DERIVATIVES MARKET GUIDE

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(Unofficial Translation)

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1 INTRODUCTION

Borsa İstanbul Derivatives Market (VİOP) is designed for trading futures and options contracts based on economic or financial indicators and capital market instruments, as well as other derivative products in an electronic environment.

This document contains basic information on the trading system, risk management and clearing rules of Derivatives Market. Any revisions in the operation rules will be announced to Borsa İstanbul members later along with the Market Circulars.

2 MARKETS

2.1 MAIN BOARDS

It is the board in which the orders are matched between normal session and price fixing session. There are 13 main boards in the trading system as "Index Options Main Board", "Index Futures Main Board", "Equity Options Main Board", "Equity Futures Main Board", "Currency Futures Main Board", "Currency Options Main Board", "Energy Futures Main Board", "Commodity Futures Main Board", "Foreign Indices Futures Main Board", "EFT Futures Main Board", "Metal Futures Main Board", "Overnight Repo Rate Main Board" and "Precious Metal Futures Main Board".

2.1.1 Equity Options Main Board

In Equity Options Main Board, option contracts written on single stocks are traded.

2.1.2 Index Options Main Board

In Index Options Main Board, option contracts written on BIST 30 Index are traded.

2.1.3 Equity Futures Main Board

Future contracts written on single stocks are traded in Equity Futures Main Board.

2.1.4 Index Futures Main Board

In Index Futures Main Board, futures contracts written on BIST 30 Index are traded.

2.1.5 Currency Futures Main Board

In Currency Futures Main Board, USDTRY, EURTRY and EUR/USD currency futures contracts are traded.

2.1.6 Currency Options Main Board

In Currency Options Main Board, USDTRY options contracts will be traded.

2.1.7 Energy Futures Main Board

In Energy Futures Main Board, Base Load Electricity futures contracts are traded.

2.1.8 Precious Metal Futures Main Board

In Precious Metal Futures Main Board, Gold and US Dollar/Ounce Gold futures contracts are traded.

2.1.9 Commodity Futures Main Board

In Commodity Futures Main Board, Aegean Cotton and Anatolian Red Wheat futures contracts are traded.

2.1.10 Foreign Indices Futures Main Board

In Foreign Indices Futures Main Board, SASX 10 Index futures contracts are traded.

2.1.11 ETF Futures Main Board

Exchange Traded Funds futures contracts are traded.

2.1.12 Metal Futures Main Board

Metal futures contracts are traded.

2.1.13 Overnight Repo Rate Futures Main Board

Overnight repo rate futures contracts are traded.

2.2 NEGOTIATED DEALS BOARDS

In Negotiated Deals Board, orders that are defined for each contract and have bigger volumes are traded. Negotiated deals are realized with the approval of Borsa İstanbul following the approval of order counterparty. In the giving order process checks like minimum volume of order, whether the code of counterparty member agent is written correctly is done. In case of a Borsa İstanbul disapproval the order is not realized and the negotiated deal is cancelled. The related Borsa İstanbul approval may be given automatically. Approval/Cancellation is announced to the buyer and seller. It is not possible to match orders partially in this board. The prices formed by negotiated deals are not used in the calculation of settlement prices.

There are 13 negotiated deals boards as "Index Options Negotiated Deals Board", "Index Futures Negotiated Deals Board", "Equity Futures Negotiated Deals Board", "Equity Options Negotiated Deals Board", "Currency Futures Negotiated Deals Board", "Currency

Options Negotiated Deals Board", "Energy Futures Negotiated Deals Board", "Commodity Futures Negotiated Deals Board", "Foreign Indices Futures Negotiated Deals Board" and "Precious Metal Futures Negotiated Deals Board", EFT Futures Negotiated Deals Board", "Metal Futures Negotiated Deals Board", "Overnight Repo Rate Futures Negotiated Deals Board".

2.3   ADVERTISING BOARD

The counterparty of orders in advertising board is not known and the orders are given unilaterally and followed from the Advertising Board Screen. In case of an order match in Advertising Board, the order is realized in Negotiated Deals Board with the approval of Borsa İstanbul.

It is not possible to match orders partially in this board. In the Advertising Board the price and time priorities are created as follows:

a) In case of an existence of more than one order with same volume the rule of price and time priority rule is valid.

b) In case of an existence of more than one order with different volume, the rule of price and time priority rule is not valid.

In negotiated deals, automatic order match is not applied. Borsa İstanbul approval is needed for order matching on the negotiated deals board. The related Borsa İstanbul approval may be given automatically. In cases with Borsa İstanbul disapproval, the trade is not executed and the orders are cancelled.

3 CONTRACT SPECIFICATIONS

3.1 UNDERLYING ASSETS

Underlying assets may be securities such as equities, debt securities and also currencies, commodities etc. that are determined by the Exchange.

3.2 CONTRACT SIZE

Contract sizes for futures and options contracts that are traded in VİOP are defined in contract specifications.

3.3 PRICE QUOTATION AND MINIMUM PRICE TICK

Price tick is stated as the minimum price fluctuation that can be occurred in one tick at the contract price. Price quotation and minimum price tick are defined in contract specifications as differentiating based on security type.

3.4 CONTRACT MONTHS

Contract months are defined in contract specifications as differentiating based on security type.

3.5 EXPIRY DATE AND THE LAST TRADING DAY OF CONTRACT

Expiry date and the last trading day of contract are the last business day of each contract month. In case domestic markets are closed for half day due to an official holiday, expiry date and the last trading day shall be the preceding business day.

For example, assuming that the settlement period for equity based future and option contracts subject to physical delivery is T+3, the last trading day of the equity based option contracts will be January 31, 2013 and physical delivery will be realized on February 5, 2013.

3.6 SETTLEMENT METHOD

The settlement method is defined in the contract specifications.

3.7 CONTRACT SPECIFICATIONS – SUMMARY

Specifications of the contract traded at VİOP are summarized in the below tables:

3.7.1 Single Stock Option Contract

Table1: Single Stock Option Contract Specifications

Contract Specification	Explanation
Underlying	Equities selected by Borsa Istanbul.
Option Class	Call and put options
Exercise Style	European; an option may only be exercised on the expiry date.
Contract Size (Standard Contract)	One standard single stock option contract represents 100 shares of underlying stock. In cases of capital increase through rights/bonus issues, dividend payment, (if dividend yield is >%10), merger and similar events (corporate actions) which influence the price and quantity of the underlying asset, where the Exchange changes the price, strike prices and/or multiplier, the contract size may be determined as different from the standard contract size. In such cases, different single stock option contracts with standard and non-standard contract sizes of the same underlying asset may be traded.
Price Quotation and Minimum Price Tick (Standard Contract)	On the order book, premium offers are shown on the basis of 1 underlying asset. In other words, the offers for single stock options contract in the Market are entered on the basis of the premium given on the basis of 1 unit of the underlying asset. The premium price of a single stock option contract is entered into the system with two digits after the comma. Quantity offers are entered as 1 contract and its multiples.
Contract Months	February, April, June, August, October and December (Contracts with two different expiration months nearest to the current month shall be traded concurrently. If December is not one of those two months, an extra contract with an expiration month of December shall be launched.)
Settlement Method	Physical delivery
Daily Settlement Price	At the end of the session, the daily settlement price is calculated as follows and rounded to the nearest price tick: a) The weighted average price of all the trades performed within the last 10 minutes of the normal session, b) If less than 10 trades were executed in the last 10 minutes of the session, the weighted average price of the last 10 trades performed during the session, c) If less than 10 trades were performed during the session, the weighted average price of all the trades performed during the session, d) If no trades were performed, theoretical prices calculated in consideration prices of underlying asset and other contracts based on the same underlying asset will be determined as the daily settlement price. If the daily settlement price cannot be calculated in accordance with the above methods by the end of the session, or it is decided that the prices calculated do not reflect the market correctly, the Exchange may determine the daily settlement price in consideration of theoretical price, spot price of the underlying asset, the previous day's settlement price or the best bid and ask prices at the end of the session. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is

Contract Specification	Explanation
	under reserve.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	Settlement period is T+3 for physical delivery and T+1 for the cash. Premiums paid are collected starting from T day from the accounts and premiums received are transferred to the accounts by T+1.
Daily Price Limit	There is no price limit for single stock options.
Strike (Exercise) Prices	Strike prices of the single stock option contracts in the trading system shall be determined in accordance with the following table.

Strike Price Intervals (TRY)	Strike Price Increments (TRY)
0.01 – 1.00	0.05
1.00 – 2.50	0.10
2.50 – 10.00	0.25
10.00 – 25.00	0.50
25.00 – 50.00	1.00
50.00 – 100.00	2.50
100.00 – 250.00	5.00
250.00 – 500.00	10.00
500.00 -1,000.00	25.00
1,000.00 and upper	50.00

Contracts will be formed in the trading system, for the strike price levels within the ±20% limit range calculated on the basis of closing price of the spot market session. This limit may be changed in parallel with the price limit of underlying asset by Borsa Istanbul Board. At least one of these contracts will start trading at five different strike price levels; one in-the-money, one at-the money, and three out-of-the money.

