**APPROVED**

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Moscow Exchange

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**Methodology of the Moscow Exchange Equity Indices Calculation**

**Moscow 2022**

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# General provisions

* 1. Terms and definitions
		1. For the purpose of this Methodology of the Moscow Exchange Indices Calculation (the “Methodology”), the following terms and definitions are applied:
			+ - Stocks means stocks of Russian issuers admitted to trading on the Exchange as well as stocks and depositary receipts representing stocks of foreign issuers having their business activity primarily in the Russian Federation. Stocks do not include stocks issued by joint stock investment funds.
				- Index constituents means all securities in the Index.
				- The Exchange, Moscow Exchange means Public Joint-Stock Company Moscow Exchange MICEX-RTS
				- Index Review Date means the day on which statistical data is computed to announce Constituents. These are 15 February, 15 May, 15 August and 15 November. If 15 February, 15 May, 15 August and 15 November are non-trading days, the Index Review Date is a trading day immediately preceding the 15th day of the relevant month.
				- Index is a benchmark calculated by the Exchange on the basis of trades executed on the Exchange measuring the aggregate price performance for a selection of securities. Such aggregate value may be denominated in RUB, USD or any other currency. Names of Indices indicate currency in which the aggregate value of securities in the Index is denominated, for example, “The Index in RUB”, “The Index in USD”, etc.
				- Total Return Index means a benchmark measuring the price performance of the Index Constituents along with the income from reinvestment of constituent dividend payments.
				- The Index Committee means a standing advisory body of the Exchange.
				- Free Float Factor means an adjusting coefficient measuring the number (percentage) of stocks or represented stocks floating on the market.
				- Watch list of additions (deletions) means Stocks that meet (do not meet) formal criteria for securities to be added to (removed from) the list Constituents in accordance with the Methodology and pretend to be added to (removed from) such list.
				- Median trading volume means the median value of the daily trading volume in RUB as calculated for three months preceding the Index Review Date. The trading volume is referred to trading modes set out in Clauses 2.5.1 and 2.5.2.
				- Industry means a business profile of the Issuer that is determined on the basis of recommendations of the Index Committee. Business profiles of Issuers eligible for the Sectoral Indices are given in Appendix 4 hereto.
				- Average Market Cap means the average daily market capitalisation over three months preceding the Index Review Date. Daily market capitalisation is determined at the end of the trading day by multiplying the total number of stocks (Q) as set out in Clause 2.6.1 and the Stock price (P) as set out in Clauses 2.5.1-2.5.2.
				- Stock Weight means the share of the value of a Stock in the aggregate value of all Stocks in the list of Constituents, in percent.
				- Issuer means any issuer of ordinary, preferred or represented stocks.
		2. Terms not specifically defined herein shall be construed in accordance with other documents of the Exchange as well as the law and regulatory acts of the Bank of Russia.
	2. The Index family
		1. The Moscow Exchange Indices are composite Indices of the Russian stock market. They are calculated by the Exchange on the basis of prices of trades executed in the most liquid and highly capitalized securities admitted to trading on the Exchange.
		2. The list of Price Indices calculated by the Exchange in accordance with this Methodology is given in Appendix 1 hereto. Trademarks on the Indices are given in Appendix 5 hereto. The Total Return Indices calculated by Moscow Exchange in accordance with this Methodology are listed in Appendix 6 hereto.
		3. The MOEX Russia Index is the equity Index used to suspend trading in securities on the Exchange in cases set out in the regulatory acts of the Bank of Russia (the Major Index).
		4. This Methodology with any amendments and supplements thereto is written in consideration of recommendations of the Index Committee.
		5. This Methodology is adopted by the Exchange and takes effect on a day set by the Exchange. It is amended and supplemented once a quarter at most. Approaches set out in the Methodology are updated at least once a year.
		6. The text of the Methodology as adopted is released at least two weeks before taking effect.

# Index Calculation

* 1. General procedure for calculating price Indices
		1. The Index is computed by dividing the aggregate value (total capitalization) of all Stocks as of the calculation moment by the value of divisor by the following formula:

$$I\_{n}=\frac{MC\_{n}}{D\_{n}} ,$$

where:

In – value of the Index as of the nth moment;

MCn – total value (capitalization) of all Stocks as of the nth moment, determined according to paragraph 2.1.3 of the Methodology;

Dn – value of the Divisor as of the nth moment;

The Divisor is the aggregate value (capitalization) of all Stocks as of the first day of calculation of the Index, adjusted for the changes in the Index constituents and the initial value of the Index. On the first day of calculation of the Index, the Divisor is calculated according to the formula:

$$D\_{1}=\frac{MC\_{1}}{I\_{1}} ,$$

where:

MC1 – the total value (capitalisation) of all Stocks on the date the Index was first calculated;

I1 – the initial value of the Index.

Thereafter, the Divisor remains unchanged (Dn=Dn-1), except for the cases described in paragraph 2.9.

* + 1. The inception dates of the Indices and values of I1, MC1, and D1 as of such date are given in Appendix 2 hereto.
		2. The total value of all Stocks at the nth moment of calculation is determined according to the formula:

$$MC\_{n}=\sum\_{i=1}^{N}MC\_{i} ,$$

where:

N – the total number of Stocks;

MCi – capitalisation of the ith Stock.

* + 1. Capitalisation of the ith Stock is calculated as follows:

$$MC\_{i}=\frac{P\_{i}∙Q\_{i}∙FF\_{i}∙W\_{i}}{K\_{n}} ,$$

where:

Pi – the price of the ith Stock in RUB;

Qi – the total number of ith Stocks of one category (type) of an Issuer;

FFi– the free float factor of the ith Stock;

Wi – a coefficient restricting the proportion of capitalisation of the ith Stock (the Weighting Factor). It equals one unless otherwise set out in Clause 2.8;

Kn – exchange rate at the nth moment of the calculation. It equals the Indicative Rate calculated by Moscow Exchange unless otherwise specified by the Exchange. Currency of every Index is given in Appendix 1 hereto. The coefficient is one for ruble-denominated Indices.

* + 1. Market capitalization of the Issuer is determined as the aggregate market capitalization of its Stocks of all categories.
		2. Price Pci of the ith Stock in foreign currency may be calculated according to the following formula for reference purposes:

$$P\_{ci}=\frac{MC\_{i}}{Q\_{i}∙FF\_{i}∙W\_{i}} ,$$

where:

MCi – market capitalization of the ith Stock in foreign currency;

Qi – the total number of ith Stocks of one category (type) of an Issuer;

FFi– the free float factor of the ith Stock;

Wi – the Weighting Factor.

* + 1. Capitalisation MCi is calculated to four decimal places.
		2. The Indices are expressed in points and rounded to two decimals.
	1. General procedure for calculating Total Return Indices
		1. The Total Return Indices are calculated on the basis of Constituents, taking into account the dividends on the Stocks of the relevant Indices.
		2. Dividends are included in the calculation of the Total Return Indices on the trading day preceding the date on which the persons entitled to receive dividends are determined by law (the "Record Date"). If the Record Date is not a trading day, dividends shall be taken into account two trading days before the Record Date.
		3. If the Exchange becomes aware of the dividend announcement after the date when the dividend must be accounted for in accordance with paragraph 2.2.2, then the dividend is included on the day the Exchange gets the information.
		4. Sources of information about the dividend announcement are information agencies authorized to disclose information and Issuers of securities.
		5. The date each Total Return Index was calculated for the first time and their base values are given in Appendix 6 hereto.
		6. The Exchange calculates the following variants of the Total Return Indices subject to dividend income taxation:
			+ - With gross dividends, i.e. dividend income taxes are not considered;
				- With net dividends, i.e. dividend income taxes are considered. Net Total Return Indices are calculated in two variants:

At income tax rate applicable to non-resident corporate investors;

At income tax rate applicable to Russian corporate investors.

To calculate Net Total Return Indices, current tax rates are used in accordance with the Russia’s Tax Code. At the time of adopting this Methodology, tax rates at 15 and 13 per cent were used with regard to non-resident corporates and Russian corporates, respectively.

* + 1. The Total Return Indices are expressed in points accurate to two decimals.
	1. Gross Total Return Indices calculation
		1. Dividends to be considered in calculation of the Total Return Indexes are determined as follows:

$$TD\_{n}=\sum\_{i=1}^{N}\frac{Div\_{in}∙Q\_{in}∙FF\_{in}∙W\_{in}}{K\_{n}} , $$

where:

TDn – total dividends from Constituent Stocks of the relevant Index as of the day n;

N – number of Stocks in the relevant Index;

Divin – amount of a dividend on the ith Stock, RUB;

Qin – the total number of the ith Stocks of one category (type) of one issuer which are Constituents of the relevant Index on day n;

FFin – the free float factor of the ith Constituent Stock on day n;

Win – the weighting factor used to calculate the Index on day n.

Kn – equals 1 for the Total Return Indices denominated in RUB or the exchange rate as of the day n. Such exchange rate is the exchange rate used to calculate the close value of the Index corresponding with the Total Return Indices in other foreign currencies.

