by the documents of the Clearing Organisations and a resolution of the Exchange.
- 1.12.14.4. Obligations under the first legs of Repo Transactions and obligations to issue credit under credit agreement with settlement codes S1-Sn, Y1/Yn-Ym/Yn and Repo Transactions executed based on off-book repo orders (GC basket repo) shall be settled on corresponding Settlement Dates of settlement of the first legs of these transactions/Credit Issue Date. At this, the counterparty shall settle its obligations under the first leg of Repo Transactions on corresponding Settlement Dates of settlement of the first leg of such Repo Transaction. In cases stipulated in the Master agreement with the Bank of Russia, first legs of Repo Transactions executed based on off-book basket repo orders may be filled partially. The Clearing Organisation that clears such trades sends information on changes in the Repo Transaction details to the Exchange.
- 1.12.14.5. Obligations under the second legs of Repo Transactions and obligations to repay credit under credit agreements with settlement codes Rb, Z0, and Sn Repo Transactions executed based on off-book repo orders (GC basket repo) can be settled on any settlement date, starting from the Settlement Date of the first legs of these transactions/Credit Issue Date, but not later than the respective Settlement Date of the second legs of these transactions/Credit Maturity Date, inclusive. Settlement date of the second leg of a Repo Transaction executed based on off-book basket repo orders may be changed by the Clearing Organisation in cases stated in the Clearing Rules.

At this, a party to the transaction, on behalf of which the order has been entered, shall settle its obligations under the second leg of a Repo Transaction on the respective Settlement Date for the second leg of such Repo Transaction, and in case of failure (default of payment obligations) of one of the parties to pay a mark-to-market margin established by the terms of the Repo Transaction, shall settle its obligations under the second leg of the Repo Transaction on the first settlement day after the respective Settlement Date of the mark-to-market margin payment, unless otherwise provided in the Clearing Rules. In case the Settlement date of the second repo leg has been changed, the obligations under that repo leg shall be settled on the new Settlement date.

- 1.12.15. In case 2 working days prior to the effective date of Exchange decision to change the Clearing Organisation engaged in clearing of transactions concluded on the Exchange, at least one of the parties to a concluded transaction has not concluded a contract for clearing services with the new Clearing Organisation, the term (date) of settlement of obligations under concluded Repo Transactions with deferred settlement shall be considered mature on the day preceding the effective date of the decision about changing the Clearing Organisation.
- 1.12.16. If the Settlement Date of a transaction does not fall on a settlement day in accordance with the Clearing Rules, the appropriate Settlement Date of the transaction shall be the first settlement date following such date. At this, obligations under the transaction shall be recalculated with account of such transfer of Settlement Date, unless otherwise established by the Clearing Rules or by a decision of the Exchange or of the Clearing Organisation.
- 1.12.17. To ensure execution and settlement of Trades the Clearing Organisation calculates risk parameters pursuant to the procedures established in the Clearing Rules and/or other internal documents of the Clearing Organisation. Each Trading Day before the start of trading the Clearing Organisation sends information on such risk parameters including the following:
- settlement price of the security;
 - haircuts;
 - indicative Repo Rate for a specific security (group of securities) and specific settlement code;
 - range of the Repo Rate variance for a specific security (group of securities) and specific settlement code.
- 1.12.18. Where a trade between the Central Counterparty and a Clearing Member is executed without associated orders being entered in accordance with the procedure established in the Clearing Rules, the Clearing Organisation shall send a Request for executing the trade containing conditions of the trade to the Exchange.
- 1.12.19. Within the Trading Day the Clearing Organisation shall provide the Exchange with information on the amount of current and estimated positions on trade and clearing accounts, which may be indicated in instructions submitted by the Trading Members' clients to the Instruction Processing Subsystem, and in orders submitted through the Subsystem for Processing Algorithmic Order Packages. Using the Trading System, every Trading Day the Exchange shall provide the Clearing Organisation with the list of relevant trade and clearing accounts prior to start of trading.
- 1.12.20. Using the Trading System, the Clearing Organisation shall provide the Exchange with information on trading & clearing accounts and particular Trading Members that held such accounts.
- 1.12.21. Where admission to clearing services is suspended for a Clearing Member during a Trading Day, the Clearing Organisation shall notify the Exchange thereof and indicate the time within the current Trading Day for clearing service suspension for such Clearing Member.

- 1.12.22. Using the Trading System, the Clearing Organisation shall provide the Exchange with information on acceptance of an order to transfer obligations and collateral for fulfilment.
- 1.12.23. Using the Trading System, the Clearing Organisation shall provide the Exchange with information on imposing/terminating the Settlement Procedures Regime (Mandatory positions closeout) towards the given Clearing Member's Settlement Code/Trading and Clearing Account.

Subsection 1.13. Rules for prevention, detection and repression of misuse of insider information and/or market manipulation, as well as measures aimed at preventing market disruptions

- 1.13.1. The Exchange uses certain control measures to prevent, detect and repress misuse of insider information and/or market manipulation in the organisation of securities trading.
- 1.13.1.1. The Exchange shall monitor orders/quotes placed on the Exchange, and transactions in securities concluded on the Exchange, as well as Trading Members, using a monitoring system that meets the requirements of laws and other regulatory acts of the Russian Federation, which shall provide for monitoring of trading, including trading monitoring aimed at identifying non-standard orders (transactions) and control over trading members and other participants of the Moscow Exchange and their verification for signs of misuse of insider information and/or to market manipulation.
- 1.13.1.2. For the purposes of monitoring placing of orders for conclusion of transactions on the Exchange and Quotes, further restriction shall be placed on the parameters of orders, exceeding which the orders/quotes shall not be registered in the Trading System, including:
- limiting Boundaries of Price Fluctuations of Securities;
 - estimated price for the purposes of determining price fluctuations;
 - minimum and/or maximum volume of order/Quote;
 - list of valid settlement codes;
 - limitation on the quantity of securities, expressed in lots and specified in the order/Quote.
- These restrictions shall be established by decision of the Exchange; whereby, a list of instruments traded and/or Trading Modes and/or Market sectors, as well as categories of Trading Members can be established, for which appropriate restrictions and other restrictions are set. Moreover, the Exchange may impose restrictions on placing of certain order types for conclusion of transactions on the Moscow Exchange.
- 1.13.1.3. The Exchange shall carry out continuous submission of information on the course of trading in securities on the Exchange to the CBR, including information on orders and Quotes placed by Trading Members and transactions concluded by them, as well as other information stipulated in the Russia's securities law.
- 1.13.1.4. A procedure shall be set up for suspension and resumption of trading in securities (a certain security or multiple securities) on the Moscow Exchange in cases and manner specified in Sub-section 1.21 hereof.

- 1.13.2. In order to prevent destabilisation of the stock market, it shall be established that if during any 40 or more Trading Days of the previous quarter, no transactions were concluded with securities admitted to trading on the Moscow Exchange, and/or if during the previous quarter transactions in securities were concluded by less than five different Trading Members, decision of the Exchange can rule that while trading in these securities, Trading Members may place only off-order book negotiated trade orders and/or orders for conclusion of Repo Transactions in the Trading System.

For the purposes of verifying compliance with this paragraph, Repo Transactions and transaction for placement of shares shall not be considered. If trading in the share was not previously conducted on the Exchange or was conducted for less than one quarter, restrictions on placing the orders/quotes stipulated in this paragraph may be applied to this share by decision of the Exchange.

The list of shares, trading in which is subject to these restrictions, shall be established by decision of the Director of the Stock Exchange and revised at the end of each quarter. If at the end of the quarter amendments are made in this list of shares, they shall come into effect not later than the 7th (seventh) day of the new quarter (unless otherwise determined by the decision of the Exchange).

- 1.13.3. For the purposes of preventing destabilisation of the securities market, market manipulation and unfair trade practices (including violations of the requirements for mandatory actions in the event of a conflict of interest, misuse of insider information), and preventing actions threatening normal operations of means of trading and software and hardware used by other Trading Members, the following actions of Trading Members affecting trading on the securities that are not conditioned by objective events can be deemed a breach of the Trading Rules:

- 1.13.3.1. Placing of an order/Quote resulting in conclusion of a transaction leading to a substantial change in one or more of the following indicators:

- pre-trading period price;
- post-trading period price;
- post-trading auction price;
- closing auction price;
- opening auction price;
- closing price;
- market price;
- weighted average price (current weighted average price)
- market price calculated according to the procedure established in laws and other regulatory acts of the Russian Federation;
- values of indexes, calculated by the Exchange.

- 1.13.3.2. Conclusion of a transaction during the trading period, the price of which differs from the current weighted average price by more than 15% for a transaction in shares and more than 5% – for a transaction in bonds or investment units.