Single stock options with new strike prices in line with the price movements of the underlying asset in the session are introduced for trading automatically in the trading system. Contracts, for which there are open positions or orders, will continue to trade even if they fall out of the ±20% limit range. Upon the request of members, suspended contracts in the system may be opened to trade. |
| Trading Hours | Trading takes place between 09:10 - 17:40 in a single session. |
| Collateral and Margining Rules | Initial Margin: Set by the SPAN portfolio margining method. Required Collateral: The sum of initial margin and physical delivery collateral. Maintenance Margin: 75% of required collateral. |

3.7.2   Single Stock Futures Contract

Table 2: Single Stock Futures Contract Specifications

Contract Specification	Explanation

Contract Specification	Explanation
Underlying	Equities selected by Borsa Istanbul.
Contract Size (Standard Contract)	One standard single stock future contract represents 100 shares of underlying stock. In cases of capital increase through rights/bonus issues, dividend payment, (if dividend yield is >%10), merger and similar events (corporate actions) which influence the price and quantity of the underlying asset, where The Exchange changes the price, and/or multiplier, the contract size may be determined as different from the standard contract size. In such cases, different single stock future contracts with standard and non-standard contract sizes of the same underlying asset may be traded.
Price Quotation and Minimum Price Tick (Standard Contract)	On the order book, offers are shown on the basis of 1 underlying asset. In other words, the offers in the Market are entered on the basis of the price given on the basis of 1 unit of underlying asset. The price of a single stock future contract is entered into the system with two digits after the comma. Quantity offers are entered as 1 contract and its multiples.
Contract Months	February, April, June, August, October and December (Contracts with two different expiration months nearest to the current month shall be traded concurrently. If December is not one of those two months, an extra contract with an expiration month of December shall be launched.)
Settlement	Physical delivery
Daily Settlement Price	The daily settlement price used for updating accounts following the end of the session is calculated as follows and rounded to the nearest price tick: a) The weighted average price of all the trades performed within the last 10 minutes of the normal session, b) If less than 10 trades were executed in the last 10 minutes of the session, the weighted average price of the last 10 trades performed during the session, c) If less than 10 trades were performed during the session, the weighted average price of all the trades performed during the session, d) If no trades were performed during the session, the settlement price of the previous day, will be determined as the daily settlement price. If the daily settlement price cannot be calculated in accordance with the above methods by the end of the session, or it is decided that the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods. a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Day (Final) Settlement Price	The final settlement price of single stock futures contracts shall be the closing price of the spot market session on the last trading day. The final settlement price will be determined by the Settlement Price Committee if the session in the spot market was partly or entirely closed, or price was not discovered despite the fact that the market was open on the last trading day.
Last Trading	Last business day of each contract month. In case domestic markets are closed for half day

Contract Specification	Explanation
Day	due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+3 for physical delivery and T+1 for cash operations. Premium liabilities are collected starting from T day from the accounts while premium receivables are transferred to the accounts by T+1.
Base Price and Daily Price Limit	Base Price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price limit. For other days, base price is the settlement price of the previous day. Daily price limit is equal to ±20% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Trading takes place between 09:10 - 17:40 in a single session.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Required Collateral: The sum of initial margin and physical delivery collateral. Maintenance Margin: 75% of required collateral.

3.7.3 BIST 30 Options Contract

Table 3: BIST 30 Options Contract Specifications

Contract Specification	Explanation
Underlying	BIST-30 Price Index
Option Class	Put and Call Options
Option Type	European; an option may only be exercised on the expiry date.
Contract Size	Underlying security is the 1/1000 of the index values. Contract size is 100 underlying securities. (For example, BIST-30 Index/1,000)* TRY 100 = (78,000/1,000)*100 = TRY 7,800.00).
Price Quotation and Minimum Price Tick	Prices are offered for the premium value of one underlying security. TRY 0.01 per underlying security = TRY1.00 per contract. Quantity quotations are entered as one contract and its multiples.
Contract Months	February, April, June, August, October and December (Contracts with three different expiration months nearest to the current month shall be traded concurrently. If December is not one of those three months, an extra contract with an expiration month of December shall be launched.)
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the normal session, d) If no trades were done, theoretical prices calculated, considering prices of underlying asset and other contracts based on the same underlying asset,

Contract Specification	Explanation
	will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the Exchange may determine the daily settlement price in consideration of theoretical price, the previous day's settlement price or the best bid and ask prices at the end of the session. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	For call options, The final settlement price shall be calculated by weighting of the time weighted average of index values of the last 30 minutes of continuous auction in the equity market and closing price of the index with 80% and 20%, respectively. The difference between the calculated weighted average price (divided by 1000) and strike price is rounded to the nearest price tick and called as the final settlement price. For put options, The final settlement price shall be calculated by weighting of the time weighted average of index values of the last 30 minutes of continuous auction in the equity market and closing price of the index with 80% and 20%, respectively. The difference between strike price and the weighted average price (divided by 1000) is rounded to the nearest price tick and called as the final settlement price. The final settlement price will be determined by the Settlement Price Committee if the session and/or closing session in the spot market was partly or entirely closed, or price was not discovered despite the fact that the market was open on the last trading day.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Premiums paid are deducted from the accounts starting from the end of T day, while premiums received are added to the accounts by T+1.
Daily Price Limit	There is no price limits for BIST 30 Options
Strike Prices	Strike price tick is 2 (2,000 index points) Strike prices shall be set at 10% above, and at 10% below the previous day's last closing price of the underlying index. Board of Directors may decide to change this limit. For each maturity, at least seven strike prices such that two are "in the money", one is "at the money" and four are "out of the money" shall be opened. Intraday, new strikes shall be opened automatically according to the price fluctuations of the underlying asset. Strikes with positions or open orders shall be available for trading even if they are out of the limits. Upon the request of members, suspended contracts in the system may be opened to trade.
Trading Hours	Trading takes place between 09:10 - 17:45 in a single session.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.4 Mini BIST 30 Options Contract

Table 4: Mini BIST 30 Options Contract Specifications

Contract Specification	Explanation
Underlying	BIST-30 Price Index
Option Class	Put and Call Options
Option Type	European; an option may only be exercised on the expiry date.
Contract Size	Underlying security is the 1/1000 of the index values. Contract size is 1 underlying securities. (For example, BIST-30 Index/1,000)* TRY 1 = (78,000/1,000)*1 = TRY 78.00).
Price Quotation and Minimum Price Tick	Prices are offered for the premium value of one underlying security as two digits after decimal point. Quantity quotations are entered as one contract and its multiples.
Contract Months	February, April, June, August, October and December (Contracts with three different expiration months nearest to the current month shall be traded concurrently. If December is not one of those three months, an extra contract with an expiration month of December shall be launched.)
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the normal session, d) If no trades were done, theoretical prices calculated, considering prices of underlying asset and other contracts based on the same underlying asset, will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the Exchange may determine the daily settlement price in consideration of theoretical price, the previous day's settlement price or the best bid and ask prices at the end of the session. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	For call options, The final settlement price shall be calculated by weighting of the time weighted average of index values of the last 30 minutes of continuous auction in the equity market and closing price of the index with 80% and 20%, respectively. The difference between the calculated weighted average price (divided by 1000) and strike price is rounded to the nearest price tick and called as the final settlement price. For put options, The final settlement price shall be calculated by weighting of the time weighted average of index values of the last 30 minutes of continuous auction in the equity market and closing price of the index with 80% and 20%, respectively. The difference between strike price and

Contract Specification	Explanation
	the weighted average price (divided by 1000) is rounded to the nearest price tick and called as the final settlement price. The final settlement price will be determined by the Settlement Price Committee if the session and/or closing session in the spot market was partly or entirely closed, or price was not discovered despite the fact that the market was open on the last trading day.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Premiums paid are deducted from the accounts starting from the end of T day, while premiums received are added to the accounts by T+1.
Daily Price Limit	There is no price limits for BIST 30 Options
Strike Prices	Strike price tick is 5 (5,000 index points) Strike prices shall be set at 10% above, and at 10% below the previous day's last closing price of the underlying index. Board of Directors may decide to change this limit. For each maturity, at least seven strike prices such that two are "in the money", one is "at the money" and four are "out of the money" shall be opened. Intraday, new strikes shall be opened automatically according to the price fluctuations of the underlying asset. Strikes with positions or open orders shall be available for trading even if they are out of the limits. Upon the request of members, suspended contracts in the system may be opened to trade.
Trading Hours	Trading takes place between 09:10 - 17:45 in a single session.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.5   BIST 30 Futures Contract