* + 1. Gross dividends expressed in points of the Total Return Indices:

$$ID\_{n}=\frac{TD\_{n}}{D\_{n}} ,$$

where:

Dn – the Divisor of the relevant price-weighted Index as of the nth moment.

* + 1. Gross return from reinvested dividends is determined as follows:

$$TR\_{n}=\frac{I\_{n}+ID\_{n}}{I\_{n-1}} ,$$

where:

In – the Price Index value on day n;

In-1– the Price Index value on day n-1.

* + 1. The Gross Total Return Index is calculated as follows:

$$ITR\_{n}=ITR\_{n-1} ∙TR\_{n} .$$

* 1. Net Total Return Indices calculation
		1. Dividends to be considered in calculation of the Net Return Index are determined as follows:

$$TDnet\_{n}=(1-\frac{TAX}{100})∙TD\_{n} ,$$

where:

TDnetn – net total dividends on the day n;

TDn – gross dividends;

TAX – the tax rate on dividend income, %.

* + 1. Net dividends expressed in points of the Total Return Indices:

$$IDnet\_{n}=\frac{TDnet\_{n}}{D\_{n}} ,$$

where:

Dn – the Divisor of the relevant price-weighted Index as of the nth moment.

* + 1. Net return from reinvested dividends is determined as follows:

$$TRnet\_{n}=\frac{I\_{n}+IDnet\_{n}}{I\_{n-1}} ,$$

where:

In – the Price Index value on day n;

In-1– the Price Index value on day n-1.

* + 1. The Net Total Return Index is calculated as follows:

$$ITRnet\_{n}=ITRnet\_{n-1} ∙TRnet\_{n} ,$$

* 1. Determining the price of a Stock
		1. To determine the price (Pi) of the ith Stock, the prices of trades executed on the Exchange's market in accordance with the Trading Rules for the Equity & Bond Market and the Deposit Market, are used, namely:
			+ - prices of trades in these Stocks executed during the trading period on the Central Order Book T+;
				- closing prices of the Stocks.
		2. Trading modes and periods, in which the executed trades are used to determine the price of the ith Stock in compliance with paragraph 2.3.1 above may be changed by the Exchange's decision.
		3. The price (Pi) of the ith Stock is set equal to the price of the last trade in that Stock executed on MOEX (Pitdeal), except for the cases stipulated in paragraphs 2.5.5 - 2.5.6 above.

* + 1. $P\_{i}=P\_{it}^{deal} ,$
		2. To eliminate non-market fluctuations of securities prices, the deviation of each trade price from the weighted average price of previous ten trades is calculated. If the last trade price (Pitdeal) deviates from the weighted average price of previous ten trades by an amount exceeding the set value, the previous price value (Pit-1) is used instead of the last trade price (Pitdeal), satisfying this condition:

$$P\_{i}=P\_{it-1}, if \left|\frac{P\_{it}^{deal}}{P\_{it}^{avg}}-1\right|>F\_{i} ,$$

where:

Pit-1 – the price of the ith Stock at time t-1;

Pitdeal – the price of the last trade at time t;

Fi – deviation limit equal to 0.02 for Stocks added to the Major Index Constituents, and 0.05 for other Stocks, unless otherwise set by the Exchange;

Pitavg – the weighted average price of last ten trades, determined by the formula:

$$ P\_{it}^{avg}=\frac{\sum\_{f=t-10}^{t-1}P\_{if}^{deal}∙q\_{if}}{\sum\_{f=t-10}^{t-1}q\_{if}},$$

where:

Pifdeal – the price of the fth trade;

qif – the size of the fth trade in Stocks.

If less than ten trades have been made in the ith Stock since the beginning of the main trading session of this trading day in the trading mode in question, the price of the ith Stock (Pi) is set equal to the price of the last trade made in this Stock (Pitdeal).

* + 1. The price of the ith Stock (Pi) at the end of the main trading session is equal to the closing price.
		2. If two or more issues of shares of one Issuer and one category (type), with different state registration numbers, are admitted to trading on the Exchange, to determine the price of the ith Stock, buying/selling trades in the principal issue Stocks are taken into account, but according to the Exchange decision, the price of an additional issue can be used.
		3. The price of the ith Stock (Pi) is determined with the accuracy of the price tick set for this Stock in the Trading Rules for the Equity & Bond Market.
		4. The procedure for determining the price of the ith Stock (Pi) stipulated in clauses 2.5.1-2.5.7 of this Methodology shall not apply in the case stipulated in clause 3.9.4 of this Methodology.
	1. Determining the number of Stocks and the Free Float Factor
		1. For the purpose hereof, the total number of stocks (Qi) is determined as the total of number of the ith stocks of the principal issue less retired (cancelled) stocks except where the Exchange provides otherwise. In case of depository receipts representing stocks, the total number of the ith represented stocks (Qi) is determined as the total number of represented stocks divided by the number of represented stocks of which the ownership is certified by one depository receipt in the issue.
		2. The total number of the ith Stocks (Qi) is calculated based on the results of the trading day preceding the day when information on changes in Constituents was disclosed except where Clause 3.9.4 hereof provides otherwise.
		3. The Free Float Factor (FFi) is determined based on the information that is disclosed by securities Issuers and other publicly available information that contains information about owners of securities and/or owners of securities represented by depositary receipts including beneficiary owners.
		4. The total number of stock shall be determined as the number of stocks placed and/or represented stocks of the Issuer of the same category, type according to the data on the settlement date. The number of floating stocks shall be determined by subtracting the shares which are not in public hands from the total number of Issuer’s shares. The Free Float Factor shall be determined by dividing the free float by the total number of Issuer’s stocks.
		5. The Free Float Factors values are set once a quarter no later than the first Thursday of March, June, September and December, taking into account the recommendations of the Index Committee. The value of the Free Float Factor may be approved at a different time in case of receipt of information about a significant change in the ownership structure well as in case of inclusion of the Stock in the lists of the Exchange or Growth Sector.
		6. If the current value of the Free Float Factor exceeds 15%, the Exchange may not adjust it, provided that the change from the current value does not exceed 2 percentage points.
		7. Values of Free Float Factors are determined, revised and disclosed and the number of the Issuer’s (represented) free-floating stocks (of one category and type) are determined for the purpose of setting the Free Float Factor on the basis of the Free Float Factor Methodology approved by the Exchange.
	2. Determining the liquidity factor and additional weighting factor
		1. The Liquidity Factor LCi is calculated as follows for every Stock:

$$LC\_{i}=\frac{Median\left(V\_{i}\right)}{Average(P\_{i}∙Q\_{i})∙FF\_{i}∙LW\_{i}}∙WorkDays∙100\%,$$

where

Median(Vi) – the Median trading volume in the ith Stock;

WorkDays – number of trading days per year, 247 by default. The Exchange may set other value.

Average(Pi  Qi) – the Average Market Cap of the ith Stock;

FFi– the free float factor of the ith Stock;

LWi – the extra weighting factor for the ith Stock calculated as per clause 2.7.2.

* + 1. An extra weighting factor LWi may be applied to all Stocks which factor adjusts the weight of a Stock in the Index. This factor shall be set taking into account the recommendations of the Index Committee and shall be determined as follows:
* the ratio of the proportion of Stocks held in custody by the Russian central securities depository (excluding Type C accounts) in the total number of issued stocks, to the Free Float Factor. The additional weighting factor LWi ranges from 0 to 1 with an accuracy of 0.1;
* the ratio of the percentage of shares available for trading in the total number of outstanding shares to the Free Float Factor. The availability of securities for trading is determined on the basis of available sources of information and approved by the Index Committee.
	1. Calculating Weighting Factors
		1. The Weight of the ith Stock is calculated according to the following formula:

$$Wght\_{i}=\frac{MC\_{i}}{\sum\_{i=1}^{N}MC\_{i} }∙100\%,$$

where:

Wghti – the weight of the ith Stock;

MCi – capitalisation of the ith Stock;

N – the total number of Stocks.

* + 1. The Weight of Stocks of one Issuer is calculated as the sum of Weights of Stocks of the same category of such Issuer.
		2. To mitigate the impact of specific Stocks on the Index value, the Weighting Factor calculated to cap the Weight of a Stock and/or Issuer, is applied. Values and types of Weight limits are described in Appendix 3 hereto.
		3. To effect restrictions set out in Clause 2.8.3, the Weights of Issuers are adjusted as follows:
			- * Where the Weight of an Issuer or the total Weight of Issuers in Index Constituents exceeds the value specified in Appendix 3, the Weight is set equal to such value.
				* The difference between limited and unlimited Weights is divided between Issuers with an unlimited Weight on a pro rata basis.
				* The above-mentioned operations are repeated until there are Issuers with a Weight exceeding the value specified in Appendix 3 hereto.
		4. The Weighting Factor Wi of the ith Stock is calculated as follows:

$$W\_{i}=WW\_{i}∙LW\_{i} ,$$

where:

WWi – the market cap limit coefficient for the ith Stock that depends on Stock’s weight;

LW i – an additional coefficient limiting the proportion of capitalisation of the ith Stock.