- 1.13.3.3. Conclusion of a transaction based on an off-order book NTM order, the price of which differs from the current weighted average price of the securities by more than 20%.

- 1.13.3.4. Systematic and high-frequency submission by a Trading Member of orders/quotes (also with the use of a separate IP address, Technical Identifier, SMA Identifier, unique client code, trading and clearing account) for one or a group of instruments at its own expense or at the expense of clients, which may have an adverse effect on the means of

trading, software and hardware used by other Trading Members, the terms and means of settlements or other routine or other actions by Trading Members that threaten the means of trading or the normal operations of the means of trading or that threaten the normal operations of the software and hardware used by other Trading Members.

- 1.13.4. If a Trading Member commits actions referred to in Clause 1.13.3 hereof, the Exchange shall be entitled to send the Trading Member a request to provide documents and other information, directly or indirectly related to the transaction (order/Quote), and revealing the causes and circumstances of the transaction (placing of an order/Quote), including instructions of the Trading Member's client, which were the basis for placing the order/Quote (if the order for the transaction was placed by the Trading Member on account of the client) and to require that such trading activity may not be accepted.

The Trading Member shall submit a written explanation of its actions to the Exchange within time frames indicated in the inquiry.

When Trading Members perform the actions referred to in sub-clause 1.13.3.4. of this Part of the Rules, the Exchange may impose restrictions for them to place orders (also with the use of a separate IP address, Technical Identifier, SMA Identifier, unique client code, trading and clearing account) for up to 30 calendar days.

- 1.13.5. In case the Trading Member provides unsatisfactory explanations of its actions falling within the terms of Clause 1.13.3 hereof, or fails to provide an explanation by the Settlement Date, or fails to eliminate causes that have destabilised the market or threaten the normal course of organised trading (including normal operations of the means of trading), the Exchange shall be entitled to apply sanction to the Trading Member under Clause 1.18.9 hereof and/or appeal to the CBR.

Subsection 1.14. Indices

- 1.14.1. The Exchange computes a stock index in accordance with its methodology which is used to suspend trading (the main index).
- 1.14.2. The Main Index calculation methodology is written in collaboration with Exchange user committees.
- 1.14.3. The main index is calculated in accordance with requirements set out for it in laws and regulations, as well as the Bank of Russia's regulatory acts governing activities on the organisation of trading on the securities market. The main index methodology must be registered by the Central Bank of the Russian Federation in accordance with Russian laws and Bank of Russia's regulatory acts.
- 1.14.4. The MOEX Russia Index is the main index.

Subsection 1.15. Payment of commission fees payable for organisation of trading on the Equity and Bond Market

- 1.15.1. Trading Members shall pay commission fee payable for organisation of trading on the Equity and Bond Market of the Moscow Exchange and other types of fees for transactions concluded on the Exchange in Russian roubles and foreign currency (hereinafter – commission fees) at the rate established by the Supervisory Board of the Moscow Exchange.
- 1.15.2. The Supervisory Board of the Moscow Exchange shall be entitled in accordance with the Trading Rules to establish privileges in payment of commission fees for organiser of trading services for transactions with different instruments traded, in certain Trading Modes, or for all Trading Members of the same category on the Exchange, or for all Trading Members on the Exchange, which concluded an agreement/contract for performance of Market Maker functions.
- 1.15.3. For transactions concluded during the Main Trading Session and during pre-market and after-hours trading, the commission fee shall be deducted on the day of transaction or on the next following Settlement Day in the manner specified in the Clearing Rules.
- 1.15.4. Commission fees for transactions concluded on the Exchange in foreign currency shall be calculated at the exchange rate of the Bank of Russia as of the date of relevant transactions.
- 1.15.5. The amount of commission fee and its calculation shall be disclosed on the website of the Moscow Exchange in the manner established by resolutions of the Moscow Exchange, laws and other regulatory acts of the Russian Federation.
- 1.15.6. If deduction of commission fees in the manner specified in this Part of the Trading Rules is impossible, the commission fee is deducted pursuant to the Clearing Rules.
- 1.15.7. Penalty charges accrued in connection with default of liabilities to pay commission fee on transactions concluded in favour of the Exchange, shall be deducted from Trading Members starting from the second settlement day following the date of non-payment in the manner specified in the Clearing Rules.
- 1.15.8. Penalty charges accrued in connection with default of obligations to pay the commission fee shall be deducted from the Trading Member only after full payment of commission fees for transactions in favour of the Exchange.

Subsection 1.16. Procedure for trading to be suspended, halted or resumed

- 1.16.1. For the purpose of this Subsection a trading suspension shall be construed as a suspension of trading during the trading session and a delay in the trading start.
- 1.16.2. This Subsection governs the procedure for trading to be suspended, halted and resumed should circumstances arise which disturb or may disturb the regular way for trading, including the following: technical glitches of trading tools (including software failures); unauthorised attempt to access the trading tools; malfunctions of communication systems, power supply; act of Gods; impossibility for the Clearing Organisation and/or other organisations which may have an impact on trading to function properly.

- 1.16.3. The Exchange suspends trading if any technical glitch of trading tools occurs during any trading session which glitch impacts or may impact the course of trading for most of active Trading Members.
The Exchange is entitled to suspend trading in any other cases which include also technical glitches of trading tools other than those stated in the first paragraph of this clause (including software failures); any communications line and power failures; force majeure; impossibility for the Clearing Organisation and/or other entities which operation defines the exchange market health.
- 1.16.4. Trading may be suspended:
- due to actual impossibility for trading to be opened;
 - according to a resolution made by the Exchange.
- Trading may be suspended fully or in part.
- 1.16.5. Terms for a trading suspension to be announced:
- 1.16.5.1. If a trading suspension was caused by a technical glitch of trading tools, the Exchange shall announce the trading suspension no later than 15 minutes after the glitch was identified.
- 1.16.5.2. If trading is suspended according to a resolution made by the Exchange, the latter shall announce the trading suspension within 15 (fifteen) minutes after the resolution was made.
- 1.16.6. After conditions causing trading to be suspended ceased to have effect, trading shall be resumed. If a trading suspension was caused by a technical glitch of trading tools, the Exchange shall announce trading resumption time and provide an opportunity for Trading Members to withdraw active orders/quotes using the trading tools at least 15 minutes before the trading resumption.
If it is impossible for Trading Members to withdraw active orders/quotes using the trading tools, they are entitled to file an application on cancellation of active orders/quotes to the Exchange by phone or fax. After receiving the application, the Exchange shall remove the relevant active orders/quotes (if possible). The Exchange and the Trading Member are entitled to use phone conversations recordings while settling disputes as evidence of sending the application by the Trading Members.
- 1.16.7. If conditions causing trading to be suspended remain to have effect, the Exchange halts trading on current Trading Day.
If conditions that had caused trading to be suspended have been removed by start of the next Trading Day, the market opens on a regular basis without any specific decision from the Exchange.
- 1.16.8. Information on trading suspension, halt and resumption stipulated in this clause shall be published on the Exchange's website. Information on a technical glitch shall be sent to Trading Members in any other way (if available).
- 1.16.9. If during the current Trading Day trading has been resumed less than one hour before the end of the Main Trading Session, the Exchange is entitled to extend the Main Trading Session after the expiration of the Main Trading Session period set forth herein. Information on the extension of the Main Trading Session shall be published on the Exchange's website.

Subsection 1.17. Trading rules compliance and market data use monitoring

- 1.17.1. The Exchange monitors compliance by Trading Members with the Trading Rules and inter alia monitors transactions performed by them during the regulated trading process in accordance with the procedure prescribed in Subsection 1.12 "Procedure of interaction with Clearing Organisation. Procedure for settlement of transactions" hereof and the Clearing Rules.
- 1.17.2. For transactions concluded under settlement codes B0-Bn, Sn, and Rb, decision of the Exchange may provide for the payment of fixed compensation.
- 1.17.3. Trading Member's default on trades concluded on the Exchange may entail application to such Trading Member of sanctions provided for in Subsection 1.18 "Responsibility for violation of the on-exchange operations and market data use rules" hereof.
- 1.17.4. The event of default regarding a trade to buy/sell securities or the first leg of a Repo Transaction, or obligations to issue credit under credit agreements executed on conditions of non-centralised clearing is not the event of default for such trade if the Exchange was notified by the Clearing Organisation about the refusal of the parties to such Repo Transaction to fulfil their obligations under the trade by mutual consent before the Settlement date of the trade inclusive.
- 1.17.5. If a Trading Member gives Market Data to a Client, it must notify the Client in writing (against an acknowledgement signature) that it must use the Market Data exclusively for the purpose of the participation in trading (deciding on an order submission/non-submission, submission of orders to the Trading Member for subsequent trade execution on the Exchange, and recording Client trades in the back office systems), that Trading Member's Clients must comply with the Moscow Exchange's Market Data Usage Procedures and facilitate the Moscow Exchange in carrying out Data Audits, and that there are specific liabilities for violations committed while using Market Data that are set out in clause 1.18.5 hereof. Trading Members control that their Clients comply with Market Data usage terms and conditions while using Market Data provided to them by Trading Members, among other things, by assisting the Exchange (its representatives) in carrying out Data Audits of the Client as set out in the Moscow Exchange's Market Data Usage Procedures.
- 1.17.6. The Exchange or any person acting on behalf of it is entitled to check the correctness of use of Market Data received by a Trading Member and (or) Trading Member's Clients from the Exchange (hereinafter referred to as the Data Audit).
- 1.17.7. Trading Members and (or) their Clients are notified on the Data Audit beforehand. The Data Audit is carried out in a manner that does not create any obstacles for Trading Members to perform their professional activities.
- 1.17.8. Terms and procedure for the Data Audit to be carried out are set out in the Moscow Exchange's Market Data Usage Procedures approved by Moscow Exchange which possesses rights to use Market Data. The Moscow Exchange's Market Data Usage Procedures is posted on the Exchange's website.