Table 5: BIST 30 Futures Contract Specifications

Contract Specification	Explanation
Underlying	BIST-30 Price Index
Contract Size	Underlying security is the 1/1000 of the index values. Contract size is 1 underlying securities. (For example, BIST-30 Index/1,000)* TRY 100 = (78,000/1,000)*100 = TRY 7,800.00).
Price Quotation and Minimum Price Tick	On the order book, prices are shown on the basis of 1 unit of underlying asset. In other words, the offers for index futures in the Market are entered on the basis of the price given on the basis of 1 unit of the underlying asset. After index value is divided by 1,000 the price of an index future is entered into the trading system with three digits after the comma, and the minimum price tick is 0.025 (25 BIST 30 Index Point) (for example: 102.325, 102.350, etc.). Quantity offers are entered as 1 contract and its multiples.
Contract Months	February, April, June, August, October and December (Contracts with three different expiration months nearest to the current month shall be traded concurrently. If December is not one of those three months, an extra contract with an expiration month of December shall be launched.)
Settlement	Cash Settlement

Contract Specification	Explanation
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the normal session, d) If no trades were done during the session, the settlement price of the previous day, will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods. a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	The final settlement price of BIST 30 futures contracts shall be calculated by weighting of the time weighted average of index values of the last 30 minutes of continuous auction in the equity market and closing price of the index with 80% and 20%, respectively. The calculated weighted average is divided by 1000, rounded to the nearest price tick, and called as the final settlement price. The final settlement price will be determined by the Settlement Price Committee if the session and/or closing session in the spot market was partly or entirely closed, or price was not discovered despite the fact that the market was open on the last trading day.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in setting the daily price limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±15% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Trading takes place between 09:10 - 17:45 in a single session.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.6 USDTRY Futures Contract

Table 6: USDTRY Futures Contract Specifications

Contract Specification	Explanation
Underlying	TRY/USD Parity
Contract Size	1,000 USD
Price Quotation and Minimum Price Tick	Prices shall be quoted in terms of Turkish Lira per USD significant to four decimals. The minimum price tick is 0.0001 (0.0001*1000 = TRY 0.1 for each contract) Sample quote: TRY1.7750, TRY 1.7751, TRY 1.7752
Contract Months	Cycle months are February, April, June, August, October and December. Four contracts whose expiration months are the current month, the next calendar month, the next cycle month and December shall be concurrently traded. If there are less than four contracts, an extra contract with an expiration month of December of the next year shall be launched.
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The volume weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the volume weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the volume weighted average price of all the trades executed during the session, d) If no trades were realized during the session, the previous day settlement price is determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods. a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	The average of USDollar selling and buying rate announced by the Central Bank of the Republic of Turkey at 15:30 of the last trading day. The Last Settlement Price shall be rounded to the nearest tick.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price change limits. For the other days, base price is the settlement price of the previous day.

Contract Specification	Explanation
	Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to17:45
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.7   EURTRY Futures Contract

Table 7: EURTRY Futures Contract Specifications

Contract Specification	Explanation
Underlying	TRY/EUR Parity
Contract Size	1,000 EUR
Price Quotation and Minimum Price Tick	Prices shall be quoted in terms of Turkish Lira per Euro significant to four decimals. The minimum price tick is 0.0001 (0.0001*1000 = TRY 0.1 for each contract) Sample quote: TRY 2.3750, TRY 2.3751, TRY 2.3752
Contract Months	Cycle months are February, April, June, August, October and December. Four contracts whose expiration months are the current month, the next calendar month, the next cycle month and December shall be concurrently traded. If there are less than four contracts, an extra contract with an expiration month of December of the next year shall be launched.
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick:

a) The volume weighted average price of all the trades executed within the last 10 minutes of the session,
b) If less than 10 trades were realized in the last 10 minutes of the session, the volume weighted average price of the last 10 trades executed during the session,
c) If less than 10 trades were realized in the session, the volume weighted average price of all the trades executed during the session,
d) If no trades were realized during the session, the previous day settlement price is determined as the daily settlement price.

If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods.
a) The average of the best buy and sell quotations at the end of the session,
b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract

Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve. |
| Expiry Date (Final) | The average of Euro selling and buying rate announced by the Central Bank of the Republic of Turkey at 15:30 of the last trading day. The Last Settlement Price shall be rounded to the |

Contract Specification	Explanation
Settlement Price	nearest tick
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price change limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to17:45
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.8   EUR/USD Futures Contract

Table 8: EUR/USD Futures Contract Specifications

Contract Specification	Explanation
Underlying	EUR/USD parity
Contract Size	1,000 EUR
Price Quotation and Minimum Price Tick	Prices shall be quoted in terms of US Dollars per 1Euro significant to four decimals. The minimum price tick is 0.0001 (0.0001*1000 = USDollars 0.1 for each contract).
Contract Months	Cycle months are February, April, June, August, October and December. Four contracts whose expiration months are the current month, the next calendar month, the next cycle month and December shall be concurrently traded. If there are less than four contracts, an extra contract with an expiration month of December of the next year shall be launched.
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The volume weighted average price of all the trades executed within the last 10 minutes of the session, b) If less than 10 trades were realized in the last 10 minutes of the session, the volume weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the volume weighted average price of all the trades executed during the session, d) If no trades were realized during the session, the previous day settlement price is determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price

Contract Specification	Explanation
	may be determined by using one or more of the following methods a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	Indicative EUR/USD Cross Rate announced by CBRT at 15:30 on the last trading day. The Last Settlement Price shall be rounded to the nearest tick.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price change limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to17:45
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.
Exchange Rate of Dollar	The calculations related to this contract for converting the values in US Dollars to Turkish Lira are based on US Dollar buying rate announced by the Central Bank of the Republic of Turkey at 3:30 pm. If deemed necessary or in case US Dollar rate is not announced by CBRT, the exchange rate of Dollar may be updated using the exchange rates in the spot market.

3.7.9 USDTRY Options Contract

Table 9: USDTRY Options Contract Specifications

Contract Specification	Explanation
Underlying	TRY/USD Parity
Option Class	Put and Call Options
Option Type	European; an option may only be exercised on the expiry date.
Contract Size	1,000 USD
Price Quotation and Minimum Price Tick	Prices shall be entered for 1,000 USD as the premium value in terms of Turkish Lira significant to one decimal. (Example: 20.1, 20.2 etc.) Minimum price tick is 0.1. Quantity quotations are entered as one contract and its multiples.
Contract Months	All calendar months (2 consecutive months - the current contract month and the next calendar month shall be concurrently traded)

Contract Specification	Explanation
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the normal session, d) If no trades were performed, theoretical prices calculated in consideration prices of underlying asset and other contracts based on the same underlying asset will be determined as the daily settlement price. If the daily settlement price cannot be calculated in accordance with the above methods by the end of the session, or it is decided that the prices calculated do not reflect the market correctly, the Exchange may determine the daily settlement price in consideration of theoretical price, the previous day's settlement price or the best bid and ask prices at the end of the session. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	For call options Final settlement price is calculated as the difference between the value of multiplying the average of USDollar selling and buying rate announced by the Central Bank of the Republic of Turkey at 15:30 of the last trading day by 1,000 and the option contract's strike price. The final value is rounded to the nearest price tick. For put options Final settlement price is calculated as the difference between the option contract's strike price and the value of multiplying the average of USDollar selling and buying rate announced by the Central Bank of the Republic of Turkey at 15:30 of the last trading day by 1,000. The final value is rounded to the nearest price tick. If the related selling rate is not announced by CBRT on the last trading day, the final settlement price shall be determined by the Settlement Price Committee.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Premiums paid are deducted from the accounts starting from the end of T day, while premiums received are added to the accounts by T+1.
Daily Price Limit	There is no price limits for USDTRY Options.
Strike Prices	Strike price tick For call options, 50 Turkish Lira (Example: 2,000 , 2,050 , 2,100 etc.) For put options, 25 Turkish Lira (Example: 2,000 , 2,025 , 2,050 etc.) Contracts will be formed in the trading system, for the strike price levels within the ±10%

Contract Specification	Explanation
	limit range calculated on the basis of the value of multiplying the average of USDollar selling and buying rate announced by the Central Bank of the Republic of Turkey at 15:30 of the last trading day by 1,000. Board of Directors may decide to change this limit. At four different strike prices such that one is "in the money", one is "at the money" and two are "out of the money" shall be opened for each of call and put options. Intraday, new strikes shall be opened automatically according to the price fluctuations of the underlying asset. Strikes with positions or open orders shall be available for trading even if they are out of the limits. Upon the request of members, suspended contracts in the system may be opened to trade.
Trading Hours	Continuous trading from 09:10 to17:45.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.10 Gold Futures Contract

Table 10: Gold Futures Contract Specifications

Contract Specification	Explanation
Underlying	Pure gold
Contract Size	1 gram
Price Quotation and Minimum Price Tick	Value of 1 gram gold shall be quoted in terms of Turkish Lira significant to two decimals. The minimum price tick is TRY 0.01
Contract Months	February, April, June, August, October and December (Contracts with three different months nearest to the current month shall be traded concurrently.)
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the session, b) If less than 10 trades were realized in the last 10 minutes of the session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the previous day settlement price is determined as the daily settlement price will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract

Contract Specification	Explanation
	Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	LBMA Gold Price P.M. (released by ICE Benchmark Administration in the afternoon), shall be converted to TRY/gram price and called as the final settlement price. In calculations, the average of US Dollar selling and buying rate announced by the Central Bank of the Republic of Turkey at 15:30 (for USDTRY conversion) and 31.1035 (for ounce/gram conversion) shall be used as the conversion factors. If the afternoon fixing price is not released, the gold fixing price (USD/ounce) released in the morning (A.M. price) shall be used as the final settlement price. If the fixing prices are not released due to official holidays or another reason, the average of bid and ask gold prices (USD/ounce) announced on the international spot market at 17:00 (Istanbul time) shall be used. The final settlement price found by the above methods is rounded to the nearest price tick.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price change limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to17:45
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.11 USD/Ounce Gold Futures Contract

Table 11: USD/Ounce Gold Futures Contract Specifications

Contract Specification	Explanation
Underlying	Pure gold
Contract Size	1 ounce of gold
Price Quotation and Minimum Price Tick	Value of 1 ounce gold shall be quoted in terms of US Dollars significant to two decimals (Example:1,450.05 or 1,450.10). The minimum price tick is 0.05. Value of one tick corresponds to 0.05 US Dollars.
Contract Months	February, April, June, August, October and December (Contracts with three different months nearest to the current month shall be traded concurrently)
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the

Contract Specification	Explanation
	session, b) If less than 10 trades were realized in the last 10 minutes of the session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the previous day settlement price is determined as the daily settlement price will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	LBMA Gold Price P.M. (released by ICE Benchmark Administration in the afternoon), shall be used as the final settlement price. If the afternoon fixing price is not released, the gold fixing price released (USD/ounce) in the morning (A.M. price) shall be used as the final settlement price. If the fixing prices are not released due to official holidays or another reason, the average of bid and ask gold prices (USD/ounce) announced on the international spot market at 17:00 (Istanbul time) shall be used. The final settlement price found by the above methods is rounded to the nearest price tick.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price change limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to17:45
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.
Exchange Rate of Dollar	The calculations related to this contract for converting the values in US Dollars to Turkish Lira are based on US Dollar buying rate announced by the Central Bank of the Republic of Turkey at 3:30 pm. If deemed necessary or in case US Dollar rate is not announced by CBRT, the exchange rate of Dollar may be updated using the exchange rates in the spot market.

3.7.12 Aegean Cotton Futures Contract

Table 12: Aegean Cotton Futures Contract Specifications

Contract Specification	Explanation
Underlying	Aegean Standard 1 Cotton
Contract Size	1 ton
Price Quotation and Minimum Price Tick	Value of 1 Kg Aegean Standard 1 cotton shall be quoted in terms of Turkish Lira significant to three decimals. Last digit after the decimal point shall be either 0 (zero) or 5 (five). The minimum price tick is 0.005. Value of one tick corresponds to TRY 5. Sample quote = 2.125or 2.410
Contract Months	2 nearest months out of March, May, July, October and December
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the session, b) If less than 10 trades were realized in the last 10 minutes of the session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the previous day settlement price is determined as the daily settlement price. will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the above methods by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	Weighted arithmetic mean of Aegean Standard 1 cotton prices announced by Izmir Mercantile Exchange at the last trading day of the contract month and minimum two business days prior to the last trading day. If there are insufficient trades during these days, price quotations are taken from minimum twelve members of İzmir Mercantile Exchange (Price interval must be lower than %1). After eliminating the best and the worst prices, the arithmetic mean of the available prices at the Izmir Mercantile Exchange is declared as the last settlement price. Settlement Price Committee decides whether trades at spot market is sufficient or not.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.

Contract Specification	Explanation
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price change limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Trading takes place between 09:10 - 17:45 in a single session.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.13 Anatolian Red Wheat Futures Contract

Table 13: Anatolian Red Wheat Futures Contract Specifications

Contract Specification	Explanation
Underlying	Anatolian Hard Red wheat (Bezostaja-1, Dogu- 88, Gün- 91, Haymana- 79, Ikizce- 96, Karasu- 90, Lancer, Odeskaya- 51, Sahin) Above said wheat species specified as the wheat species that make up the Anatolian Hard Red wheat are determined based on the classification made by the TMO (Turkish Grain Board). Additionally the commodity registered as "Anatolian Hard Red wheat" by the spot exchanges is also included in the species listed above. In case of any change in the TMO's classification criteria, new quality wheat matching the quality of the wheat specified as Anatolian Hard Red wheat and wheat species make up this quality shall be deemed as underlying asset of this contract.
Contract Size	5,000 kg (5 tons)
Price Quotation and Minimum Price Tick	Value of 1 Kg Anatolian Hard Red wheat shall be quoted in terms of Turkish lira significant to four decimals. Last digit after the decimal point shall be either 0 (zero) or 5 (five) (as in TRY/kg 0.3865 or 0.3870). The minimum price tick is 0.0005. Value of one tick corresponds to TRY 2.50.
Contract Months	March, May, July, September and December (Contracts with two different months nearest to the current month shall be traded concurrently).
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the session, b) If less than 10 trades were realized in the last 10 minutes of the session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the previous day settlement price is determined as the daily settlement price. will be determined as the daily settlement price.

Contract Specification	Explanation
	If the daily settlement price cannot be calculated with the methods above by the end of the session, or it is decided that the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	The Last Settlement Price shall be calculated as follows: 1. Obtaining the prices to be used: A. Volume weighted average of the closing prices of the first, second, third and fourth degree Anatolian Hard Red wheat prices formed at Polatlı and Konya Grain Exchange shall be calculated for the last trading day and one business day before that separately. (this way maximum of four prices shall be obtained.) B. Prices for Anatolian Hard Red wheat formed at Edirne, Eskisehir, Gaziantep, Karaman, Corum, Uzunkopru and Yozgat Grain Exchanges for the last trading day and one business day before that shall be obtained. (this way maximum of fourteen prices shall be obtained.) • If no price is formed at the Polatlı and Konya Grain Exchange, for any one of the first, second, third and fourth degree Anatolian Hard Red wheat, price and quantity data available for the other degrees shall be regarded in the volume weighted average price calculation. • If no price is formed at the Polatlı or Konya Grain Exchange, for none of the first, second, third and fourth degree Anatolian Hard Red wheat, it shall be deemed that price and quantity data is not obtainable from the Polatlı or Konya Grain Exchange for that day. • If no price is formed for Anatolian Hard Red wheat at the other Exchanges other than the Polatlı and Konya Grain Exchange on the last trading day or one business day before that, it shall be deemed that price and quantity information is not obtainable from such Exchanges for that day. In such case price information from such exchanges (mentioned in Article B) shall not be included in weighted average price calculation. Arithmetic average of all prices described above (maximum of 18 prices) shall be considered as the last settlement price. If the spot markets prices are released on the business days following the last trading day, Settlement Price Committee may announce the settlement price on the business day following the last trading day or on the last trading day by disregarding those spot market prices missing to be released on the last trading day. The Exchange may increase or cut the number of exchanges, where price information is obtained from for calculating the Last Settlement Price, under suitable conditions. The Settlement Price Committee may increase or cut the number of days on which price information is obtained from the spot markets for calculating the Last Settlement Price. The Settlement Price Committee may regard price information available at a particular point of the trading sessions held at the spot exchanges considering the trading and clearing hours of the Exchange. Prices obtained from the spot markets shall be regarded as exclusive of Value Added Tax and other sales taxes alike that may arise in connection with physical delivery of the underlying asset, if required.