* + 1. Weighting factor Wi of the ith Stock used in calculating the MOEX Blue Chip Index is set equal to the Stock’s weighting factor used in calculating the Major Index.
		2. Weighting factors WWi and Wi can be anything between 0 and 1, with accuracy to seven decimal places according to the rounding rule. Weighting factors are calculated based on the results of a trading day preceding the date of disclosure of changes in Index Constituents.
	1. Calculating the Divisor
		1. The Divisor Dn is calculated where Index Constituents, a Free Float Factor, Wi Factors restricting the proportion of the ith Stocks capitalization (weighting factors) have changed, and (or) corporate events specified in Clause 3.9 hereof have occurred.
		2. Divisor Dn is calculated according to the following formula:

$$D\_{n+1}=D\_{n}∙\frac{MC\_{n}^{`}}{MC\_{n}} , $$

where:

Dn+1 – the new value of Divisor D;

Dn – the current value of Divisor D;

MCn – total value of all Stocks before the occurrence of the circumstance that is the basis for recalculation of Dividend D in accordance with clause 2.9.1 of this Methodology;

MCn' – total value of all Stocks after the occurrence of the circumstance that is the basis for recalculation of Dividend D in accordance with clause of this Methodology;

* + 1. Divisor Dn is calculated to four decimal places using the mathematical rounding rule.

# Indices construction and review

* 1. Index construction principles
		1. Constituents of the Indices are set out of the Broad Market Index Constituents determined in accordance with Clause 3.2 hereof except for MOEX Innovation Index Constituents.
		2. The MOEX Innovation Index Constituents are set out of Stocks admitted to trading on the Innovation and Investment Market as defined in Clause 3.7 hereof.
		3. Constituents include names of Issuers and an indication of the securities’ category (type) (for stocks), and names of the represented stocks’ Issuers (for depository receipts).
		4. The Exchange may, with consideration for the Index Committee’s recommendations, decide to add to Index Constituents (remove from Index Constituents) Stocks not added (added) to Index Constituents according to the procedure described in Clauses 3.2-3.7 hereof. The said decision shall be in line with the requirements for Index Constituents provided for herein and in regulatory acts of the Bank of Russia.
		5. The Exchange may decide to exclude from the Index the Issuers that have not publicly disclosed information on the owners of shares and/or represented shares of the Issuer, including beneficial owners, during the six months preceding the Index Review Date, due to impossibility to determine the Free Float Factor for the Stock in the procedure set forth in section 2.6 of this Methodology and the Moscow Exchange Free Float Methodology.
	2. Broad Market Index Constituents Algorithm
		1. Unless otherwise specified by the Exchange, the Broad Market Index Constituents consist of 100 stocks. To this effect, the Broad Market Index Constituents shall include stocks of at least 10 Issuers.
		2. Stocks which have passed the Exchange’s listing procedure may be added to the Broad Market Index Constituents.
		3. Stocks currently in the Watch list of additions or that have been offered to public (IPO or SPO) are only eligible for the Broad Market Index.
		4. Stocks with the Free Float Factor of less than 5% calculated according to Clause 2.6 hereof are removed from the Broad Market Index. Stocks are also removed in cases set out in Clause 3.8.4 hereof.
		5. Stocks currently in the Watch list of deletions may be removed from the Broad Market Index.
		6. Stocks with a proportion of trading days on which at least one trade therein was made accounting for at least 70% of the total number of trading days over three months preceding the Index Review Date and with LCi of at least 1%, are added to the Index.
		7. To select the Index Constituents, a list of 120 Stocks that meet the criteria of Clauses 3.2.2, 3.2.4 and 3.2.6 hereof with the highest value of the Median trading volume is drawn up unless otherwise specified by the Exchange.
		8. The Broad Market Index Constituents are set out of the current Broad Market Index Constituents according to the following algorithm:
			+ - Stocks specified in Clause 3.2.4 and 3.2.5 hereof which are not on the list specified in Clause 3.2.7 are removed.
				- The remaining Stocks and Stocks specified in Clause 3.2.3 hereof, which are on the list specified in Clause 3.2.7 hereof, are ranked in order of a descending Average Market Capitalization with consideration for the then-current Float Free Factor, with assigning a sequential number.
				- Stocks ranked five or more positions above the number of Stocks in the current Broad Market Index Constituents are added.
				- Stocks specified in Clause 3.2.5 hereof and ranked five or more positions below the number of Stocks in the current Broad Market Index Constituents are removed.
		9. Where the requirements of Clause 3.2.1 hereof are not met, after the Broad Market Index Constituents have been formed, Stocks currently in the Watch list of additions (deletions) with the highest (lowest) Average Market Cap adjusted for the current Free Float Factor, are added to (removed from) the Broad Market Index according to Clause 3.2.8 hereof.
		10. A new Watch list of deletions is drawn up out of Stocks added to the Broad Market Index which are not on the list specified in Clause 3.2.7 hereof.
		11. A new Watch list of additions is drawn up out of Stocks not added to the Broad Market Index which are on the list specified in Clause 3.2.7 hereof. Maximum ten Stocks sorted in the descending order by the Average Market Cap subject to then current free float, are included into the list.
		12. Upon recommendation from the Index Committee, the Exchange may decide to extend the period Stocks which are foreign stocks or foreign depository receipts representing stocks are in the Watch Lists, to six months.
	3. Major Index Constituents Algorithm
		1. The main index is the MOEX Russia Index. The Constituents of the RTS Index and MOEX Active Management Index are similar to Constituents of the MOEX Russia Index.
		2. The Major Index has 50 Constituent Stocks. The Indices may include less than 50 Stocks if some Stocks fail to comply with criteria set forth herein. To this effect, the Major Index shall include stocks of at least 10 Issuers.
		3. The Major Index, as well as the Watch list of additions comprise only Stocks listed on the Exchange unless the Exchange establishes otherwise following recommendations from the Index Committee.
		4. Stocks listed on the Exchange or included to one of the following lists are eligible to be included into the Major Index:
			+ - Then current list of constituents of the Indices;
				- Then current Watch list of additions;

Stocks tradable after recent initial or secondary public offerings.

* + 1. To be included into the Major Index, or the Watch list of additions, a Stock must meet the following requirements:
			- * Its Free Float Factor is at least 10%;
				* Trading days in which at least one trade is made in the Stock accounts for at least 99% of the total number of trading days over six months preceding the Index Review Date;
				* LCi is at least 15%;
				* The Issuer discloses its latest financial statements under international standards within maximum eight months beginning from the reporting date and ending on the Index Review Date;
		2. To be excluded from the Major Index or included into the Watch list of deletions, a Stock must meet one of the following requirements:
			- * Its Free Float Factor is less than 5%;
				* Trading days in which at least one trade is made in the Stock accounts for less than 90% of the total number of trading days over six months preceding the Index Review Date;
				* LCi is less than 10%;
				* The Issuer disclose its latest financial statements under international standards in more than eight months after the reporting date.
		3. The Major Index are reviewed as follows:
			- * A Stock is removed if its Free Float Factor is less than 5% or it has been removed from the Broad Market Index;
				* A Stock is removed if it has been in the Watch list of deletions and its parameters meet criteria set forth in Clause 3.3.6;
				* Weighting Factors Wi and Weights as per Clause 2.8 are calculated (by average market capitalization calculated at the closing prices over three months preceding the Index Review Date) for all other Stocks in the Major Index and Stocks in the lists mentioned in Clause 3.3.4 that meet parameters specified in Clause 3.3.4;
				* A Stock is included into the Indices if its Weight is more than 0.25% and it has been already in the Indices or the list of stocks under consideration to the added therein;
				* A Stock is removed from the Indices if its Weight is less than 0.2% and it has been in the Watch list of deletions;
				* Stocks with a Weight of less than 0.1% are excluded from the Major Index, without regard to their presence in the Watch list of deletions.
		4. A new Watch list of deletions is drawn up out of Stocks added to the indices and either meet criteria stated in Clause 3.3.6 or has Weight less than 0.2%.
		5. A new Watch list of additions is drawn up out of Stocks that have not been added to the Indices up to date and that meet criteria stated in Clause 3.3.4, provided that the expected Weight of the Stock in the Major Index would exceed 0.2%. Maximum ten such Stocks sorted by the descending order by the Average Market Cap subject to then current Free Float Factor and additional weighting factor LWi, are included into the list.

* 1. SMID Index Constituents Algorithm
		1. The number of the Index constituents may vary.
		2. The SMID Index comprises only Stocks listed on the Exchange (exclusive of financial companies stated in Appendix 4) unless the Exchange establishes otherwise.
		3. The list of the SMID Index constituents is reviewed to include Stocks that have been already in the Index, are included into the then current list of the Broad Market Index and listed on the Exchange.
		4. Issuers with Stocks that meet criteria set forth in Clause 3.4.3 are sorted in the descending order by the Average Market Cap and given ranking numbers R. For every R Issuer, coefficient SR is calculated as follows:

$$S\_{R}=\frac{\sum\_{j=1}^{R}MC\_{j}}{\sum\_{j=1}^{M}MC\_{j}} ,$$

Where:

R – ranking number of the Issuer;

M – total number of Issuers;

MCj – the average market cap of the jth Issuer’s Stocks of all categories for three months preceding the Index Review Date.