Subsection 1.18. Responsibility for violation of the on-exchange operations and market data use rules

- 1.18.1. Trading Members are liable for any breach of the rules of on-exchange operations as set out in the Trading Rules and law of the Russian Federation.
- 1.18.2. A decision to apply a sanction which type and extent are set out in the Trading Rules, may be made by the Chairman of the Moscow Exchange's Executive Board subject to his/her authorities specified in the Exchange's Charter and/or trading rules, or a person authorised by the Chairman, and also by other management body as specified in the Exchange's Charter and/or trading rules.
The following violations refer to material violations of the Trading Rules:
- A Trading Member violates the procedure for using and/or distributing and/or providing Market Data (except for violations described in Sub-sections 1.17.5 and 1.18.5 hereof);
 - A Trading Member fails to settle a trade or the second part of a repo that were made with the CCP, on a day preceding the Default Date;
 - During three calendar months, a Trading Member commits multiple failures to settle off book trades not executed via the CCP;
 - A Trading Member fails to pay penalties outstanding to the Exchange within the established timeframes and amounts;
 - A Trading Member fails to meet conduct standards for settling disputes as given in Sub-section 1.12 hereof.
- 1.18.3. In case of violation by a Trading Member of the rules of on-exchange operations, such Trading Member can receive an official warning.
- 1.18.4. If a Trading Member distributes and/or gives Market Data to any third parties which are not Clients; fails to perform obligations stated in clause 1.17.5 and/or 1.18.5 hereof; uses Market Data breaching the procedure stated in clause 1.19.12 hereof, and if a Trading Member refuses to have a Data Audit, the following sanctions may be applied to such Trading Member:
- Giving a written notice of violation;
 - RUB 250,000 (two hundred fifty thousand) fine;
 - Suspending the admission to trading for up to six months;
 - Cancelling the admission to trading.
- 1.18.5. If a Client uses Market Data for purposes other than participating in trading (deciding on submission/non-submission of an order, submission of orders to a Trading Member for subsequent execution of on-exchange trades, and recording client trades in the back-office systems), or if a Client does not comply with the Moscow Exchange's Market Data Usage Procedures while using Market Data, the Trading Member must impose one of the following sanctions on such Client:
- Giving a written notice of the Market Data use violation;
 - Suspending the Market Data provision until the Client eliminates violations referred to the Market Data use;
 - Ceasing the Market Data provision.
- 1.18.6. If a Trading Member's Client refuses to have a Data Audit, the Exchange shall have the right to cancel registration in the trading system for such a Client. The Trading

Member's Client will be eligible to re-register after the Exchange carries out a Data Audit and follow-up recommendations are implemented.

- 1.18.7. One of the following sanctions can be applied to a Market Maker for failure to fulfil obligations under Para 1.6.3-1.6.4 hereof:
- pronouncement of a formal warning to a Trading Member, which concluded an agreement/contract with the Exchange for performance of Market Maker functions;
 - withdrawal of a Trading Member's Market Maker status (with unilateral termination of the relevant agreement/contract);
- 1.18.8. One of the following sanctions can be applied to a Trading Member for committing actions referred to in Para 1.13.5 hereof:
- formal warning;
 - fine in the amount of the rouble equivalent of USD 300.00 for the first established breach. The amount of the fine shall be increased by 50% for each repeated breach, but not more than USD 3,000.00. The fine shall be payable to the Exchange;
 - suspension of the admission to trading for up to 3 months;
 - termination of the admission.
- 1.18.9. One of the following sanctions can be applied in the event of Trading Member's default on a trade executed by such Trading Member, including on the Settlement Date (except cases set out in Clause 1.18.11 hereof):
- formal warning;
 - suspension of the admission to trading in specific Trading Modes/Market Sections or to the conclusion of transactions with specific settlement codes;
 - suspension of the admission to trading for up to 3 months;
 - termination of the admission to trading.
- 1.18.10. In the event of Trading Member's default on a trade executed by such Trading Member in the Trading Mode "Placement: auction" as part of the placement (further placement) of bonds for which the Bank of Russia acts as the General Agent one of the following sanctions is applied to such Trading Member on the Settlement Day (hereinafter, "Default at Auction"):
- suspension of the admission to placements (further placements) of bonds for which the Bank of Russia acts as the General Agent which are carried out through Trading Mode "Placement: auction", for 90 calendar days, if a Default at Auction occurred twice in three months;
 - suspension of the admission to placements (further placements) of bonds for which the Bank of Russia acts as the General Agent which are carried out through Trading Mode "Placement: auction", for six months, if a Default at Auction occurred three times in three months.
- 1.18.11. If the Trading Member has failed to pay fines to the Exchange fully and timely in accordance with the present Subsection of the Trading Rules, the Exchange may take the following measures:
- suspend the admission of such Trading Member to trading until the Trading Day following the date of receipt by the Exchange of confirmation about payment of the fine;
 - terminate the admission of such Trading Member to trading.

- 1.18.12. Failure to perform payment of commission fee fully and timely shall entail one of the following sanctions applied to the Trading Member:
- Payment of a penalty in the amount of 2% of the due commission fee for each day of delay;
 - Suspension of admission of the Trading Member to trading until the Trading Day following the date of receipt by the Exchange of confirmation about payment of the commission fee;
 - Termination of the admission to trading.
- 1.18.13. Recovery of the Trading Member's penalty as provided in Para 1.18.13 hereof shall be carried out in the manner prescribed in the Clearing Rules.
- 1.18.14. The fine charged by the Exchange to Trading Members shall be paid within 5 banking days from receiving a fine notification by the Trading Member unless other procedure was specified by the Exchange.
- 1.18.15. Fines payable to the Moscow Exchange for trades denominated in foreign currency shall be paid in Russian roubles at the exchange rate set by the Bank of Russia as on the date of the decision to fine the Trading Member.
- 1.18.16. Default on a trade with settlement codes B0-Bn, Yn and Nn, or obligations under the first and/or second leg of a Repo Transaction due to a suspension/halt of trading in the securities on the Exchange, including, in connection with the conversion, merger of issues or early redemption of the securities, constituting the subject of the Trading Member's obligations under the transaction concluded on the Exchange shall not represent a violation of the Trading Rules, punishable in accordance with the Trading Rules, if such suspension/termination of trading in the securities caused such inability to perform obligations under the concluded transaction in the manner prescribed by the Trading Rules and the Clearing Rules.
- 1.18.17. One of the following sanctions can be applied to Trading Members for breaching the procedure for settlement of disputes established in Subsection 1.20 "Settlement of Disputes" hereof:
- Pronouncement of a formal warning to Trading Members;
 - Suspension of admission to trading for a period established by a resolution of the Exchange;
 - Termination of the admission to trading.

Subsection 1.19. End-of-day results. Market data

- 1.19.1. No later than one hour after the end of trading (trading sessions), the Exchange shall conduct reconciliation of transactions concluded on the Exchange, with the data on deals transferred during trading (trading sessions) from the Trading System of the Exchange to the Clearing Organisation in accordance with bylaws of the Moscow Exchange and the Clearing Rules.
- 1.19.1.1. While carrying out reconciliation of transactions the Exchange shall verify the terms of transactions registered in the Trading System and included in the transaction register on completion of trading (trading sessions), for their compliance with the terms of transactions, for which data were sent to the Clearing Organisation at the time of their conclusion.

1.19.1.2. If such reconciliation reveals transactions that do not meet the requirements of the Trading Rules, the Exchange may decide to cancel the results of trading (trading sessions) (partially or completely).