Contract Specification	Explanation
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price change limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Trading takes place between 09:10 - 17:45 in a single session.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.14 Base-Load Electricity Futures Contract

Table 14: Base-Load Electricity Futures Contract Specifications

Contract Specification	Explanation
Underlying	The basic arithmetic average of the Unconstrained Market Clearing Prices announced by Turkish Electricity Transmission Company for each hour of the contract month.
Contract Size	Number of hours in the contract month x 0.1 MWh Number of hours in the contract month: Number of days in the contract month x 24. The contract size shall vary depending on the number of days in the contract month and summer/winter time. For the day of transition from winter time to summer time, the number of hours shall be applied as 23. For the day of transition from summer time to winter time, the number of hours shall be applied as 25. Example: • The contract size for 30 day contract months is 72 MWh (30x24x0.1MWh), • The contract size for 31 day contract months is 74.4 MWh (31x24x0.1MWh), • The contract size for 28 day contract months is 67.2 MWh (28x24x0.1MWh), • The contract size for 29 day contract month of February is 69.6 MWh (29x24x0.1MWh) These contract sizes shall not be applied for contract months in transition from winter time to summer time or vice versa.
Price Quotation and Minimum Price Tick	1 MWh of electricity shall be quoted in terms of Turkish lira significant to two decimals. (Example: 121.20) The minimum price tick is 0.10 (Example: Tick value is TRY 7.2 for the contracts with size 72 MWh, TRY 7.44 for the contracts with size 74,4 MWh, TRY 6.72 for the contracts with size 67,2 MWh, TRY 6.96 for the contracts with size 69,6 MWh)
Contract Months	All calendar months (The current contract month and the nearest 15 contract months shall be concurrently traded).
Settlement	Cash Settlement

Contract Specification	Explanation
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the session, b) If less than 10 trades were realized in the last 10 minutes of the session, the weighted average price of the last 10 trades executed during the session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the previous day settlement price is determined as the daily settlement price. will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the above methods by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	The Last Settlement Price shall be the basic arithmetic average of the Unconstrained Market Clearing Prices announced by Turkish Electricity Transmission Company for each hour of the contract month. The Last settlement price determined with the above-mentioned methods shall be rounded to nearest price tick.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in calculating the daily price change limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to 17:45.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.15 SASX 10 Index Futures Contract

Table 15: SASX 10 Index Futures Contract Specifications

Contract Specification	Explanation
Underlying	Price Index named "The Sarajevo Stock Exchange Index 10" of the Sarajevo Stock Exchange.
Contract Size	SASX 10 Index value multiplied by 1 TRY.
Price Quotation and Minimum Price Tick	On the order book, prices are shown on the basis of 1 unit of underlying asset. In other words, the offers in the Market are entered on the basis of the price given on the basis of 1 unit of the underlying asset. Price of the contract is entered into the trading system with two digits after the comma (Ex. 750.50), and the minimum price tick is 0.25 (Ex. 750.50; 750.75, etc.). Quantity offers are entered as 1 contract and its multiples.
Contract Months	February, April, June, August, October and December. (Contracts with two different expiration months nearest to the current month shall be traded concurrently.)
Settlement	Cash Settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the normal session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the settlement price of the previous day, will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods. a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	The final settlement price of SASX 10 futures contracts shall be the closing price of the related index. This value is rounded to the nearest price tick, and called as the final settlement price. The final settlement price will be determined by the Settlement Price Committee if the spot market was entirely closed in the spot market that underlying security is traded, or price was not discovered or index value could not be calculated despite the fact that the market was open on the last trading day.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.

Contract Specification	Explanation
Settlement Period	T+1 (first day following the expiry date) Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in setting the daily price limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±15% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to 17:45.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.16 Steel Scrap Futures Contract

Table 16: Steel Scrap Futures Contract Specifications

Contract Specification	Explanation
Underlying	HMS 1&2 80:20 CFR Iskenderun Steel Scrap Index
Contract Size	10 tons
Price Quotation and Minimum Price Tick	Value of 1 ton steel scrap shall be quoted in terms of US Dollars significant to two decimals. The minimum price tick is USD 0.01.
Contract Months	Cycle months are March, June, September and December. Four contracts whose expiration months are the current month, the next calendar month and two next cycle month shall be concurrently traded.
Settlement	Cash settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the normal session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the settlement price of the previous day, will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods.

Contract Specification	Explanation
	a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	The Last Settlement Price shall be the basic arithmetic average of the daily prices announced by index provider for the contract month. If the final settlement price cannot be calculated because of insufficient data or the prices calculated do not reflect the market correctly, the final settlement price may be determined by using one or more of the following methods. a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering similar contracts traded at foreign markets, price of the underlying on the cash market or the daily settlement price for other contract months of the contract.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1. Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in setting the daily price limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±10% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to 17:45.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.
Exchange Rate of Dollar	The calculations related to this contract for converting the values in US Dollars to Turkish Lira are based on US Dollar buying rate announced by the Central Bank of the Republic of Turkey at 3:30 pm. If deemed necessary or in case US Dollar rate is not announced by CBRT, the exchange rate of Dollar may be updated using the exchange rates in the spot market.

3.7.17 FBIST ETF Futures Contract

Table 17: FBIST ETF Futures Contract Specifications

Contract Specification	Explanation

Contract Specification	Explanation
Underlying	Finans Portföy FTSE Istanbul Bono FBIST Exchange Traded Fund
Contract Size	10 FBIST ETF share traded at Borsa Istanbul
Price Quotation and Minimum Price Tick	On the order book, prices are shown on the basis of 1 unit of underlying asset. In other words, the offers for FBIST futures in the Market are entered on the basis of the price given on the basis of 1 unit of the underlying asset. The price of the contract is entered into the trading system with two digits after the comma (Ex: 216,50) and the minimum price tick is 0.025 (Ex: 216,50 ; 216,75 etc.) Quantity offers are entered as 1 contract and its multiples.
Contract Months	February, April, June, August, October and December. Contracts with two different expiration months nearest to the current month shall be traded concurrently.
Settlement	Cash settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the normal session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the settlement price of the previous day, will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods. a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	Indicative value of the one ETF share announced at 14:00 of the last trading day.
Last Trading Day	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, last trading day shall be the preceding business day.
Expiry Date	Last business day of the contract month. In case domestic markets are closed for half day due to an official holiday, expiry date shall be the preceding business day.
Settlement Period	T+1 Losses are deducted from the accounts starting from the end of T day, profits are

Contract Specification	Explanation
	added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in setting the daily price limits. For the other days, base price is the settlement price of the previous day.
	Daily price limit is equal to ±20% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to 17:45.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.18 Monthly Overnight Repo Rate Futures Contract

Table 18: Monthly Overnight Repo Rate Futures Contract Specifications

Contract Specification	Explanation
Underlying	The monthly compounding average of weighted average overnight repo rate with same value date at Borsa Istanbul Interbank Repo Reverse Repo Market.
Contract Size	Nominal Value = TRY 1.000.000 $\text{Contract Size} = 1.000.000 \times \left(\frac{N}{365}\right) \times 0,01$ N: The number of calendar days in a contract month
Price Quotation and Minimum Price Tick	Price is entered to the system as a two digit value of interest rate multiplied by 100. (Example: 10.05, 10.06 etc.) Minimum price tick is 0.01. The tick value is; For the month with 30 days: 8.21918 For the month with 31 days: 8.49315 For the month with 29 days: 7.94521 For the month with 28 days: 7.67123
Contract Months	All calendar months (The current contract month and the nearest three contract months shall be concurrently traded)
Settlement	Cash settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the normal session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the settlement price of the previous day, will be determined as the daily settlement price.

Contract Specification	Explanation
	If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods. a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	The final settlement price is calculated as follows ; $$EDSP = \left[\prod_{i=1}^{N_0} \left(1 + \frac{r_i \times n_i}{365} \right) - 1 \right] \times \frac{365}{N} \times 100$$ N : The number of calendar days in a contract month N_0: The number of business days in the calculation period. n_i : The number of calendar days in the relevant calculation period on which the rate is r_i r_i : The weighted average repo rate at Interbank Repo Reverse Repo Market for i day The previous weighted average overnight repo rate with same value date may be used for days which the trading at Borsa Istanbul Interbank Repo Reverse Repo Market cannot be operated at any trading day and/or the weighted average overnight repo rate cannot be determined. The final settlement price will be determined by the Settlement Price Committee if the price is not determined with methods above or the calculated prices do not reflect the market accurately.
Last Trading Day	Last business day of the contract month.
Expiry Date	Last business day of the contract month.
Settlement Period	T+1 Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in setting the daily price limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±50% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to 17:45.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

3.7.19 Quarterly Overnight Repo Rate Futures Contract

Table 18: Quarterly Overnight Repo Rate Futures Contract Specifications

Contract Specification	Explanation
Underlying	The quarterly compounding average of weighted average overnight repo rate with same value date at Borsa Istanbul Interbank Repo Reverse Repo Market.