* + 1. Parameter r is given the value of the ranking number R of the last Issuer with SR of less than 90% as calculated under Clause 3.4.5 hereof. Parameter m is given the value of the ranking number R of the last Issuer with SR of less than 85%.
		2. A Stock may be included in the SMID Index if:
			- * It is in the list stated in Clauses 3.4.2 and 3.4.3;
				* The Issuer discloses its latest financial statements under international standards within maximum eight months beginning from the reporting date and ending on the SMID Index Review Date;
				* LCi is at least 12%;
				* Issuer’s ranking number R calculated in accordance with Clause 3.4.5 is greater than r+1 calculated in accordance with Clause 3.4.5.
		3. A Stock may be removed from the SMID Index if:
			- * It is not in the list stated in Clauses 3.4.2 and 3.4.3;
				* LCi is less than 7%;
				* The Issuer disclose its latest financial statements under international standards in more than eight months beginning from the reporting date and ending on the SMID Index Review Date;
				* Issuer’s ranking number R calculated in accordance with Clause 3.4.5 is less than m+1 calculated in accordance with Clause 3.4.6.
		4. The SMID Index is reviewed as follows:
			- * Stocks that meet criteria set forth in Clause 3.4.7 are removed;
				* Stocks that meet criteria set forth in Clause 3.4.6 are added;
				* Weights are calculated in accordance with Clause 2.8.1 by average market capitalization calculated at the closing prices over three months preceding the Index Review Date subject to current Free Float;
				* Stocks with the less than 0.5% Weight and not currently in the Index, are removed;
				* Stocks with the less than 0.3% Weight and currently in the Index are removed.
		5. If the SMID Index includes an insufficient number of Issuers to meet the Limit 5/10/40 and the Industry Weight Limit at the same time, then only the Limit 5/10/40 is applied. If the Limit 5/10/40 is not observed, the Exchange may decide to review coefficients specified in Clauses 3.4.2-3.4.8 to achieve the necessary number of Issuers for such Limit to be met.

* 1. MOEX Blue Chip Indices Constituents Algorithm
		1. Unless otherwise specified by the Exchange, the MOEX Blue Chip Index and MOEX 15 Index Constituents consist of 15 Stocks. Only one security type of an issuer can be added to the Indices.
		2. The MOEX Blue Chip Index and the MOEX 15 Index differ in the requirements for limiting the weights of Stocks in Indices.
		3. The blue chip indices include Stocks added to the Major Index Constituents according to the following algorithm:
			+ - Stocks are selected on the basis of subjective (expert) evaluation of the Index Committee with sequential numbers in the ranking by the median daily trading volume not exceeding 30, unless otherwise specified by the Exchange.
				- Stocks are ranged in descending order of the Average Market Capitalization which is determined based on closing prices over three months preceding the Index Review Date, with consideration for the additional weighting factor LWi the Free Float Factor; to this effect, a sequential number is only assigned to the first category on the category list of each Issuer.
				- Stocks with sequential number 18 and above added to the current MICEX Index Blue Chip Constituents are removed and substituted by Stocks with the lowest sequential number beginning 17 in descending order.
				- Stocks with sequential number 13 and below not added to the current MICEX Index Blue Chip Constituents are added; at the same time, Stocks with the highest sequential numbers beginning 15 in ascending order are removed from the MICEX Index Blue Chip Constituents.
	2. Sectoral Indices Constituents Algorithm
		1. The Sectoral Indices Constituents shall include at least three issuers, unless otherwise specified by the Exchange.
		2. According to Clause 3.6.1 hereof, the Sectoral Indices Constituents are formed in successive order according to the following algorithm:
			+ - Stocks added to the Broad Market Index Constituents are selected on the basis of subjective (expert) evaluation of the Index Committee.
				- Stocks for which the Industry is determined are added to the relevant Index Constituents.
				- Stocks previously included in the Sectoral Index, whose Weight is less than 0.4%, are removed. The Weight is determined by the average capitalisation calculated by using closing prices over three months preceding the Index Review Date, subject to the current Free Float Factor and Weighting Factor Wi.
				- Stocks not previously included in the Sectoral Index, whose Weight is more than 0.6%, are added to the Index. The Weight is determined by the average capitalisation calculated by using closing prices over three months preceding the Index Review Date, subject to the current Free Float Factor and Weighting Factor Wi.
	3. MOEX Innovation Index Constituents Algorithm
		1. The number of Stocks in the MOEX Innovation Index Constituents is variable.
		2. Stocks admitted to trading on the Innovation and Investment Market are added to the MOEX Innovation Index Constituents.
		3. Stocks by Issuers of securities which have been offered to public (via an IPO or SPO) or admitted to the Innovation and Investment Market for the first time may be added to MOEX Innovation Index Constituents.
		4. Stocks may be removed from the MOEX Innovation Index Constituents where events specified in Clause 3.8.4 hereof have occurred.
		5. Stocks with a proportion of trading days on which at least one trade was made therein accounting for at least 50% of the total number of trading days over three months preceding the formation date of new Index Constituents, are added to Index Constituents.
		6. A list of at most 30 Stocks which conform to the requirements of Clauses 3.7.2 and 3.7.5 hereof with the highest Median trading volume is drawn up on the basis of subjective (expert) evaluation.
		7. The MOEX Innovation Index Constituents are set out of Stocks added to the current MOEX Innovation Index Constituents according to the following algorithm:
	+ Stocks which are not on the list specified in Clause 3.7.6 hereof are removed.
	+ Stocks specified in the list in Clause 3.7.6 above are added. Stocks specified in Clause 3.7.3 can be added.
		1. On the basis of subjective (expert) evaluation, the Exchange may decide to add to (remove from) MOEX Innovation Index Constituents Stocks not added (added) to MOEX Innovation Index Constituents according to the procedure described in Clauses 3.7.1-3.7.7 hereof. The said decision shall be in line with the requirements for the Index Constituents provided for herein and in regulatory acts of the Bank of Russia.
	1. Index Constituents Revision
		1. Stocks are added to and removed from the Index Constituents through revision thereof.
		2. The Index Constituents are revised at most on a quarterly basis except where this Methodology provides otherwise. Revised Index Constituents become effective from the beginning of the main trading session on the trading day following the third Thursday of March, June, September or December. Where such third Friday is a non-trading day, the revisions become effective from at the end of the main trading session on the trading day immediately preceding such third Friday. The Exchange may establish other effective dates of revised Index Constituents.
		3. The Index Constituents may be set in the course of revision in accordance with Clauses 3.1–3.7 hereof.
		4. An extraordinary revision of the Index Constituents may be carried out, if:
			+ - Stocks have been removed from the list of securities admitted to trading on the Exchange, as well as from quotation lists;
				- trading in Stocks in the section/trading mode used to calculate Indices in accordance with Clauses 2.5.1 and 2.5.2 hereof have been restricted;
				- the securities’ Issuer have been reorganized or wound up, an additional securities issue has been placed, the securities have been retired (cancelled) e.g. through conversion, the securities have been bought up (purchased) by the Issuer;
				- other events which can have a material effect on Index calculation have occurred.
		5. Information on a regular Index Constituents revision is disclosed at least two weeks prior to the effective date of the Exchange’s decision to approve new Index Constituents.
		6. Information on an extraordinary revision of the Index Constituents is disclosed at least one day before such revision takes effect.
	2. Treatment of corporate events
		1. If represented stocks have been split or consolidated or scope of rights and/or procedure for exercising rights carried by the represented stocks pursuant to the foreign law have been changed, the Exchange shall make a resolution on treating such events based on recommendations of the Index Committee.
		2. Suspension of trading in Stocks on the Exchange.

If trading in the ith Stock suspended at the Exchange for the period that is more than one trading day, then the price measured in Indices shall remain equal to the last price that had been calculated before the suspension.

* + 1. Placement of additional Stocks, redemption of Stocks.

Admission of the ith Stocks of additional issue to trading on the Exchange and redemption (cancellation) of the ith Stocks do not serve as grounds for recalculation of the total number of the ith Stocks (Qi). The given recalculation is performed in accordance with the established procedure and in due time specified in Clause 2.6.1 hereof.

* + 1. Split and reverse split of stocks.

In case of a split or reverse split of the ith Stocks on the day the resulting stocks issue, which the mentioned Stock was converted into due to their consolidation or split, is admitted to trading the Exchange recalculates the total number of ith Stocks (Qi) and the price of the ith Stock (Pi), that was computed by the results of trading on the day preceding the day specified. During the recalculation the total number of ith Stocks (Qi) is multiplied by the split ratio or divided by the reverse split ratio, and the ith Stock’s price (Pi) is divided by the split ratio or multiplied by the reverse split ratio.