1.19.2. Disclosure by Trading Members of current information on trades (trading sessions), as well as information about the results of trading (trading sessions) (including the reporting documents on the results of trading (trading sessions)) shall be carried out in accordance with requirements of the Exchange's trading rules, laws and other regulatory acts of the Russian Federation.

Formats of and requirements for content of end-of-day reports are determined by the Exchange. The forms of these documents may be supplemented by individual calculations, including by an amount of the rebate provided for in the service conditions, and/or information indicators. At this, Trading Members shall be provided only with information not relating to insider information, and/or in-house information, and/or commercial secrets.

Disclosure of information contained in the order register and transaction register, not relating to insider information, and/or in-house information, and/or commercial secrets, shall be performed only to Trading Members, except in cases where the provision of such information shall be performed subject to requirements of legislation or other regulatory acts of the Russian Federation.

The Exchange is entitled to provide information on a name of a Trading Member having placed a valid opposite order under a related trade executed by the Central Counterparty on a written request of a Trading Member, provided that the Exchange has received a written consent of such Trading Member to make this information available. In some cases, the Exchange is entitled to provide information on a name of counterparty, or a Trading Member having placed a valid opposite order, without their written consent obtained. The request of the Trading Member shall include references of trades regarding which information on the counterparty is needed and reasonable explanation for requesting such information.

1.19.3. The Exchange draws up and provides each Trading Member with information within terms and in scope as defined in the laws and other legislative acts and regulations of the Russian Federation and the Trading Rules.

1.19.4. Upon completion of trading and/or trading session and/or trading in separate Trading Mode and/or completion of certain periods of the relevant Trading Mode, and/or the process of summarising the results of trading in relevant Trading Modes, the Trading System shall create the following reporting documents for each Trading Member:

1.19.4.1. Extract from the transaction register showing all transactions concluded by the Trading Member during the Trading Day and/or trading session and/or a separate Trading Mode and/or period of a Trading Mode;

1.19.4.2. Extract from the order register showing all orders placed by the Trading Member during the Trading Day and/or a separate Trading Mode and/or period of a Trading Mode (shall be provided on written request of the Trading Member);

1.19.4.3. Extract on the Trading Member's liabilities on payment of compensation;

1.19.4.4. Notification about the need to pay mark-to-margin margin if such liability arises;

- 1.19.4.5. Extract from the register of offers specifying deposit orders placed by the Deposit Market Trading Member in a Trading Day and/or trading session and/or trading mode, following which the Central Counterparty concluded a relevant Repo Transaction and assumed the obligation to ensure proper conditions to conclude a deposit agreement, as well as on corresponding Repo Transactions;
- 1.19.4.6. Extract from the register of quotes where all Quotes and NTM Quotes submitted by Trading Members during trading are summarized.
- 1.19.4.7. In addition to reporting documents specified in this clause, the Trading System shall create the following report documents:
- If the Repo Amount is changed, the Exchange shall send Trading Members Notification about change of settlement parameters of the Repo Transaction at the end of the Trading Day preceding the commencement date of the next coupon period on bonds, in which the Repo Transaction was concluded, or the date set by decision of the Exchange.
 - On completion of the call phase in Trading Modes "Placement: Off-book Orders", "Redemption: Address the application", "Placement: Auction," "Redemption: Off-book Orders", a Consolidated Order Register shall be sent the Issuer and/or the Trading Member, acting on instructions of the Issuer. In case of conducting an auction at the request of the Bank of Russia in Trading Mode "Placement: Auction", on completion of the call phase, a Consolidated Order Register (Type 2) shall be sent to the Bank of Russia; it may be also sent to the Issuer and/or Trading Member acting on instructions of the Issuer.
 - On completion of the call phase in Trading Mode "Repo with the Bank of Russia: Repo Auction", a Consolidated Order Register (Repo Auction) shall be sent to the Bank of Russia.
 - On completion of the call phase in Trading Mode "Repo Auction", a Consolidated Order Register (Repo Auction) (the form is provided in Appendix No. 7A hereto, the electronic document format – in the Appendix No. 9 hereto) shall be sent to the Trading Member, acting on its own behalf and on account of the Issuer.
 - Extract from the register of received off-book orders (extract from the order register containing information on off-book orders received by the Trading Member) showing all off-book orders received by the Trading Member during the Trading Day (shall be provided on written request of the Trading Member).
- 1.19.5. Reporting documents referred to in Sub-section 1.19.4 hereof shall be sent in electronic form in accordance with EDM Rules, except for the Consolidated Order Register, Consolidated Order Register (Type No.2) and Consolidated Order Register (Repo Auction), which can be provided simultaneously both in hard copy and electronic format. Delivery of reporting documents shall be deemed duly performed on their formation and forwarding in electronic format in accordance with EDM Rules.
- 1.19.6. Trading Members can be issued reporting documents in hard copy upon written request.
- 1.19.7. If errors are found in previously sent reporting documents (in electronic format) Trading Members shall be sent an "Error Notification" e-document.

- 1.19.8. The list of documents, place formats, electronic document formats, as well as categories of e-documents in accordance with EDM Rules are determined by the Exchange in a specific document to be published on the Moscow Exchange’s website.
- 1.19.9. In accordance with the laws and other regulatory acts of the Russian Federation, the Exchange shall keep a register of orders placed by Trading Members and having the status of registered orders (hereinafter – order register). The register of orders placed for each day when trading is conducted shall be formed in electronic format after completion of trading and shall contain the following information:
- ID number of the order;
 - Unique order code assigned at order entry;
 - order type;
 - indication that the order was placed pursuant to Market Maker obligations, if the order was placed pursuant to such obligations;
 - indication that the orders was placed in connection with the fulfilment of obligations under the Agreement with the issuer;
 - number of the aggregate CCP repo order (for limit CCP repo orders registered through the aggregate CCP repo order);
 - priority securities (if indicated in the order);
 - direction of the order;
 - name of the security or name (code) of the GC basket, and security selection privilege (if any);
 - price of one security if indicated, or the price of the first leg of a Repo Transaction if calculated;
 - order size (contract price, deposit/credit amount);
 - limit-price if indicated (for QB orders);
 - amount of securities (if available);
 - visible quantity of securities;
 - Repo rate (for Off-book Repo orders (shares), off-book Repo orders (bonds), limit orders for executing a Repo Transaction with the CCP, market orders for executing a Repo Transaction with the CCP and off-book orders for executing a Repo Transaction with the CCP), or interest rate (for deposit orders), or credit agreement rate (for credit agreement orders);
 - Repo amount, including ACI (subject to its calculation for the securities) or excluding ACI;
 - initial value of the haircut (for orders for Repo Transactions on the basis of non-central clearing) or the haircut (for orders for Trades T+ in the Trading Modes “Repo with the CCP – Off-book Orders” and “Repo with the CCP – Order Book Orders” and “Repo with the CCP – Symmetric Auction”);
 - tenor of the Repo Transaction or flagged with the “ Open Repo” attribute (for orders for Repo Transactions based on non-central clearing);
 - maximum haircut limit (for orders for Repo Transactions based on non-central clearing);
 - minimum haircut limit (for orders for Repo Transactions based on non-central clearing);
 - rate of fixed compensation (if available in the order);
 - code of a Trading Member, which placed the order;
 - ID of a Clearing Member on which behalf the trade under the order is to be executed (ID of a Clearing Member-Clearing Broker for orders placed with the indication of a clearing broker);

- code of a Trading Member's client, on account of which the order was placed, and the code of the Operator's (Manager's) client (clients), which is a client of the Trading Member, on account of which the order was placed;
- trading and clearing account number;
- the ID of a Trading Member the order is directed at (for orders, negotiated between two participants) or the code of the Trading Member, whose order may be considered a valid opposite order (in case an off-order book order is placed for the conclusion of a transaction on unified clearing terms);
- date and time of placing an order in the Trading System;
- result of placing an order (state of the order);
- reason for the order cancellation;
- accrued coupon yield (for transactions with bonds);
- term of fulfilment of the order;
- date and time of withdrawal of the order;
- date and/or time of activation of the order (for applications in Trading Modes "Placement: Auction", "Placement: Off-book Orders", "Redemption: Auction", "Redemption: Off-book Orders", "Settlement of derivatives contracts");
- order attribute "Trade without full prefunding/compensation" (applied to orders placed in trading modes "Placement: Off-book Orders", "Placement: Auction", "Redemption: Off-book Orders", "Redemption: Auction", if applicable);
- settlement code (settlement type);
- Trading Member ID
- Trading ID (Trading Member's SES);
- SMA Identifier (in case of order-based bid submitting using SMA Identifier);
- reference.

Indication that the order was placed pursuant to Market Maker obligations, if the order was placed pursuant to such obligations, shall be an additional parameter in the Trading Member's order – "Market Maker order".