Contract Specification	Explanation
Contract Size	Nominal Value = TRY 1.000.000 $\text{Contract Size} = 1.000.000 \times \left(\frac{N}{365}\right) \times 0{,}01$ N: The number of calendar days in a contract month
Price Quotation and Minimum Price Tick	Price is entered to the system as a two digit value of interest rate multiplied by 100. (Example: 10.05, 10.06 etc.) Minimum price tick is 0.01. The tick value is; For the first quarter with 90 days: 24.65753 For the first quarter with 91 days: 24.93151 For the second quarter with 91 days: 24.93151 For the third and fourth quarters with 92 days: 25.20548
Contract Months	March, June, September, December. (The nearest eight contract months shall be concurrently traded.)
Settlement	Cash settlement
Daily Settlement Price	The daily settlement price is calculated as follows at the end of the session and rounded to the nearest price tick: a) The weighted average price of all the trades executed within the last 10 minutes of the normal session, b) If less than 10 trades were realized in the last 10 minutes of the normal session, the weighted average price of the last 10 trades executed during the normal session, c) If less than 10 trades were realized in the session, the weighted average price of all the trades executed during the session, d) If no trades were done during the session, the settlement price of the previous day, will be determined as the daily settlement price. If the daily settlement price cannot be calculated with the methods above by the end of the session, or the prices calculated do not reflect the market correctly, the daily settlement price may be determined by using one or more of the following methods. a) The average of the best buy and sell quotations at the end of the session, b) Theoretical prices are calculated considering spot price of the underlying asset or the daily settlement price for other contract months of the contract. Trades executed on Negotiated Deals Market will not be taken into consideration in the above calculations. The Settlement Price Committee's right to change the daily settlement price is under reserve.
Expiry Date (Final) Settlement Price	The final settlement price is calculated as follows ; $$\text{EDSP} = \left[\prod_{i=1}^{N_0} \left(1 + \frac{r_i \times n_i}{365} \right) - 1 \right] \times \frac{365}{N} \times 100$$ N : The number of calendar days in a contract month N_0: The number of business days in the calculation period. n_i : The number of calendar days in the relevant calculation period on which the rate is r_i r_i : The weighted average repo rate at Interbank Repo Reverse Repo Market for i day The previous weighted average overnight repo rate with same value date may be used for days which the trading at Borsa Istanbul Interbank Repo Reverse Repo Market cannot be operated at any trading day and/or the weighted average overnight repo rate

Contract Specification	Explanation
	cannot be determined. The final settlement price will be determined by the Settlement Price Committee if the price is not determined with methods above or the calculated prices do not reflect the market accurately.
Last Trading Day	Last business day of the contract month.
Expiry Date	Last business day of the contract month.
Settlement Period	T+1 Losses are deducted from the accounts starting from the end of T day, profits are added to the accounts by T+1.
Base Price and Daily Price Limit	Base price is the price determined by the Settlement Price Committee on the day the relevant contract is introduced for trading, and used in setting the daily price limits. For the other days, base price is the settlement price of the previous day. Daily price limit is equal to ±50% of the base price determined for each contract. If the upper or lower limit so calculated does not correspond to a price tick, the upper limit will be rounded to the upper price tick; and the lower limit, to the lower price tick.
Trading Hours	Continuous trading from 09:10 to 17:45.
Collateral and Margining Rules	Initial Margin: Set by the SPAN portfolio margining method. Maintenance Margin: 75% of the required collateral.

4 CONTRACT STRUCTURES

Contract structures are designed as contract types based on physical assets and contracts based on contract types. Each contract is traded at least one board.

4.1 UNDERLYING ASSETS

Underlying assets are those securities which are in the Trading System and the contracts are written on. Underlying assets ensure that all contracts that are written on the same underlying asset are classified in a single group.

4.2 CONTRACT TYPES

"Future Contract" or *"American (A) or European (E) Type Option Contract"* group defined for each underlying asset forms a contract type.

For example, "F_YKBNK" represents a future contract type written on the equities of Yapı ve Kredi Bankası A.Ş., "O_AKBNKE" represents a European type option contract written on the equities of Akbank T.A.Ş whereas "O_XU030E" represents a European type option on BIST 30.

4.3 CONTRACTS

Based on each contract type, future contracts with different maturities and each of call and put option contracts with different maturities and strike prices make up the contracts.

For example, "F_YKBNK1012S0" contract code represents a standard future contract with October 2012 maturity, "O_AKBNKE0414C10.00S0" contract code represents a standard European type call option with a strike price of 10 TL and April 2014 maturity while"O_XU030E0513P104.000S0" contract code represents a standard European type put option with a strike price of 104,000 and May 2013 maturity.

4.3.1 Contract Months

Contract months are differentiated based on security type and defined in the contract specifications.

If contract months are defined as "three contract months are introduced simultaneously as for the current month, for the following month and the cycle month" in the contract specifications, future and option contracts for the following contract month will be introduced in consideration of the cycles cited above on the first trading day that follows the last trading day. For example, on the first business day that follows the maturity of the contract with January maturity (namely, the first business day of February), in addition to the contracts with February and March maturity that are already being traded, contracts with June maturity will start trading.

Expiry date is the last business day of the maturity month. However, American type options may be exercised on any business day prior to the expiry date.

4.3.2 Contract Codes

The features and trading codes of the contracts to be traded on the Market are announced by Borsa İstanbul.

4.3.2.1 Future Contract

For future contracts, contract codes are created in a way to include information on the contract type, underlying asset, mini contract code, maturity date and whether the contract size is standard or not.

Example: F_XAUTRYM0614S0				
F	**SAHOL**	**M**	**0614**	**S0**
Futures	Underlying asset code	Mini contract code	Maturity date (MMYY-June 2014)	S: Standard N: Non-Standard (as a result of corporate action)

4.3.2.2 Option Contract

For option contracts, contract codes are created in a way to include information on the contract type, underlying asset code, mini contract code, maturity date, option class (C/P), strike price and whether the contract size is standard or not.

Example: O_XU030ME0414P96.000S0							
O	**XU030**	**M**	**E**	**0414**	**P**	**96.000**	**S0**
Option	Underlying asset code	M: Mini contract code	A: American-option (can be exercise on or before maturity) E: European-option (can be exercise on maturity	Contract maturity date (MMYY-April 2014)	C: Call option P: Put option	Strike price	S: Standard N: Non-Standard(as a result of corporate action)

4.3.3 Exercise Type for Option Contracts

Depending on whether they are American (A) or European (E) type, options may be exercised on the maturity date (E) or on any date on or before maturity (A). Single Stock, index and currency options are European type.

4.3.4 Settlement Method and Settlement Price

Open interests on single stock future contracts shall be closed by physical settlement method on the expiry date. On the other hand open interests on single stock option contracts that have not been exercise on the expiry date will be cancelled by the system. The right to exercise option contracts is vested with long position holders only. Exercise will be completed with physical delivery, which requires the delivery of the underlying asset of the contracted size by short call and long put position holders to long call and short put position holders.

In Index Option Contracts, if accounts with long positions are in the money automatic exercise is applied. When automatic exercise is applied at maturity the losses are withdrawn from short position holders and profits are deposited to long position holders the next day.

Cash settlement is stated for BIST 30 Index option, Mini BIST 30 Index option, BIST 30 Index futures, USDTRY futures, EURTRY futures, EUR/USD futures, USDTRY option, Gold futures, US Dollar/Ounce futures, Aegean Cotton futures, Anatolian Red Wheat futures, SASX 10 Index futures and Base Load Electricity futures contracts.

4.3.4.1 Daily Settlement Price

Daily settlement price is the price which is taken as basis for re-evaluating the open positions and updating the accounts at the end of the day. The Exchange determines and announces the daily settlement prices at the end of each trading day, and the last settlement prices at the expiry date, in accordance with the methods envisaged in the relevant contact.

4.3.5 Standard and Non-Standard Contract Sizes

Standard single stock futures and option contracts will represent 100 units of equity. On the other hand, if Borsa İstanbul applies a price and/or multiplier revision in the event of a capital increase through rights/bonus issues, etc. that would affect the price and amount of the underlying asset (corporate actions), the contract size may differ from the standard contract size. In such cases, future and option contracts on the same underlying asset of standard and non-standard contract sizes are traded on the Market.

4.3.6 Strike Prices

In the case of option contracts, strike prices refer to the prices at which the option holder may buy (for call options) and those at which the option holder may sell (put options).

Example 1:

O_AKBNKE0912C8,00S0 contract represents a call option with a strike price of 8 TRY. This contract entitles its holder (investor with long position) to buy 100 units of Akbank equities at 8 TRY on the expiry date of September 28, 2012.

If the spot price of the underlying asset is over 8 TRY, the option contract is in-the-money, at 8 TRY, it is at-the-money, and if the price falls below 8 TRY, the option contract will be out-of-the-money.

Example 2:

O_AKBNKE0912P10,00S0 contract represents a put option with a strike price of 10 TRY. This contract entitles its holders (investors with long position) to sell 100 units of Akbank equities at 10 TRY by the maturity date of September 28, 2012.
If the spot price of the underlying asset is below 10 TRY, the option contract is in-the-money, at 10 TRY, it is at-the-money, and if the price rises over 10 TRY, the option contract will be out-of-the-money.

4.3.7 Strike Price Tick

The strike price tick for single stock options to start trading will be determined as follows on the basis of the price of the underlying asset, and will be applied as two decimal points after the comma.

Table16: Strike Price Tick

Option Contract Strike Price Gap(TRY)	Strike Price Tick (TRY)
0.01 – 1.00	0.05
1.00 – 2.50	0.10
2.50 – 10.00	0.25
10.00 – 25.00	0.50
25.00 – 50.00	1.00
50.00 – 100.00	2.50
100.00 – 250.00	5.00
250.00 – 500.00	10.00
500.00 – 1,000.00	25.00
1,000.00 and over	50.00

Strike price tick for index options is 2 (2,000 index points).