* + 1. Reorganization of a joint stock company, whose shares are included into the List of constituent Stocks.

When a joint stock company is reorganized, certain actions are taken to reflect the fact of reorganization in the process of calculating the Index. Depending on the form of reorganization various actions can be undertaken. It is the Exchange who takes the decision on the kind of action to undertake with regard to recommendation of the Index Committee. Information on the adopted resolutions is disclosed in accordance with Clause 4.4 hereof.

* + 1. A model plan of actions in case of reorganization of a company whose stocks are on the constituent list:
			1. Merger of joint stock companies.

In case of merger Stocks of reorganized companies are excluded from the List of constituent Stocks within the timeframe determined by the Exchange on recommendation of the Index Committee.

* + - 1. Reorganization of a joint stock company in the form of split-off.

In case of split-off Stocks of the reorganized company are removed from the List of constituent Stocks within the timeframe determined by the Exchange on recommendation of the Index Committee.

* + - 1. Reorganization of a joint stock company in the form of spin-off.

In case of spin-off, the price for the reorganized company’s Stocks (ith Stocks’ price) (Pi) is locked in at the level determined based on the trading results on the day preceding the lock-in day. The lock-in day and the terms of unlocking the price of the ith Stock (Pi), are by the Exchange with regard to the recommendation of the Index Committee. On the day of unlocking the price of the ith Stock (Pi) the Exchange recalculates the total number of the ith Stocks (Qi) and Divisor D.

* + - 1. Reorganization of a joint stock company in the form of acquisition.

In case of acquisition of a joint stock company by another joint stock company, whose Stocks are included into the List of constituent Stocks, the price of the Stocks (ith Stocks) (Pi) is locked in at the level determined based on the trading results on the day preceding the lock-in day. The lock-in day and the terms of unlocking the price for the ith Stock (Pi) are determined by the Exchange with regard to the recommendation of the Index Committee. On the day of unlocking the price of the ith Stock (Pi) the recalculation of the total number of the ith Stocks (Qi) and Divisor D shall take place.

In case of acquisition of a joint stock company whose Stocks are included into the List of constituent Stocks by another joint stock company the Stocks are removed from the List of constituent Stocks within the timeframe determined by the Exchange with on recommendation of the Index Committee.

* + - 1. Reorganization of a joint stock company whose Stocks are included into the List of constituent Stocks in the form of split-off or spin-off with simultaneous merger or acquisition.

In case of spin-off of a joint stock company from a joint stock company whose Stocks are included into the List of constituent Stocks with a simultaneous acquisition of the latter by a stock company whose Stocks are included into the List of constituent Stocks, the rules specified in Clause 3.9.6.3 hereof are applied to the spin off and the rules specified in the second paragraph of Clause 3.9.6.4 hereof, are applied to the acquisition except for the requirement to recalculate Divisor D.

In case of spin-off of a joint stock company from a joint stock company whose Stocks are included into the List of constituent Stocks with a simultaneous acquisition of the latter by a joint stock company whose Stocks are included into the List of constituent Stocks, the rules specified in Clause 3.9.6.3 hereof are applied.

In case of spin-off of a joint stock company from a joint stock company whose Stocks are included into the List of constituent Stocks with a simultaneous merger of the latter by a joint stock company whose Stocks are included into the List of constituent Stocks, the rules specified in Clause 3.9.6.3 hereof are applied to the spin off and the rules specified in Clause 3.9.6.1 hereof are applied to the merger.

In case of spin-off of a stock company from a stock company whose Stocks are included into the List of constituent Stocks with a simultaneous merger of the latter with a joint stock company whose Stocks are not included into the List of constituent Stocks, the rules specified in Clause 3.9.6.3 hereof are applied.

In case of spin-off of a joint stock company from a joint stock company whose Stocks are included into the List of constituent Stocks with a simultaneous acquisition of the latter with a joint stock company whose Stocks are included into the List of constituent Stocks, the rules specified in Clause 3.9.6.2 hereof are applied to the spin off and the rules specified in Clause 3.9.6.4 herein are applied to the acquisition, except for the requirement to recalculate Divisor D.

In case of spin-off of a joint stock company from a joint stock company whose Stocks are included into the List of constituent Stocks with a simultaneous acquisition of the latter by a joint stock company whose Stocks are not included into the List of constituent Stocks, the rules specified in Clause 3.9.6.2 hereof are applied.

In case of spin-off of a joint stock company from a joint stock company whose Stocks are included into the List of constituent Stocks with a simultaneous merger of the latter with a joint stock company whose Stocks are included into the List of constituent Stocks, the rules specified in Clause 3.9.6.2 hereof are applied to the spin off and the rules specified in Clause 3.9.6.1 hereof are applied to the merger.

In case of spin-off of a stock company from a stock company whose Stocks are included into the List of constituent Stocks with a simultaneous merger of the latter with a joint stock company whose Stocks are not included into the List of constituent Stocks, the rules specified in Clause 3.9.6.2 hereof are applied.

# Index Calculation and Disclosure Rules

* 1. The Index Committee
		1. The Index Committee performs the following functions:
			+ - forms an expert opinion, proposals and recommendations to the Exchange’s competent body about development of the management system used with regard to Indices and other indicators calculated by the Exchange;
				- develops proposals for improvement of the Methodology used to calculate Indices and other indicators;
				- carries out examination of securities in the course of Index Constituents revision;
				- develops proposals to introduce new Indices, technologies, and calculations, and provides recommendations therefor;
				- develops recommendations for disclosure of information on Indices and other indicators;
				- considers claims and proposals of Index users and where reasonable material claims occur, takes measures to develop and implement the relevant solutions in coordination with the Exchange;
				- develops proposals to improve the performance of the management system used with regard to Indices and other indicators calculated by the Exchange; trades with the relevant issues and provides recommendations.
		2. Formation, calculation, review and update of Indices and this Methodology is based on the total of management principles and rules described in the Moscow Exchange Index Management Policy.
	2. Calculation Schedule
		1. Values of the Indices are calculated at intervals specified in Appendix 1. The Total Return Indices are calculated as frequently as set out in Appendix 6. The specified frequency of Index calculation may be changed as per the Exchange’s decision, however, within limits provided for by regulatory acts of the Bank of Russia.
		2. The Indices are calculated during the main trading session. Some indices indicated in Appendix 1 are calculated also during the additional trading sessions, if any. Indices calculated during the additional trading sessions are determined by the Exchange subject to requirements set out in the Bank of Russia’s regulatory acts.
		3. First Index values published during the main trading session are opening Index values of the relevant trading day.
		4. Last Index values published during the main trading session are closing Index values of the relevant trading day.
		5. Unless otherwise provided for by regulatory acts of the Bank of Russia, the Exchange may change the start and the end time of Index calculation. Decisions taken by the Exchange in accordance with this Paragraph are communicated to trading participants at least five business days prior to the effective date thereof through disclosure of the relevant information.
	3. Index Calculation Control
		1. Where a technical failure has occurred during Index calculation, or on-Exchange trades in securities, which has resulted in corruption of data used to calculate Indices, recalculation of the previous Index values is possible, however, obtained not earlier than the previous trading day. Such recalculation is carried out within the shortest possible time from the moment the technical failure has been detected. Information on recalculated Indices is published on the Exchange’s website.
		2. Where events have occurred which can have a negative effect on the validity of Indices reflecting the actual state of the Russian financial market, the Exchange may take any actions to ensure the validity of Indices, e.g. remove Stocks from Index Constituents, set values of parameters used to calculate indicators provided for herein etc.
	4. Information Disclosure
		1. Information disclosure stipulated in this Methodology and the Bank of Russia’s regulatory acts is performed on the Exchange’s website.
		2. Where the Exchange changes measures to calculate the Indices that are based on a subjective (expert) opinion, it publishes information on reasons of such change on its website within one day after the measures were changed.
		3. In addition to information disclosed according to this Methodology, the Exchange on a daily basis discloses:
			+ - Index Constituents,
				- Information on Watch list of additions (deletions),
				- Total number of the ith Stocks (Qi) with regard to each ith Stock
				- Weight of the ith Stock with regard to each ith Stock,
				- Closing Index values,
				- RUB/USD rate used to calculate the relevant Index.
		4. Current Index values are disclosed within two minutes from the calculation moment.
		5. This Methodology, as well as information on Indices’ closing values, the total number of the ith Stocks (Qi) with regard to each ith Stock, the Weight of the ith Stock with regard to each ith Stock are publicly available on the Exchange’s website with their two-year history.
		6. Information to be disclosed according to this Methodology may also be disseminated in other ways, e.g. through information agencies spreading information on on-Exchange trades in securities.