An order shall be deemed placed in connection with the fulfilment of obligations under the Agreement with the issuer (person obliged to securities, management company of a mutual fund) if it is flagged with an additional tick "Price Maintenance" («Поддержание цен»).

1.19.10. In accordance with the laws and other regulatory acts of the Russian Federation, the Exchange shall keep a register of transactions (register of contracts) concluded by Trading Members (hereinafter – transaction register). The register of transactions concluded for each day when trading is conducted shall be formed in electronic format after completion of trading and shall contain the following information:

- ID number of the transaction;
- Date and time of registration of the transaction in the Trading System;
- deposit repayment/credit maturity date;
- order type based on which the transaction was concluded or indication of the Quote;
- indication that the transaction was concluded based on an order placed pursuant to Market Maker obligations, if the order was placed pursuant to such obligations;
- codes of Trading Members having entered the relevant orders, or code of a Trading Member having entered the relevant order with the indication that the transaction was concluded with Central Counterparty, if the transaction was concluded with the Central Counterparty;

- IDs of Clearing Members on which behalf the trade was executed (ID of a Clearing Member-Clearing Broker for trades executed under the orders placed with the indication of a clearing broker);
- codes of Trading Members' clients, on account of which the transaction was concluded, and the code of the Operator's (Manager's) client (clients), which is a client of the Trading Member, on account of which the order was placed;
- trading and clearing account number;
- name of the Issuer (names of the asset management company and the mutual fund, name of the mortgage collateral manager and specific attribute of the mortgage-backed participation certificates), kind, category (type) and series of the security to be sold or bought, or the name (code) of the GC basket and security selection privilege (of any);
- nominal value of one security (unpaid portion of principal), if any;
- price of one security (or the price of the first leg of a Repo Transactions subject to its calculation);
- amount of the transaction (transaction volume, deposit/credit amount);
- Repo amount, including ACI (subject to its calculation for the securities) or excluding ACI;
- initial value of the haircut (for orders for Repo Transactions based on non-central clearing) or the haircut (for orders for Trades T+ in the Trading Modes "Repo with the CCP – Off-book orders" and "Repo with the CCP – Order Book Orders" and "Repo with the CCP – Symmetric Auction");
- tenor of the Repo Transaction or flagged with the "Open Repo" attribute (for orders for Repo Transactions based on non-central clearing);
- maximum haircut limit (for orders for Repo Transactions based on non-central clearing);
- minimum haircut limit (for orders for Repo Transactions based on non-central clearing);
- quantity of securities;
- accrued coupon yield (for transactions with bonds);
- Repo rate (for Repo Transactions), or interest rate (for deposit agreements), credit agreement rate (for credit agreements);
- rate of fixed compensation (if available);
- numbers of orders or the order and the Quote based on which the transaction was concluded;
- amount of the Exchange's commission fee, paid on the transaction;
- settlement code (settlement type);
- Trading Member ID;
- Trading ID (Trading Member's SES);
- SMA Identifier (in case of order- and bid-based transaction executed using SMA Identifier);
- reference.

Indication that the transaction was concluded based on an order placed pursuant to Market Maker obligations, if the order was placed pursuant to such obligations, shall be an additional parameter used by the Trading Member – "Market Maker order".

Indication that the transaction was concluded by the Central Counterparty shall be conclusion of the transaction in the Main Trading Mode, "IIR Sector – Main Trading Mode", "Odd Lot" Trading Mode, "Bonds D– Main Trading Mode", Block Trading Mode, "Main Trading Mode T+" or, if the transaction was concluded in other trading modes, indication of the Central Counterparty's code.

1.19.11. The Exchange shall keep a register of offers containing information on deposit orders under which the Central Counterparty concluded a corresponding Repo Transaction and assumed the obligation to ensure proper conditions to conclude a deposit agreement, as well as on corresponding Repo Transactions. The register of offers placed for each day when trading is conducted shall be formed in electronic format after completion of trading and shall contain the following information:

- ID number of deposit order;
- ID number of offer;
- ID number of corresponding Repo Transaction(s);
- deposit order type;
- deposit order type;
- type of order(s) under which Repo Transaction(s) is/are concluded;
- code of the Deposit Market Trading Member who placed the deposit order;
- code of the Trading Member who concluded the Repo Transaction, and indication that the trade is concluded with the Central Counterparty;
- codes of Trading Members' Clients on whose account the Repo Transaction is concluded;
- name of the instrument in the Repo Transaction;
- offer size (cash amount equal to the REPO Amount in the corresponding Repo Transaction, which is the maximum deposit amount);
- REPO Amount, including ACI (if calculated for the security) or excluding ACI, for Repo Transactions with CCP;
- interest rate;
- settlement code;
- Exchange's fee;
- Trading Member ID;
- Trading ID (Trading Member's SES);
- reference.

1.19.12. The Exchange owns all information related to the course and results of trading (trading sessions) on the Exchange. Trading Members use Market Data given by the Exchange to participate in exchange trading (i.e. to decide to submit/not submit orders, announce (enter) orders and execute trades, record trades in the back-office systems, reconcile, and settle to maintain the participation in trading) without an agreement for information services executed with the Exchange, except for non-display usage as established in the Moscow Exchange's Market Data Usage Procedures. Non-display usage of Market Data, usage of Market Data to calculate derived indicators (digital data, including indices and indicators calculated based on the Market Data) for the purpose of onward dissemination, and any other usage of Market Data by Trading Members or their Clients for the purposes other than participation in trading and other than those set out in these Rules is only permitted subject to relevant agreement for information services with the Exchange and provisions of the Moscow Exchange's Market Data Usage Procedures".

If a Trading Member has not signed relevant agreement for information services with the Exchange, it or its Clients shall be responsible in accordance with clause 1.18.4-1.18.6 hereof, for distribution and/or provision of Market Data by itself and/or its Client; use Market Data by itself and/or its Client to calculate derived data (numerical data including indices and indicators computed based on Market Data) intended for subsequent distribution; and in any other cases not stipulated in the Trading Rules.

The Trading Rules are not considered to be violated where a Trading Member provides Market Data to its Client to the extent required for the participation in trading as stated

in clause 1.17.5 hereof, and Market Data with trading results referred to trades executed on behalf of such Client, except for non-display usage as established in the Moscow Exchange's Market Data Usage Procedures.

The above-stated requirement to execute an agreement for information services executed with the Exchange to use Market Data for purposes not referred to the participation of trading on the Exchange, shall not be applied to the category "A" Trading Members where they use Market Data to the extent of their functions set out in the legislation of the Russian Federation.

1.19.13. The extent of information related to the course and outcome of trading on the Exchange, the procedure and terms and conditions of its disclosure by the Exchange to Trading Members, are determined by the laws and other regulatory acts of the Russian Federation and Exchange's trading rules and the Procedure for using the Exchange's information.

1.19.14. For information purposes, end-of-day reports sent to Trading Members, shall contain information on the price of the first and/or second leg of the Repo Transaction and/or the volume of Repo Transactions (exclusive of Repo Transactions made subsequent to off book GC basket repo orders). The calculation of these values shall be carried out in accordance with the following:

The price of the first leg of a Repo Transaction shall be calculated as follows:

$$P_1 = S / Q, \text{ where}$$

P_1 – price for one security in the first leg of the Repo Transaction;

S – the Repo Amount, less the ACI amount, as of the Settlement Date of fulfilment of the first leg of the Repo Transaction (for securities denominated in a foreign currency other than the Repo Transaction currency it shall be calculated based on the exchange rate set by the Bank of Russia as of the trade date);

Q – the quantity of securities;

For information purposes, ACI shall be calculated daily proceeding from the current foreign exchange rate.

At this, re-calculation of the price of the first leg of the Repo Transaction for the purposes of reflecting the current foreign exchange rate before the Settlement Date of the first leg inclusive shall not be performed.

The price of the second leg of a Repo Transaction shall be calculated every day until the Default Date of the Repo Transaction using the following formula:

$$P_2 = S_2 / Q, \text{ where}$$

P_2 – price for one security in the second leg of the Repo Transaction;

S_2 – the cost of repurchase, less the amount of ACI.

For information purposes, ACI shall be calculated daily proceeding from the current foreign exchange rate.

Q – the quantity of securities;

The calculation accuracy of settlement prices of the first and second legs of a Repo Transaction in securities shall match the values established for these securities in other modes of Repo Transactions.

In addition to calculating the price of the first and second legs of a Repo Transaction, a technological calculation of volume shall be carried out as follows:

$$V = P * Q, \text{ where}$$

V – volume;

P – calculated price;

Q – the quantity of securities.