Strike price tick for mini index options is 5 (5,000 index points).

Strike price tick for USDTRY options;
- For call options, 50 Turkish Lira (Example: 2,000 , 2,050 , 2,100 etc.)
- For put options, 25 Turkish Lira (Example: 2,000 , 2,025 , 2050 etc.)

4.3.8 Strike Price Change Limit

A strike price change limit of 20% for the strike prices of single stock option contracts and 10% for index and USDTRY option contracts are defined to the system, in line with the price change limit in the underlying asset.

For single stock options,

> **Strike Price Change Upper Limit to be Introduced**
> Weighted Average Price of the Underlying Asset in the Previous Session * 1.20

> ## Strike Price Change Lower Limit to be Introduced
> Weighted Average Price of the Underlying Asset in the Previous Session *0.80

For index and USDTRY options

> ## Strike Price Change Upper Limit to be Introduced
> Price of the Underlying Index in the Previous Session * 1.10
> (USDollar selling rate announced by CBRT*1,000) * 1.10

> ## Strike Price Change Lower Limit to be Introduced
> Price of the Underlying Index in the Previous Session *0.90
> (USDollar selling rate announced by CBRT*1,000) * 0.90

Contracts are defined in the system at the end of each day and contracts so defined are uploaded on the Trading System on the following trading day. The average weighted spot price of the underlying asset in the second session is used in defining new contracts, and as indicated above, all strike prices, based on the strike price ticks equal to strike price intervals of +20% and -20% of this price for each contract month and +10% and -10% of closing price of underlying index and the value of multiplying USDollar selling rate announced by the Central Bank of the Republic of Turkey at 15:30 of the last trading day by 1,000 are defined in the system.

> **Example:**
> Strike price change limit for O_TCELL E contract type is defined as 20%.
> The average weighted price of the underlying asset in the previous session is 10 TRY.
> The upper limit of the strike prices of the contracts to start trading = 10 * 1.20 = 12
> The lower limit of the strike prices of the contracts to start trading = 10 * 0.80 = 8
>
> Therefore, contracts with the lowest strike prices that may start trading during the day
> * O_ TCELLE1211C8,00S0 and O_ TCELLE1211P8,00S0;and
> contracts with the highest strike prices that may start trading during the day will be
> * O_ TCELLE1211C12,00S0 and O_ TCELLE1211P12,00S0.

> **Example:**
> Strike price change limit for O_XU030E contract type is defined as 10%.
>
> Closing price of underlying index in last session is 86.391,14. Underlying asset price 86,391.
> The upper limit of the strike prices of the contracts to start trading =86,391 * 1,10 = 95,03 (rounded to price tick)
> The lower limit of the strike prices of the contracts to start trading = 86,391 * 0,90 = 77,75(rounded to price tick)
>
> Therefore, contracts with the lowest strike prices that may start trading during the day
> - O_XU030E0613C78,00S0 and O_XU030E0613P78,00S0 and,
> contracts with the highest strike prices that may start trading during the day will be
> - O_XU030E0613C94,00S0 and O_XU030E0613P94,00S0

> **Example:**
> Strike price change limit for O_TRYUSD contract type is defined as 10%.
>
> USDollar selling rate announced by CBRT is 2.2118. Underlying asset price 2,212.
> The upper limit of the strike prices of the contracts to start trading = 2,212 * 1.10 = 2,433.2
> The lower limit of the strike prices of the contracts to start trading = 2,212 * 0.90 = 1,990.8
>
> Therefore, contracts with the lowest strike prices that may start trading during the day
> - O_TRYUSDE0614C2000S0 and O_TRYUSDEP06142000S0 and,
> contracts with the highest strike prices that may start trading during the day will be
> - O_TRYUSDE0614C2400S0 and O_TRYUSDEP06142425S0

4.3.9 Strike Prices that will be introduced to trading

Contracts will be formed in the trading system, for the strike price levels within the ±20% limit range calculated on the basis of the weighted average price of each underlying asset in the spot market during the last session. This limit may be changed in parallel with the price limit of underlying asset by Borsa Istanbul Board. At least one of these contracts will start trading at five different strike price levels; one in-the-money, one at-the money, and three out-of-the money. Single stock options with new strike prices in line with the price movements of the underlying asset in the session are introduced for trading automatically in the trading system. Contracts, for which there are open positions or orders, will continue to trade even if they fall out of the ±20% limit range.

For index and mini index option contracts, strike prices shall be set at 10% above, and at 10% below the previous day's last closing price of the underlying index. Board of Directors may decide to change this limit. For each maturity, at least seven strike prices such that two are "in the money", one is "at the money" and four are "out of the money" shall be opened. Intraday, new strikes shall be opened automatically according to the price fluctuations of the underlying asset. Strikes with positions or open orders shall be available for trading even if they are out of the limits.

USDTRY option contracts will be formed in the trading system, for the strike price levels within the ±10% limit range calculated on the basis of the value of multiplying USDollar selling rate announced by the Central Bank of the Republic of Turkey at 15:30 of the last trading day by 1,000. Board of Directors may decide to change this limit. At three different strike prices such that one is "at the money" and two are "out of the money" shall be opened for each of call and put options. Intraday, new strikes shall be opened automatically according to the price fluctuations of the underlying asset. Strikes with positions or open orders shall be available for trading even if they are out of the limits.

Upon the request of members, suspended contracts in the system may be opened to trade for all option contracts.

Example 1:
The following call and put options for an underlying asset with a spot market price of 2.50 TRY (for example EREGLI) will start trading with an at-the-money strike price of 2.50 TRY.

O_EREGLE0912C2.40S0	O_EREGLE0912P2.20S0
O_EREGLE0912C2.50S0	O_EREGLE0912P2.30S0
O_EREGLE0912C2.75S0	O_EREGLE0912P2.40S0
O_EREGLE0912C3.00S0	**O_EREGLE0912P2.50S0**
O_EREGLE0912C3.25S0	O_EREGLE0912P2.75S0

Example 2:
The following call and put options for an underlying asset with a spot market price of 200.00 TRY will start trading with an at-the-money strike price of 200.00 TRY.

O_TCELLE0912C195.00S0	O_TCELLE0912P185.00S0
O_TCELLE0912C200.00S0	O_TCELLE0912P195.00S0
O_TCELLE0912C205.00S0	O_TCELLE0912P195.00S0
O_TCELLE0912C210.00S0	**O_TCELLE0912P200.00S0**
O_TCELLE0912C215.00S0	O_TCELLE0912P205.00S0

In addition to the contracts with the current strike price in the system, contracts that are in-the-money, at-the-money and out-of-the-money according to the movements of the underlying asset in the spot market may also start trading *(For example; if the spot price in*

Example 1 falls from 2.50 to 2.3, the at-the-money contract will be 2.30, and contracts with strike prices of 2.20 and 2.40 will start trading). However, with the exception of one at-the-money, one in-the-money, and one out-of-the-money contracts in line with the price movements, contracts may be suspended at the end of the day if there are no open orders or positions, and may re-start trading in line with further price movements.

4.3.10 Base Price and Daily Price Limits

Base price is the price that is used in calculating the daily price limits of contracts which are introduced for trading. Daily price limits are the lowest and the highest value that is calculated as absolute amount or ratio which each contracts will be able to move in a day. Base price and daily price limit are defined in the contract specifications.

5 CORPORATE ACTIONS

5.1 CORPORATE ACTIONS AND ADJUSTMENT FACTOR

Events made by company including but not limited to capital increase through rights/bonus issues, dividend payment, consolidation, a spin-off or any other event that may influence the price and/or quantity of the underlying asset are called "corporate actions".

In the event that at least one event classified as corporate action occurs in the underlying asset, Borsa İstanbul shall adjust the price and/or contract size for the relevant contract, and new contracts will be introduced for trading.

In the event of a corporate action, the price of the equity will be adjusted in the spot markets. In line with this, a number of adjustments are made in future and option contracts. Such adjustments are made on the basis of the below three parameters:

- Contract size
- Price
- Strike Price

The "**adjustment factor"** that will be used in all of these adjustments is calculated according to the following formula and expressed in 8 digits after the comma.

> ### Adjustment Coefficient (AC)
> New Weighted Average Price (WAP) of the Underlying Asset/The Last Session WAP of the Underlying Asset

5.2 CORPORATE ACTIONS PROCEDURE

In the event of corporate actions, initially, the price of the underlying asset will be changed using the adjustment factor. For all active or suspended contracts that have an open position, N coded non-standard contracts will be created. With these contracts, everything excluding the contract size, strike prices and the previous day's prices will be the same as those in the original standard contracts. The open positions in the converted standard contracts will be transferred to the newly created non-standard contracts. Standard contracts that do not carry any open positions, on the other hand, will be terminated and the open orders for these contracts are cancelled.

$$\text{New Contract Size = Old Contract Size / AC}$$
$$\text{New Price = Old Price x AC}$$
$$\text{New Strike Price = Old Strike Price x AC}$$

- No contracts with new strike prices will be created on N coded (non-standard) contracts.
- For N coded contracts, no new maturities will be opened instead of those that have expired.
- If there are no open positions and orders in N coded contracts at the end of the day, the contracts will stop trading.