# Appendix 1

**to the Methodology of the Moscow Exchange Indices Calculation**

**Moscow Exchange price Index List**

| **Index code** | **Index name** | **Index name in English** | **Currency** | **Calculation Frequency** |
| --- | --- | --- | --- | --- |
| IMOEX, IMOEX2\* | Индекс МосБиржи | MOEX Russia Index | RUB | Once a second throughout the main and additional trading sessions |
| RTSI | Индекс РТС | RTS Index | USD | Once a second throughout the main trading sessions |
| IMOEXW | Индекс МосБиржи – активное управление | MOEX Active Management Index | RUB | Once a day |
| MOEXBC | Индекс МосБиржи голубых фишек | MOEX Blue Chip Index | RUB | Once a second throughout the main trading sessions |
| MRBC | Индекс МосБиржи 15 | MOEX 15 Index | RUB |  |
| MOEXBMI | Индекс МосБиржи широкого рынка | MOEX Broad Market Index | RUB | Once every 15 sec throughout the main session |
| RUBMI | Индекс РТС широкого рынка | RTS Broad Market Index  | USD |
| MCXSM | Индекс МосБиржи средней и малой капитализации  | MOEX SMID Index | RUB | Once a day |
| RTSSM | Индекс РТС средней и малой капитализации | RTS SMID Index | USD |
| MOEXINN | Индекс МосБиржи инноваций | MOEX Innovation Index | RUB | Once every 15 sec throughout the main session |
| MOEXOG | Индекс МосБиржи нефти и газа | MOEX Oil and Gas Index | RUB |
| RTSog | Индекс РТС нефти и газа | RTS Oil & Gas Index | USD |
| MOEXEU | Индекс МосБиржи электроэнергетики | MOEX Electric Utilities | RUB |
| RTSeu | Индекс РТС электроэнергетики | RTS Electric Utilities Index | USD |
| MOEXTL | Индекс МосБиржи телекоммуникаций | MOEX Telecommunication Index | RUB |
| RTStl | Индекс РТС телекоммуникаций  | RTS Telecom Index | USD |
| MOEXMM | Индекс МосБиржи металлов и добычи | MOEX Metals and Mining Index | RUB |
| RTSmm | Индекс РТС металлов и добычи | RTS Metals & Mining Index | USD |
| MOEXFN | Индекс МосБиржи финансов | MOEX Financials Index | RUB |
| RTSfn | Индекс РТС финансов | RTS Finances Index | USD |
| MOEXCN | Индекс МосБиржи потребительского сектора | MOEX Consumer Index | RUB |
| RTScr | Индекс РТС потребительских товаров и розничной торговли | RTS Consumer & Retail Index | USD |
| MOEXCH | Индекс МосБиржи химии и нефтехимии | MOEX Chemicals Index | RUB |
| RTSch | Индекс РТС химии и нефтехимии | RTS Chemicals Index | USD |
| MOEXTN | Индекс МосБиржи транспорта | MOEX Transportation Index | RUB |
| RTStn | Индекс РТС транспорта | RTS Transport Index | USD | Once every 15 sec throughout the main session |
| MOEXRE | Индекс МосБиржи строительных компаний | MOEX Real Estate Index | RUB | Once a day |
| RTSre | Индекс РТС строительных компаний | RTS Real Estate Index | USD |
| MOEXIT | Индекс МосБиржи информационных технологий | MOEX IT Index | RUB | Once a day |
| RTSit | Индекс РТС информационных технологий | RTS IT Index | USD |

\* During the additional trading sessions (if any) and the main trading session, the сode “IMOEX2” can be used alongside the code “IMOEX” in respect of the MOEX Russia Index.

# Appendix 2

**to the Methodology of the Moscow Exchange Indices Calculation**

**Initial Parameters of Moscow Exchange Price Indices**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Index Code** | **Initial Value of I1 (Ic1)** | **First Calculation Date** | **Initial Value of MC1 (MCc1)** | **Initial Value of****D1 (Dc1)** |
|
| IMOEX | 100 | September 22, 1997 | RUB 240,287,712,872.71 | 2,402,877,128.73 |
| RTSI | 100 | September 01, 1995 | USD 12,666,080,264 | 126,660,802.64 |
| MOEXBMI | 1,000 | December 30, 2011 | RUB 5,714,921,368,642.70 | 5,714,921,368.6427 |
| IMOEXW | 3,008.39 | December 20, 2019 | RUB 12,284,745,918,148.80 | 4,083,495,131.3323 |
| RUBMI | 1,000 | December 30, 2011 | USD 178,017,187,340.90 | 178,017,187.3409 |
| MCXSM | 1,000 | December 17, 2012 | RUB 249,935,428,677 | 249,935,428.6769 |
| RTSSM | 1,515.27 | December 17, 2012 | USD 11,584,398,749 | 7,645,105.3272 |
| MOEXBC | 6,285.76 | April 23, 2009 | RUB 1,836,578,113,861.74 | 292,180,756.7998 |
| MRBC | 1,000 | December 29, 2017 | 6,218,324,312,661.0600 | 6,218, 324,312.6611 |
| MOEXINN | 1,000 | December 29, 2009 | RUB 428,041,076.70 | 428,041.0767 |
| MOEXOG | 1,000 | December 30, 2004 | RUB 53,793,633,597.22 | 53,793,633.5972 |
| RTSog | 100 | January 11, 2005 | USD 9,590,765,088.91 | 95,907,650.8891 |
| MOEXEU | 1,000 | December 30, 2004 | RUB 6,732,754,947.68 | 6,732,754.9477 |
| RTSeu | 100 | January 11, 2005 | USD 1,441,517,330.27 | 14,415,173.3027 |
| MOEXTL | 1,000 | December 30, 2004 | RUB 11,455,529,806.37 | 11,455,529.8064 |
| RTStl | 100 | January 11, 2005 | USD 2,422,838,888.30 | 24,228,388.8830 |
| MOEXMM | 1,000 | December 30, 2004 | RUB 349,854,916.02 | 349,854.9160 |
| RTSmm | 100 | January 11, 2005 | USD 848,833,618.13 | 8,488,336.1813 |
| MOEXFN | 1,000 | December 30, 2004 | RUB 74,334,296,834.00 | 74,334,296.8340 |
| RTSfn | 100 | January 11, 2005 | USD 4,189,660,578.42 | 41,896,605.7842 |
| MOEXCN | 1,000 | December 30, 2004 | RUB 9,977,568,980.59 | 9,977,568.9806 |
| RTScr | 100 | January 11, 2005 | USD 257,127,656.10 | 2,571,276.5610 |
| MOEXCH | 3,500 | December 29, 2006 | RUB 5,012,127,842.40 | 1,432,036.5264 |
| RTSch | 100 | December 29, 2006 | USD 190,005,187.57 | 1,900,051.8757 |
| MOEXTN | 2,500 | December 28, 2007 | RUB 38,893,555,834.62 | 15,557,422.3338 |
| RTStn | 250 | December 28, 2007 | USD 1,578,555,517.73 | 6,314,222.0709 |
| MOEXRE | 5,000 | March 20, 2020 | RUB 83,629,120,509.31 | 16,725,824.1019 |
| RTSre | 150 | March 20, 2020 | USD 1,052,290,709.96 | 7,015,271.3998 |
| MOEXIT | 5,000 | December 25, 2020 | RUB 1,951,286,456,728.32 | 390,257,291.3457 |
| RTSit | 150 | December25, 2020 | USD 26,299,610,573.94 | 175,330,737.1597 |

# Appendix 3

**to the Methodology of the Moscow Exchange Indices Calculation**

**Stock Weight Limits**

**Issuer weight limit**

The weight of Stocks of a specific Issuer must not exceed the established value as of the Index Review Date for the following indices:

|  |  |
| --- | --- |
| **Index code** | **Max weight, %** |
| IMOEX, RTSI, MOEXBMI, RUBMI | 15 |
| MOEXBC | 20 |
| MRBC | 10\* |
| MOEXINN | 30 |
| IMOEXW | 10\* |

The Weight of the Stocks of each Issuer as of the Index Review Date is determined as the limitation of the share of the estimated value of one legal entity in the mutual fund assets, established by the laws and other regulations of the Bank of Russia, less 1%.

The Weight of the Stocks of each Issuer as of the Index Review Date for Sectoral Indices is determined in accordance with the following scale:

|  |  |
| --- | --- |
| **Number of issuers in the Index** | **Limit, %** |
| 3 to 4 inclusive | 40 |
| 5 to 7 inclusive | 30 |
| 7 to 9 inclusive | 20 |
| 10 and more | 15 |

The Weight of an Issuer at the moment of the Index calculation should not exceed 30% in the following Indices:

* IMOEX,
* RTSI.

If the Weight of an Issuer in any of the Indices specified above exceeds 25% by the end of the trading day, the Exchange may decide to conduct an unscheduled review of the weighting coefficients to comply with the requirement set out above.

**Five issuers weight limit**

The sum of weights of Stocks of the top five Issuers by weight must not exceed 55% as of the Index Review Date; and must not exceed 60% for the following Indices at any time of their calculation:

* IMOEX,
* RTSI

If the total Weight of the top five Issuers in such Indices exceeds 59% at the end of the trading day, the Exchange may decide to calculate extraordinarily the weighting coefficients to meet the limit.