Prices of the first and second legs of Repo Transactions executed in the Trading Modes

“Repo with the CCP – Order book orders”, “Repo with the CCP – Off-book orders”, “Repo with the CCP – Symmetric Auction” and “Repo with the CCP – Auction” shall not constitute conditions of the relevant Repo Transaction. Such prices shall be calculated for information purpose according to the following formulae:

$$P_1 = (S - At * Q) / Q, \text{ where}$$

P_1 - price for one security in the second leg of the Repo Transaction;

S - repo amount;

Q - quantity of securities;

At - ACI as for one security as of the repo first leg settlement date (provided that ACI is calculated for this security).

$$P_2 = S_2 / Q, \text{ where}$$

P_2 – price for one security in the second leg of the Repo Transaction;

S_2 – the cost of repurchase, less the amount of ACI.

Q – quantity of securities.

For Repo Transactions executed in the Trading Modes “Repo with the CCP – Order Book Orders”, “Repo with the CCP – Off-book Orders” and “Repo with the CCP – Symmetric Auction” volume is calculated as the repo amount less the ACI amount:

$$V = S - N;$$

V - volume;

S – repo amount;

N – ACI.

1.19.15. The Exchange registers all orders received from Trading Members as required by laws and regulations of the Russian Federation.

Data of orders submitted by Trading Members but not registered in the order register (non-registered orders) is kept in the transaction register.

The transaction register is generated in electronic format after the end of the Trading Day. Such register includes data of order unique code, data and time of recording the order and reasons for the order registration rejection.

Orders are rejected for the following reasons:

- The order results in a cross agency trade;
- the market maker order has inappropriate details;
- Order format is incorrect;
- Inappropriate combination of order details for a specific mode/period;
- Inappropriate details of the order;
- Inappropriate client code;
- Inappropriate terms of a valid counter order;
- The Clearing House has reported that the order cannot be registered;
- Insufficient scope of privileges of the Trading Member/Trading ID;
- Maximum number of orders/order volume has been reached;
- The market is closed;
- Counterparty limits have been reached.

Additional information on reasons for an order rejection is given to the Trading Member online via the Trading System.

At the request from a Trading Member, the Exchange provides it with an extract from the order register with regard to orders submitted by the Trading Member to the Exchange’s Trading System. Such extracts are provided in accordance with the procedure specified in Russian law and regulations within one month from the date of request.

1.19.16. The Exchange keeps a register of all Quotes and NTM Quotes submitted by Liquidity Providers. The register of Quotes and NTM Quotes contains the following information:

- ID number of the Quote or NTM Quote;
- Quote or NTM Quote direction (to buy or to sell);
- name of security;
- security price;
- Quote or NTM Quote volume (contract price), if indicated;
- Quantity of securities (if indicated in the Quote or NTM Quote);
- code of a Trading Member submitting the Quote or NTM Quote;
- code of a Trading Member's client indicated in submitting the Quote or NTM Quote (if the client is indicated);
- trading and clearing account used to submit the Quote or NTM Quote (if indicated);
- date and time of registering the Quote or NTM Quote in the Trading System;
- result of submitting the Quote or NTM Quote (status of the Quote or NTM Quote as of time of withdrawal);
- reason for the Quote or NTM Quote cancellation;
- accrued coupon yield (for Quotes or NTM Quotes in respect of bonds);
- Quote execution time;
- date and time of the Quote or NTM Quote withdrawal;
- settlement code (if indicated);
- Trading Member's ID;
- Trading Member ID (Trading Member's SES)
- SMA Identifier (in case the Quote or NTM Quote based on the instruction is submitted using SMA Identifier);
- Reference.

Quotes/NTM Quotes are rejected for the following reasons:

- Price terms of the Quote cross with an opposite Quote or Order;
- Inappropriate details of the Quote or NTM Quote;
- Quote or NTM Quote format is incorrect;
- Inappropriate combination of Quote or NTM Quote details for a specific mode/period;
- Inappropriate client code;
- Refusal to accept the offer under the Quote (including expiry of offer acceptance time);
- The Clearing Organisation has reported that the Quote cannot be registered;
- The Clearing Organisation has reported that collateral requirements are not met;
- Insufficient scope of privileges of the Trading Member/Trading ID;
- Maximum number of Quotes/Quote volume has been reached;
- The market is closed.

1.19.17. The Exchange shall reissue statements/documents listed herein and documents on the trading results, including those in respect of one or several instruments for a certain period when so requested by the Trading Member, when the Trading Member's request to provide statements/documents for the period exceeding 30 calendar days from the request receipt date, or to issue the respective reporting documents in hard copy is received by the Exchange, on a fee-paying basis. The Exchange determines the procedure for issuing reporting documents against a fee and the amount of the fee and discloses it on its website.

Subsection 1.20. Settlement of disputes

- 1.20.1. All civil disputes and disagreements arising in connection with activities on the Moscow Exchange in accordance with the Trading Rules, conclusion, amendment and termination of transactions on the Moscow Exchange, declaration of transactions void or null, as well as fulfilment of obligations arising from transactions concluded on the Moscow Exchange or in connection therewith, shall be considered and resolved by the Arbitration Centre at the Russian Union of Industrialists and Entrepreneurs (RSPP) in accordance with its Rules of Procedure then in force (hereinafter, the “Arbitration Tribunal”).
- 1.20.2. Awards of the Arbitration Tribunal shall be considered by the parties final, binding and are not subject to challenging. If an award of the Arbitration Tribunal is not executed voluntarily, it shall be enforced in accordance with legislation of the Russian Federation or legislation of the country of enforcement and international treaties.
- 1.20.3. Trading Members shall be required to make all possible efforts to ensure that the dispute is resolved within the shortest possible time. To this end, Trading Members shall be required to perform actions necessary for arrangement of arbitration membership within the shortest possible time, to ensure timely delivery to the arbitration court of case statements, evidence and other documents and/or materials necessary for settlement of the dispute.
- 1.20.4. Trading Members shall refrain from actions aimed at ungrounded delay of the examination procedure by the Arbitration Tribunal.
- 1.20.5. In case a dispute is submitted for settlement to the Arbitration Tribunal, Trading Members endeavour to facilitate settlement of the dispute by concluding an amicable settlement agreement. In case proceedings result in an amicable settlement agreement, Trading Members shall faithfully and rigorously abide by the concluded settlement agreement.

Trading Members shall be required to implement awards and rulings of the Arbitration Tribunal within the shortest possible time. Trading Members shall be required to refrain from actions aimed at unwarranted delay in the procedure of implementing awards and/or rulings pronounced by the Arbitration Tribunal.

Subsection 1.21. Procedure for trading suspension and resumption upon the occurrence of situations defined in the laws and other regulatory acts of the Russian Federation

- 1.21.1. Trading on the Exchange shall be suspended upon occurrence of conditions which are grounds for suspension/termination of trading in accordance with the laws and other regulatory acts of the Russian Federation, except for cases where the Exchange runs a Discrete Auction instead of the suspension. The Discrete Auction shall be run according to the procedure set forth in Special Part 2 of the Trading Rules. Notice of suspension of trading shall be sent to Trading Members through the Trading System. The Exchange makes a resolution to suspend trading in units of an exchange-traded mutual fund and other securities of exchange-traded mutual fund should state of the organised (regulated) markets or other market conditions have changed that may impact considerably the ability of a Trading Member being the Market Maker for the units of such exchange-traded mutual fund to perform the market making functions.
- 1.21.2. Trading in specific securities shall be suspended on the first day of its circulation on the Exchange until the end of the current Trading Day in case of an increase or decrease of the market price of the securities as compared to the estimated price for the purposes of determining securities price fluctuations, by more than 20%.

- 1.21.3. In case of suspension of trading in accordance with Clause 1.21.1 of this Subsection, trading shall be resumed upon the expiration of a period set forth in the laws and other regulatory acts of the Russian Federation except for cases stipulated by the laws and other regulatory acts of the Russian Federation when trading shall be resumed based on an order of the CBR.
- 1.21.4. In case of suspension of trading in accordance with Clause 1.21.1 of this Subsection, the CBR shall be immediately notified about suspension of trading on the Exchange, and not later than the next business day, shall receive a briefing paper about all cases of suspension (termination) of trading, containing date required by the laws and other regulatory acts of the Russian Federation.
- 1.21.5. In the event of price instability of securities, trading in specific securities can be suspended in all Trading Modes/Market Sections or in a specific Trading Mode/Market Section by decision of the Exchange. In this case, all unfulfilled orders placed in relevant Trading Modes/Market Sections and still present in the Trading System at the time of suspension of trading, shall be withdrawn from the Trading System. Trading in securities shall be resumed on expiration of the suspension period, unless otherwise decided by the Exchange.
- 1.21.6. Trading in separate securities may be suspended in all Trading Modes/Market Sections, or in a specific Trading Mode/Market Section by decision of the Exchange in case of violations mentioned in Clause 1.13.3 hereof. In this case, all unfulfilled orders placed in relevant Trading Modes/Market Sections and still present in the Trading System at the time of suspension of trading, shall be withdrawn from the Trading System. Trading in securities shall be resumed on expiration of the suspension period, unless otherwise decided by the Exchange.