**5/10/40 limit**

The weight of each Issuer in the Index must not exceed 9% on the Index Review Date; and the total Weight of Issuers with the Weight exceeding 4.5% must not exceed 36%.

At any moment of the Index calculation, the Weight of any Issuer must not exceed 10%. The sum of Weights of Issuers with the Weight exceeding 5% must not exceed 40%.

The 5/10/40 limit applies to:

* MCXSM
* RTSSM

If, by the end of the trading day n-4, where n is the date when a reviewed Constituent List determined in accordance with Clause 3.8.2 takes effect, the Weight of an Issuer in the reviewed Constituent List exceeds 10% and/or the sum of Weights of Issuers whose individual Weight exceeds 5%, exceeds 40%, the Exchange may decide to update weighting coefficients applicable to the new Constituent List. The weighting coefficients are recalculated at the end of the trading day n-4 and published on the next trading day n-3.

If, by the end of the trading day, the Weight of an Issuer exceeds 10% and/or the sum of Weights of Issuers whose individual Weight exceeds 5%, exceeds 40%, the Exchange may decide to update weighting coefficients to ensure compliance with the required limit.

**Industry limit**

The total Weight of Issuers from the same industry must not exceed the following value as of the Index Review Date:

|  |  |
| --- | --- |
| **Index code** | **Maximum weight, %** |
| MCXSMRTSSM | 20 |

Appendix 4

**to the Methodology of the Moscow Exchange Indices Calculation**

**Types of Economic Activity of issuers whose shares may be included in the Sectoral Indices**

| **Index** | **Sector** | **Activity** |
| --- | --- | --- |
| MOEXOG, RTSog | Energy | Integrated oil & gas companies  |
| Oil & gas exploration & production |
| Oil & gas refining & marketing |
| Oil & gas storage & transportation |
| Oil & gas drilling |
| Oil & Gas equipment & services |
| Production and mining of coal and consumable fuels |
| MOEXCH, RTSch | Chemicals and pertochemicals | Production of basic chemicals |
| Diversified chemicals |
| Fertilizers & agricultural chemicals |
| Production of industrial gases  |
| Production of special chemicals |
| MOEXMM, RTSmm | Metals and mining | Production of aluminum  |
| Diversified production and extraction of metals, including metallurgical coal  |
| Copper ore mining |
| Gold mining  |
| Precious metals & minerals mining  |
| Silver mining |
| Steel production  |
| - | Industrials\* | Aerospace & defense |
| Manufacture of building products |
| Construction & engineering |
| Production of electrical equipment |
| Management of financial & industrial conglomerates and holdings |
| Machinery |
| Trading companies & distributors |
| MOEXTN, RTStn | Transportation | Air freight & logistics |
| Airlines |
| Marine |
| Trucking and railroads |
| Transport infractructure  |
| MOEXCN, RTScr | Consumer discretionary | Automobiles and components  |
| Consumer durables and apparel |
| Consumer services  |
| Media, advertising and publishing |
| Retailing |
| Food production |
| Household and personal products |
| Health care |
| MOEXFN, RTSfn | Financials | Banks  |
| Diversified financial services  |
| Insurance |
| MOEXTL, RTStl | Telecommunication services | Diversified telecommunication services |
| Wireless telecommunication services |
| MOEXEU, RTSeu | Electric utilities | Electric power supply |
| MOEXIT, RTSit | Information technology\* | Software and services |
| Manufacture of hi-tech hardware, semiconductors and equipment  |
| MOEXRE, RTSre | Construction\* | Real estate activities |
| Homebuilding |
| - | Multi-sector holdings\* | A company with significantly diversified holdings across more than one sector |

\* the sectoral index is not available

# Appendix 5

**to the Methodology of the Moscow Exchange Indices Calculation**

**Trademarks**

| **Index Code** | **Trademark** | **Trademark Registration Certificate No.** |
| --- | --- | --- |
| **IMOEX** | Индекс МосБиржи | 630519 |
| MOEX Russia Index | 643075 |
| **RTSI** | Индекс РТС | 322604 |
| RTS Index | 326584 |
| **MOEXBC** | Индекс МосБиржи голубых фишек | 684316 |
| **MOEXEU** | Индекс МосБиржи электроэнергетики | 684143 |
| **RTSeu** | Индекс РТС электроэнергетики | 379935 |
| RTS Electric Utilities Index | 380232 |
| **RTSfn** | Индекс РТС финансов | 380225 |
|  RTS Finances Index | 380228 |
| **RTSmm** | Индекс РТС металлов и добычи | 380229 |
| RTS Metals & Mining Index | 380227 |
| **RTSog** | Индекс РТС нефти и газа | 380231 |
| RTS Oil & Gas Index | 380230 |
| **RTScr** | Индекс РТС потребительских товаров и розничной торговли | 384024 |
| RTS Consumer & Retail Index | 380233 |
| **RTStl** | Индекс РТС телекоммуникаций | 384023 |
| RTS Telecom Index | 384022 |
| **RTSin** | Индекс РТС промышленности | 380226 |
| RTS Industrial Index | 387179 |

# Appendix 6

**to the Methodology of the Moscow Exchange Indices Calculation**

**Total Return Indices**

| **Price-weighted Index code** | **Total Return Indices** | **Denomination** |
| --- | --- | --- |
| **Gross** | **Net****(non-resident corporate tax rate)** | **Net****(resident corporate tax rate)** |  |
| **Code** | **Name** | **Code** | **Name** | **Code** | **Name** |  |
| IMOEX | MCFTR | MOEX Russia Total Return Index | MCFTRN | MOEX Russia Net Total Return (Non-Resident) Index | MCFTRR | MOEX Russia Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи полной доходности «брутто»Индекс МосБиржи полной доходности | Индекс МосБиржи полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи полной доходности «нетто» (по налоговым ставкам российских организаций) |  |
| RTSI | RTSTR | RTS Total Return Index | RTSTRN | RTS Net Total Return (Non-Resident) Index | RTSTRR | RTS Net Total Return (Resident) Index | USD |
| Индекс РТС полной доходности | Индекс РТС полной доходности «нетто» (по налоговым ставкам иностранных организаций) |  | Индекс РТС полной доходности «нетто» (по налоговым ставкам российских организаций) |  |
| IMOEXW | MCFWTR | MOEX Active Management Total Return Index  | MCFWTRN | MOEX Active Management Net Total Return (Non-Resident) Index | MCFWTRR | MOEX Active Management Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи – активное управление полной доходности | Индекс МосБиржи – активное управление полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи – активное управление полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXBC | MEBCTR | MOEX Blue Chip Total Return Index | MEBCTRN | MOEX Blue Chip Net Total Return (Non-Resident) Index |  | MOEX Blue Chip Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи голубых фишек полной доходности  |  | Индекс МосБиржи голубых фишек полной доходности «нетто» (по налоговым ставкам иностранных организаций) |  | Индекс МосБиржи голубых фишек полной доходности «нетто» (по налоговым ставкам российских организаций) | RUB |
| MRBC | MRBCTR | Индекс МосБиржи полной доходности 15 | - | - | - | - | RUB |
| MOEX 15 Total Return Index | - | - |
| MCXSM | MESMTR | MOEX SMID Total Return Index | MESMTRN | MOEX SMID Net Total Return (Non-Resident) Index | MESMTRR | MOEX SMID Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи средней и малой капитализации полной доходности | Индекс МосБиржи средней и малой капитализации полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи средней и малой капитализации полной доходности «нетто» (по налоговым ставкам российских организаций) |  |
| RTSSM | RUSMTR | RTS SMID Total Return Index | RUSMTRN | RTS SMID Net Total Return (Non-Resident) Index | RUSMTRR | RTS SMID Net Total Return (Resident) Index | USD |
| Индекс РТС средней и малой капитализации полной доходности  | Индекс РТС средней и малой капитализации полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС средней и малой капитализации полной доходности «нетто» (по налоговым ставкам российских организаций) |  |
| MOEXOG | MEOGTR | MOEX Oil and Gas Total Return Index | MEOGTRN | MOEX Oil and Gas Net Total Return (Non-Resident) Index | MEOGTRR | MOEX Oil and Gas Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи нефти и газа полной доходности  | Индекс МосБиржи нефти и газа полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи нефти и газа полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTSog | RUOGTR | RTS Oil & Gas Total Return Index | RUOGTRN | RTS Oil & Gas Net Total Return (Non-Resident) Index | RUOGTRR | RTS Oil & Gas Net Total Return (Resident) Index | USD |
| Индекс РТС нефти и газа полной доходности  | Индекс РТС нефти и газа полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС нефти и газа полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXEU | MEEUTR | MOEX Electric Utilities Total Return Index | MEEUTRN | MOEX Electric Utilities Net Total Return (Non-Resident) Index | MEEUTRR | MOEX Electric Utilities Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи электроэнергетики полной доходности  | Индекс МосБиржи электроэнергетики полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи электроэнергетики полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTSeu | RUEUTR | RTS Electric Utilities Total Return Index | RUEUTRN | RTS Electric Utilities Net Total Return (Non-Resident) Index | RUEUTRR | RTS Electric Utilities Net Total Return (Resident) Index | USD |
| Индекс РТС электроэнергетики полной доходности  | Индекс РТС электроэнергетики полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС электроэнергетики полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXTL | METLTR | MOEX Telecommunication Total Return Index | METLTRN | MOEX Telecommunication Net Total Return (Non-Resident) Index | METLTRR | MOEX Telecommunication Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи телекоммуникаций полной доходности | Индекс МосБиржи телекоммуникаций полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи телекоммуникаций полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTStl | RUTLTR | RTS Telecommunication Total Return Index | RUTLTRN | RTS Telecommunication Net Total Return (Non-Resident) Index | RUTLTRR | RTS Telecommunication Net Total Return (Resident) Index | USD |
| Индекс РТС телекоммуникаций полной доходности  | Индекс РТС телекоммуникаций полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС телекоммуникаций полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXMM | MEMMTR | MOEX Metals and Mining Total Return Index | MEMMTRN | MOEX Metals and Mining Net Total Return (Non-Resident) Index | MEMMTRR | MOEX Metals and Mining Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи металлов и добычи полной доходности  | Индекс МосБиржи металлов и добычи полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи металлов и добычи полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTSmm | RUMMTR | RTS Metals & Mining Total Return Index | RUMMTRN | RTS Metals & Mining Net Total Return (Non-Resident) Index | RUMMTRR | RTS Metals & Mining Net Total Return (Resident) Index | USD |
| Индекс РТС металлов и добычи полной доходности | Индекс РТС металлов и добычи полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС металлов и добычи полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXFN | MEFNTR | MOEX Financials Total Return Index | MEFNTRN | MOEX Financials Net Total Return (Non-Resident) Index | MEFNTRR | MOEX Financials Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи финансов полной доходности | Индекс МосБиржи финансов полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи финансов полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTSfn | RUFNTR | RTS Financials Total Return Index | RUFNTRN | RTS Financials Net Total Return (Non-Resident) Index | RUFNTRR | RTS Financials Net Total Return (Resident) Index | USD |
| Индекс РТС финансов полной доходности | Индекс РТС финансов полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС финансов полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXCN | MECNTR | MOEX Consumer Total Return Index | MECNTRN | MOEX Consumer Net Total Return (Non-Resident) Index | MECNTRR | MOEX Consumer Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи потребительского сектора полной доходности | Индекс МосБиржи потребительского сектора полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи потребительского сектора полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTScr | RUCNTR | RTS Consumer Total Return Index | RUCNTRN | RTS Consumer Net Total Return (Non-Resident) Index | RUCNTRR | RTS Consumer Net Total Return (Resident) Index | USD |
| Индекс РТС потребительских товаров и розничной торговли полной доходности | Индекс РТС потребительских товаров и розничной торговли полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС потребительских товаров и розничной торговли полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXCH | MECHTR | MOEX Chemicals Total Return Index | MECHTRN | MOEX Chemicals Net Total Return (Non-Resident) Index | MECHTRR | MOEX Chemicals Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи химии и нефтехимии полной доходности | Индекс МосБиржи химии и нефтехимии полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи химии и нефтехимии полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTSch | RUCHTR | RTS Chemicals Total Return Index | RUCHTRN | RTS Chemicals Net Total Return (Non-Resident) Index | RUCHTRR | RTS Chemicals Net Total Return (Resident) Index | USD |
| Индекс РТС химии и нефтехимии полной доходности | Индекс РТС химии и нефтехимии полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС химии и нефтехимии полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXTN | METNTR | MOEX Transportation Total Return Index | METNTRN | MOEX Transportation Net Total Return (Non-Resident) Index | METNTRR | MOEX Transportation Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи транспорта полной доходности | Индекс МосБиржи транспорта полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи транспорта полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTStn | RUTNTR | RTS Transportation Total Return Index | RUTNTRN | RTS Transportation Net Total Return (Non-Resident) Index | RUTNTRR | RTS Transportation Net Total Return (Resident) Index | USD |
| Индекс РТС транспорта полной доходности | Индекс РТС транспорта полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС транспорта полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXRE | MERETR | MOEX Real Estate Total Return Index | MERETRN | MOEX Real Estate Net Total Return (Non-Resident) Index | MERETRR | MOEX Real Estate Net Total Return (Resident) Index | RUB |
| Индекс МосБиржи строительных компаний полной доходности | Индекс МосБиржи строительных компаний полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс МосБиржи строительных компаний полной доходности «нетто» (по налоговым ставкам российских организаций) |
| RTSre | RURETR | RTS Real Estate Total Return Index | RURETRN | RTS Real Estate Net Total Return (Non-Resident) Index | RURETRR | RTS Real Estate Net Total Return (Resident) Index | USD |
| Индекс РТС строительных компаний полной доходности | Индекс РТС строительных компаний полной доходности «нетто» (по налоговым ставкам иностранных организаций) | Индекс РТС строительных компаний полной доходности «нетто» (по налоговым ставкам российских организаций) |
| MOEXIT | MEITTR | Индекс МосБиржи информационных технологий полной доходности | MEITTRN | Индекс МосБиржи информационных технологий полной доходности «нетто» (по налоговым ставкам иностранных организаций) | MEITTRR | Индекс МосБиржи информационных технологий полной доходности «нетто» (по налоговым ставкам российских организаций) | RUB |
| MOEX IT Total Return Index | MOEX IT Net Total Return (Non-Resident) Index | MOEX IT Net Total Return (Resident) Index |
| RTSit | RUITTR | Индекс РТС информационных технологий полной доходности | RUITTRN | Индекс РТС информационных технологий полной доходности «нетто» (по налоговым ставкам иностранных организаций) | RUITTRR | Индекс РТС информационных технологий полной доходности «нетто» (по налоговым ставкам российских организаций) | USD |
| RTS IT Total Return Index | RTS IT Net Total Return (Non-Resident) Index | RTS IT Net Total Return (Resident) Index |

**Initial parameters of MOEX Total Return Indices**

| **Index Symbol** | **Initial value** | **Inception date** |
| --- | --- | --- |
| MCFTR | 552,22 | 30.12.2004 |
| MCFTRN |
| MCFTRR |
| RTSTR | 614,11 | 31.12.2004 |
| RTSTRN |
| RTSTRR |
| MCFWTR | 5101,91 | 20.12.2019 |
| MCFWTRN | 4714,13 |
| MCFWTRR | 4811,92 |
| MEBCTR | 6 285,76 | 23.04.2009 |
| MEBCTRN |
| MEBCTRR |
| MRBCTR | 1000 | 29.12.2017 |
| MESMTR | 896,03 | 30.12.2013 |
| MESMTRN |
| MESMTRR |
| RUSMTR | 1281,96 | 30.12.2013 |
| RUSMTRN |
| RUSMTRR |
| MEOGTR | 3491,14 | 30.12.2013 |
| MEOGTRN |
| MEOGTRR |
| RUOGTR | 206,41 | 30.12.2013 |
| RUOGTRN |
| RUOGTRR |
| MEEUTR | 1032,39 | 30.12.2013 |
| MEEUTRN |
| MEEUTRR |
| RUEUTR | 79,59 | 30.12.2013 |
| RUEUTRN |
| RUEUTRR |
| METLTR | 2402,69 | 30.12.2013 |
| METLTRN |
| METLTRR |
| RUTLTR | 224,33 | 30.12.2013 |
| RUTLTRN |
| RUTLTRR |
| MEMMTR | 2264,99 | 30.12.2013 |
| MEMMTRN |
| MEMMTRR |
| RUMMTR | 144,99 | 30.12.2013 |
| RUMMTRN |
| RUMMTRR |
| MEFNTR | 5362,37 | 30.12.2013 |
| MEFNTRN |
| MEFNTRR |
| RUFNTR | 283,78 | 30.12.2013 |
| RUFNTRN |
| RUFNTRR |
| MECNTR | 6245,95 | 30.12.2013 |
| MECNTRN |
| MECNTRR |
| RUCNTR | 431,02 | 30.12.2013 |
| RUCNTRN |
| RUCNTRR |
| MECHTR | 6468,1 | 30.12.2013 |
| MECHTRN |
| MECHTRR |
| RUCHTR | 205,72 | 30.12.2013 |
| RUCHTRN |
| RUCHTRR |
| METNTR | 1375,42 | 30.12.2013 |
| METNTRN |
| METNTRR |
| RUTNTR | 102,36 | 30.12.2013 |
| RUTNTRN |
| RUTNTRR |
| MERETR | 5000 | 20.03.2020 |
| MERETRN |
| MERETRR |
| RURETR | 150 | 20.03.2020 |
| RURETRN |
| RURETRR |
| MEITTR | 5000 | 25.12.2020 |
| MEITTRN |
| MEITTRR |
| RUITTR | 150 | 25.12.2020 |
| RUITTRN |
| RUITTRR |

Total return indices are calculated at intervals of once a day.