Subsection 1.22. Procedure for using SES and procedure for technical appraisal

- 1.22.1. Trading Member's SES shall be the Trading ID assigned to such a Trading Member, SES of an organisation performing the functions of the Central Counterparty Central Counterparty's SES) shall be the Trading ID assigned to such an organisation, which allow for unambiguous identification that an order or other electronic communication originates from such Trading Member or Central Counterparty, to which the Trading ID was assigned.
- 1.22.2. The procedure for using SES:
- 1.22.2.1. Simple electronic signature (SES) shall be used for placing (sending) the following electronic communications to the Trading System and shall be their requisite:
- orders;
 - instructions for order/quotes withdrawals;
- For the purposes of providing for technical appraisal due to contesting by Trading Members of the fact of registration of instructions on withdrawal of orders/quotes in the Trading System, the Exchange shall keep a register of instructions on withdrawal of orders/quotes.
- 1.22.2.2. During trading, the Exchange shall provide securities and integrity of the Trading Member's orders and other electronic communications by utilising a complex of organisational and technical measures, which shall include but not be limited to the following:

- usage by the Technical Centre of specialised software and hardware, providing unambiguous identification of the Trading Member's and Central Counterparty's workplace (aggregate of software and hardware intended for use by a Trading Member to take part in trading) by IP-address, as well as protection of information against unauthorised access;
 - usage by Trading Members of and the Central Counterparty of the Trading ID to check the technical access to Trading System authorisation;
 - usage of a special technology for registration of orders/quotes in the Trading System, eliminating the possibility of altering the conditions of orders after their registration (using SES);
 - usage of a special procedure for communication of data on the Trading ID and password to the Trading Member and Central Counterparty, designed to protect such information from unauthorised access;
- 1.22.2.3. Electronic communications referred to in Clause 1.22.2.1 of this Subsection shall be considered signed by SES from the moment of their forwarding to the Trading System subject to successful passage of the authentication procedure (procedure for confirmation of SES ownership) as defined in this Subsection.
- 1.22.2.4. Receipt of an electronic communication signed with SES shall be considered equal to receipt of a document of identical content signed with the handwritten signature of the authorised person and shall result in analogous consequences
- 1.22.2.5. Assigning of the Trading ID to a Trading Member and the Central Counterparty shall be carried out according to the Procedure established in the Admission Rules or in the Integrated IT Service Agreement with the Technical Centre. Information on assigned Trading IDs shall be treated as confidential. The Trading Member or Central Counterparty shall provide observance of confidentiality requirements and shall bear the risk of consequences caused by breach of such requirements
- 1.22.2.6. The authentication procedure shall be conducted by the Technical Centre using the Trading System when the Trading System is logged into from the remote workplace of the Trading Member or Central Counterparty by matching the entered Trading ID, password and IP-address of the Trading Member's or the Central Counterparty's remote workstation with information stored in the Trading System database. In case of successful passage of the authentication procedure, the Trading Member or Central Counterparty shall receive the possibility of carrying out operations in the Trading System.
- 1.22.2.7. When communications referred to in Clause 1.22.2.1 hereof are formed by the authorised person, they are signed by the relative SES.
- 1.22.2.8. The extract from the register of entered orders, register of quotes and the extract from the register of Central Counterparty Conformations sent to the Trading Member or Central Counterparty, accordingly, shall contain information that the orders/quotes or Central Counterparty Conformations were signed by the relevant SES by displaying a corresponding mark. The procedure for creating and sending the above documents to the recipient shall be established in Subsection 1.19 "Summarising trading results. Stock Exchange Information" hereof.
- 1.22.2.9. Trading Members and the Central Counterparty agree that the Exchange may create (print out) copies of electronic communications signed with SES: extracts from the register of entered orders, extracts from the register

of quotes and/or extracts from the register of Central Counterparty Confirmations forwarded according to the procedure established in Subsection 1.19 "Summarising trading results. Stock Exchange Information" hereof, as well as extracts from the register of instruction on withdrawal of orders/quotes, which are certified by the signature of the authorised person and shall represent indubitable evidence of placing an order/quote in the Trading System and/or forwarding of instructions on withdrawal of an order/quote from the Trading System, as well as confirm compliance of the electronic form of the mentioned documents with the content of copies of such documents created (printed out) on paper media.

1.22.2.10. Trading Members and the Central Counterparty agree that all conflicts arising in respect of using SES shall be settled out-of-court. In case of conflicts related to the use of SES, a technical appraisal shall be carried out in accordance with Clause 1.22.3 hereof.

1.22.3. Procedure for conducting technical appraisal:

1.22.3.1. Transactions concluded using SES may cause conflicts relating to registration of orders/quotes in the Trading System, changes of information in the orders/quotes after their placing in the Trading System by Trading Members, namely:

- contesting the fact of registration of an order/quote in the Trading System by a Trading Member;
- statement by a Trading Member about data changes in its placed order/quote during registration, except for cases of recalculation of the parameters of orders/quotes stipulated in the Trading Rules;
- statement by a Trading Member about failure to fulfil an order/quote when conditions for such fulfilment were present;
- contesting the fact of registration of instructions on withdrawal of an order/quote in the Trading System by a Trading Member;
- contesting the fact of sending a Central Counterparty Confirmation by the Central Counterparty
- other conflict situations related to executing transaction on the Moscow Exchange.

1.22.3.2. In the event of a conflict situation, a Trading Member or Central Counterparty (hereinafter – applicant) shall immediately but not later than within three working days or shorter time after the occurrence of such conflict situation, notify the Moscow Exchange about the assumed conflict situation (hereinafter – Notice).

1.22.3.3. The Notice shall include information on the substance of the conflict situation and circumstances which, according to the applicant, indicate the existence of a conflict situation. The Notice shall contain the name, phone numbers, fax, e-mail of the person or persons authorised to negotiate a settlement of the conflict. The Notice shall be drawn up in writing and sent by courier or other means providing proof of delivery of correspondence to the addressee.

1.22.3.4. The Exchange shall verify the existence of circumstances indicating the occurrence of a conflict and send the applicant information on the results of the inspection and, if necessary, measures taken towards a resolution of the conflict.

1.22.3.5. A conflict shall be considered resolved on operating level if the Applicant is satisfied with information received from the Exchange. If the applicant is not satisfied with the received information, it shall advise the Exchange

accordingly not later than the following Business Day after the receipt of information from the MICEX SE. In this case, a Technical Commission shall be set up to investigate the conflict situation.

- 1.22.3.6. The Technical Commission shall be set up not later than the next working day after the decision on setting up the Technical Commission, but not later than the sixth working day after receipt of the Notice, if the conflict situation was not resolved in on operation level.
- 1.22.3.7. Unless the parties to a conflict agree otherwise, the Technical Commission shall consist of an equal number, but at least one authorised representative of each of the conflicting parties. The right to represent the corresponding party in the Technical Commission shall be confirmed by a power of attorney granted to each representative for the working period of the Technical Commission.
- 1.22.3.8. In considering the conflict situation, the Technical Commission shall establish on the technological level the presence or absence of actual circumstances proving the fact and time of creation and entry of the document by the applicant, its registration in the Trading System and absence of changes after its registration in the Trading System.
- 1.22.3.9. Technical appraisal for the purposes of resolving such conflicts with account of functioning specifics of the Trading System shall be carried out by using specialised software and information products of the Technical Centre required for conducting the necessary inspection and documentation of data, used during inspection.
- 1.22.3.10. The mentioned inspection shall result in drawing a protocol, which shall be the main document of the Technical Commission and shall be signed by all its members.
- 1.22.3.11. The following shall be necessary to conduct technical appraisal:
 - information from the applicant about the parameters of the order/quote, instructions on withdrawal of the order/quote in respect which the technical appraisal is being conducted:
 - date and time of formation;
 - reference number;
 - other details;
 - transaction registration archive in the Trading System for the mentioned date;
 - workplace allowing to view and print out information from the transaction registration archive in a form, which is convenient for members of the Technical Commission;
 - documents confirming forwarding of a notification according to the established procedure about assigning the Trading.
- 1.22.3.12. The technical appraisal shall include performance of the following actions:
 - print out on paper media of the electronic document containing parameters of the order/quote, instructions on withdrawal of the order/quote in respect which the technical appraisal is being conducted;
 - repetition (imitation) of the technological process of trading on the mentioned date for the purposes of receiving results confirming integrity of the transaction registration archive and compliance of the repetition (imitation) results with actual trading results on the mentioned date;
 - verification of compliance of the imitation results for the mentioned date with information contained in the register of orders or the register of

quotes, extract from which (extract from register of orders/quotes) shall be provided on request of a Trading Member, or register of Central Counterparty Confirmations provided on request of the Central Counterparty;

- documentation of imitation results in the Technical Commission protocol;
- documentation of inspection results in the Technical Commission protocol;
- verification of compliance of SES in the copy of the electronic document on the paper media containing parameters of the order/quote or instructions on withdrawal of the order/quote with the Trading ID assigned to the Trading Member according to the procedure established in the Admission Rules;
- documentation of inspection results in the Technical Commission protocol.

1.22.3.13. If:

- the order/quote or instructions on withdrawal of the order/quote which are subject to technical appraisal, are found in the transaction registration archive;
- imitation results for the mentioned date comply with information contained in the register of orders or the register of quotes, extract from which (extract from the register of orders) shall be provided on request of a Trading Member, or register of Central Counterparty Confirmations provided on request of the Central Counterparty;
- compliance of SES in the copy of the electronic document on the paper media containing parameters of the order/quote or instructions on withdrawal of the order/quote, with the Trading ID of the Trading Member according to the procedure established in the Admission Rules, is established;

it shall be considered that:

- the order/quote or instructions on withdrawal of the order/quote which were the cause of the conflict, were created by the Trading Member or the Central Counterparty in the Trading System in accordance with the Trading Rules;
- no parameters of the mentioned electronic communication signed with SES were changed after placing in the Trading System, and (if such fact took place) a transaction was registered in the Trading System in accordance with the Trading Rules.

1.22.3.14. All actions taken by the Technical Commission to ascertain actual circumstances, and conclusions of the commission shall be recorded in the Protocol of the Technical Commission. The Protocol of the Technical Commission shall contain the following information:

- membership of the Technical Commission indicating the position and affiliation of each Commission member;
- summary of the circumstances of the conflict situation;
- activities carried out by the Technical Commission to establish the causes and consequences of the conflict, indicating their date, time and place;
- conclusions reached by the Technical Commission as a result of undertaken activities;
- signatures of Commission members.

The Protocol shall be drawn up on paper media in the number of copies equal to the number of organisations, authorised representatives of which took part in the work of the Technical Commission.

- 1.22.3.15. If the activities of the Technical Commission in investigating the conflict situation do not result in resolution of the conflict, such conflict shall be settled in the manner provided in Subsection 1.20 "Settlement of Disputes" hereof.

Subsection 1.23. Market Price Methodology

- 1.23.1. This methodology shall determine the rules and procedure for calculating market prices of securities by the Exchange, these requirements being established by the laws and other regulatory acts of the Russian Federation.
- 1.23.2. Market prices of securities shall be calculated for all securities admitted to trading on the Exchange.
- 1.23.3. Market prices of securities shall be calculated as follows:
- 1.23.3.1. The market price of securities shall be calculated during the Main Trading Session and the Additional Trading Sessions at least one time per minute during trading in Trading Modes/Market Sections, conducted based on orders/quotes available for all Trading Members (hereinafter – order book orders), starting from the tenth minute after the start of trading in the appropriate Trading Mode/Market Section.
 - 1.23.3.2. The market price of securities shall be calculated as the weighted average price of the securities during 10 minutes preceding the moment of calculation in Trading Modes/Market Sections, conducted based on order book orders.
 - 1.23.3.3. In absence during the last minute of trading of trades concluded based on order book orders, the market price of the securities shall be accepted equal to the last calculated market price of the securities. In the event of stock reverse split or split, current prices are calculated factoring in proportional change in price of securities which have been divided or consolidated.
 - 1.23.3.4. Prices of trades executed in trading modes/periods in which Trading Members can see only their own orders entered in such trading modes/periods and prices of order book trades executed in the following trading modes, are not used to calculate in the security's market price:
 - Odd lots;
 - Block trading;
 - Order book repo with the CCP;
 - Settlement of derivatives contracts.
 - 1.23.3.5. In the event of stock reverse split or split, the previous day's closing prices used in calculating price deviations are calculated factoring in proportional change in price of securities which have been divided or consolidated.

Subsection 1.24. Securities Closing Price Methodology

- 1.24.1. This Methodology sets forth rules and a procedure for determining the securities closing price by the Exchange. Requirements for such closing prices are specified by the laws and other regulatory acts of the Russian Federation.
- 1.24.2. The closing prices shall be determined for all securities admitted to trading on the Exchange.
- 1.24.3. The closing price is determined as follows:
 - 1.24.3.1. The closing price of a security is determined once a Trading Day at the end of the Main Trading Session.
 - 1.24.3.2. If the closing auction was run for a given security during the Main Trading Session, the closing price for such security shall equal the price of the closing auction run upon the end of the trading period or upon the end of the post-trading period.
 - 1.24.3.3. If the closing auction was run during the Main Trading Session and the closing auction price was not established, the closing price shall not be set.
 - 1.24.3.4. If the closing auction is not run during the Main Trading Session for a security, the closing price of such security shall equal the last calculated market price as at the end of the Main Trading Session.

Subsection 1.25. Submission of instructions using Sponsored Access IDs

- 1.25.1. Sponsored Access ID instructions shall be submitted by the Trading Member's client to the Trading Member via the Instruction Processing Subsystem.
- 1.25.2. Identification of a Trading Member's client connecting to the Instruction Processing Subsystem using the Sponsored Access ID shall be conducted using the following process:
 - 1.25.2.1. the Client shall, when connecting to the Instruction Processing Subsystem, enter the Sponsored Access ID provided to it by the Trading Member, and a password. The password shall be set directly by the client at the first connection to the Instruction Processing Subsystem;
 - 1.25.2.2. In the course of client identification, the Exchange shall verify that the Sponsored Access ID matches the Trading Member's ID.
- 1.25.3. The Trading Member's client that passed identification in the manner described in this sub-section of the Rules, may submit Instructions to the Trading Member for trades to be made in the Exchange trading sessions on such client's account through the Instruction Processing Subsystem.
- 1.25.4. Any instructions submitted shall always contain a reference to the Trading ID referred to in the application for the issuance of the respective Sponsored Access ID.
- 1.25.5. Before being entered in the Trading System, the instruction shall be verified for conformity with any limits set for a particular Sponsored Access ID and/or a group of Sponsored Access IDs by the Trading Member on whose behalf an order may be placed on the basis of such instruction. The Trading Member shall notify the Exchange via the Trading System or otherwise as agreed on by the Exchange of the existence and parameters of the following limits:
 - Possible variance between the instruction price and the current price, in % (until the current price is determined – from the price of the last transaction of the previous day, unless otherwise determined by the Exchange's decision);
 - Maximum quantity of securities covered by the instruction, in lots;
 - Maximum instruction amount, in Roubles (if an instruction is submitted in a settlement currency other than Rouble, the instruction amount shall be translated into Roubles at the Bank of Russia exchange rate as of the instruction submission date);

- Maximum aggregate quantity of instructions submitted using a particular Sponsored Access ID over a Trading Day, or a Maximum aggregate amount of instructions submitted using Sponsored Access IDs part of a given group, in Roubles (if instructions are submitted in a settlement currency other than Rouble, the instruction amounts shall be translated into Roubles at the Bank of Russia exchange rate as of the instructions submission date);
- Maximum quantity of securities covered by an instruction for a trade to be executed through the placement of a market order and/or the maximum amount of such instruction;
- The list of trading modes in respect of which instructions for trades using such modes can be submitted using a particular Sponsored Access ID, or any SMA ID within a given group;
- The list of permitted securities in respect of which instructions for trades in such securities can be submitted using a particular Sponsored Access ID, or any Sponsored Access ID within a given group;
- Maximum number of actions per second using a particular Sponsored Access ID, or a maximum aggregate amount of actions per second using Sponsored Access IDs part of a given group (maximum number of transactions in the Instruction Placement Subsystem);
- Maximum position in securities during a Trading Day, specified as quantity of individual securities;
- Maximum net position, Roubles;
- The trading and clearing account with reference to which orders maybe placed based on the instructions submitted using a particular SMA ID, or any SMA ID within a given group.

1.25.6. If an instruction successfully passes the verification of conformity with the requirements of this sub-section of the Trading Rules, and the verification of conformity with the limits set by the Trading Member, the Trading Member that received the client's Instruction may place an order or a quote in the Trading System. The Trading Member shall generate the order/quote based on the instruction and shall sign it using SES.

1.25.7. The Exchange shall ensure that instructions submitted by Trading Members' clients via the Instruction Processing Subsystem are stored in the same form in which they were received within the period of five years from the date of their submission. Upon request, the Exchange shall transmit client instructions to Trading Members in the same form in which they were received.