In addition to N coded contracts, new S coded contracts with a standard contract size will start trading.

Example:

The following values for AKBNKE contract type are valid as of February 23, 2012:

- Strike price tick: 0.25 (Option contract strike price gap 2.5-5.0)
- Strike price tick: 0.50 (Option contract strike price gap 5.0-10.0)
- Previous day closing period (last n minutes of the session) WAP : 6.72
- WAP for the previous session:6.80
- Standard contract size: 100
- The contract multiplier is rounded to the nearest integer number
- Underlying asset price decimal digits: 2
- Contract type price decimal digits: 2
- Strike price upper limit: 6.80 * 1.20 = 8.16
- Strike price lower limit: 6.80 * 0.80 = 5.44

Since AKBNK's closing period average weighted price on the previous day is 6.72, contracts with strike price of 6.50 will be accepted as at-the-money contracts. Since it's February, the contracts will be of February, March and June maturities. Therefore, the following contracts will start trading.

Contract Size =100	Contract Size =100	Contract Size =100
AKBNKE0212C6,00S0	AKBNKE0312C6,00S0	AKBNKE0612C6,00S0
AKBNKE0212C6,50S0	AKBNKE0312C6,50S0	AKBNKE0612C6,50S0
AKBNKE0212C7,00S0	AKBNKE0312C7,00S0	AKBNKE0612C7,00S0
AKBNKE0212P6,00S0	AKBNKE0312P6,00S0	AKBNKE0612P6,00S0
AKBNKE0212P6,50S0	AKBNKE0312P6,50S0	AKBNKE0612P6,50S0
AKBNKE0212P7,00S0	AKBNKE0312P7,00S0	AKBNKE0612P7,00S0

Example (continued)

In AKBNK equity, the WAP in the last interval and at the end of day were, respectively, 6.75 and 6.70 on February 23, 2012. A corporate action occurred on the equity starting from February 24, 2012.

The new WAP of the equity was calculated at 3.75. The adjustment factor = 3.75 /6.70 = 0.55970149 (the adjustment factor rounded to 8 digits after comma).The procedures to be followed at the beginning of February 24, 2012 are as follows:

a) AKBNK equity new "periodical WAP" = 6.75 * 0.55970149 = 3.78 (underlying asset will be rounded to the price tick)

b) AKBNK equity new "end of the previous session WAP" = 6.70 * 0.55970149 = 3.75 (underlying asset will be rounded to the price tick)

c) AKBNK equity multiplier value for N coded contracts = 100 / 0.55970149 = 179 (Contract multiplier rounded to an integer number)

d) New N contracts will be created for all existing contracts carrying open positions.

The strike prices of these new contracts will be determined by multiplying the old strike price with the adjustment factor (and rounded to the nearest "contract type price tick").

Strike Price	Adjustment Factor	New Strike Prices (Old Strike Price * Adj. Factor)	Rounded New Strike Prices
6.00	0.55970149	3.35820894	3.36
6.50	0.55970149	3.63805969	3.64
7.00	0.55970149	3.91791043	3.92

Following these adjustments, N coded non-standard contracts will be as follows:

Contract Size = 179	Contract Size = 179	Contract Size = 179
AKBNKE0211C3,36N1	AKBNKE0311C3,36N1	AKBNKE0611C3,36N1
AKBNKE0211C3,64N1	AKBNKE0311C3,64N1	AKBNKE0611C3,64N1
AKBNKE0211C3,92N1	AKBNKE0311C3,92N1	AKBNKE0611C3,92N1
AKBNKE0211P3,36N1	AKBNKE0311P3,36N1	AKBNKE0611P3,36N1
AKBNKE0211P3,64N1	AKBNKE0311P3,64N1	AKBNKE0611P3,64N1
AKBNKE0211P3,92N1	AKBNKE0311P3,92N1	AKBNKE0611P3,92N1

Example (continued)

All open positions in S coded contracts will be transferred to the relevant N coded contracts opened according to the corporate action adjustment. Following the transfer, the existing contracts will stop trading and no N coded contracts with new strike priecs will be created.

Of the existing active and suspended contracts, those with no open positions will be closed and open orders, if any, will be cancelled. New S coded contracts (contract size = 100) will be created. Strike prices will be rounded to price ticks.

Strike Price Upper Limit = 3.75 * 1.20 = 4.50

Strike Price Lower Limit = 3.75 * 0.80 = 3.00

On the first day, contracts with strike prices of maximum 4.50 TRY and minimum 3.00 TRY according to the change of the underlying asset will start trading. Contracts that will start trading at the first stage will be as follows, on the basis of 3.75 TRY, which is discovered by rounding the newly calculated periodical WAP of 3.78 to the nearest price tick.

Contract Size = 100	Contract Size = 100	Contract Size = 100
AKBNKE0211C3,50S1	AKBNKE0311C3,50S1	AKBNKE0611C3,50S1
AKBNKE0211C3,75S1	AKBNKE0311C3,75S1	AKBNKE0611C3,75S1
AKBNKE0211C4,00S1	AKBNKE0311C4,00S1	AKBNKE0611C4,00S1
AKBNKE0211P3,50S1	AKBNKE0311P3,50S1	AKBNKE0611P3,50S1
AKBNKE0211P3,75S1	AKBNKE0311P3,75S1	AKBNKE0611P3,75S1
AKBNKE0211P4,00S1	AKBNKE0311P4,00S1	AKBNKE0611P4,00S1

If after the trading starts, the price of AKBNK equity is 3.90, the strike price of the at-the-money contract will be 4.00. When the average weighted price is 4.00, since there must be at least one in-the-money and one out-of-the-money contract trading, contracts with a strike price of 4.25 will also start trading. The extra contacts that will start trading are as follows:

Contract Size = 100	Contract Size = 100	Contract Size = 100
AKBNKE0211C4,25S1	AKBNKE0311C4,25S1	AKBNKE0611C4,25S1
AKBNKE0211P4,25S1	AKBNKE0311P4,25S1	AKBNKE0611P4,25S1

While new strike prices are introduced for S coded contracts; this is not the case for N coded contracts.

If a further corporate action occurs while S1 and N1 coded contracts are traded, in line with the procedures above:

a) N2 coded non-standard contracts will start trading instead of the current N1 coded contracts and the open positions in N1 coded contracts will be transferred to N2 coded contracts and N1 coded contracts will stop trading.

b) N3 coded non-standard contracts will start trading instead of the current S1 coded contracts and the open positions in S1 coded contracts will be transferred to N3 coded contracts and S1 coded contracts will stop trading.

c) Furthermore, S2 coded new standard contracts will start trading.

The procedure for options explained above will be applied for future contracts as well excluding the rules about strike prices.

6 MEMBERS AND PRINCIPLES OF MEMBERSHIP

6.1 MARKET MEMBERSHIP

Membership with the Exchange is necessary for trading at the Market. As envisaged in the Clearing Legislation, Market members may be general central counterparty member or direct central counterparty member or they may receive clearing guarantee from a general central counterparty member.

6.1.1 Information and Documents for Market Membership Application

In addition to the information and documents envisaged in Borsa Istanbul legislation for Market membership, the following must be submitted:

a) Letter of market membership application,
b) Notarized copies of the Intermediation for the Purchase and Sale of Derivative Instruments License issued by the Capital Markets Board,
c) Notary attested Letter of Undertaking for Market Membership,
d) Letter of Undertaking for Electronic Report Distribution,
e) Market Maker Commitment Letter for member that will get authorization of market making.

CBRT is not subject to the requirements and financial obligations of membership.

6.1.2 Starting to Operate on the Market as a Member

Members that intend to trade on the Market must apply to the Exchange with a letter. Subject to the acceptance of such application, members that fulfill the obligations regarding central counterparty membership with Clearing House and other related obligations may start to operate on the Market. Members may trade only contracts to be authorized.

Terminals allocated to members that start trading on the Market may be used at Borsa Istanbul remote access points and those which are defined in usage principles of these relating to current regulations.

Within the framework of Capital Markets Board regulation dated 03.14.2013 and numbered 40, it is decided that banks may be accepted as market member and clearing member for trading foreign exchange, interest rate, precious metals and stones, commodity and energy

derivatives on its own account or on behalf of the customer excluding stocks and derivative instruments based on indices trading in Borsa İstanbul.

6.2 CLEARING MEMBERSHIP

6.2.1 Central Counterparty Membership Requirements and Information and Documents Required for Application

Members shall apply to the Clearing House for central counterparty membership. İstanbul Settlement and Custody Bank Inc. (Takasbank) serves as the clearing house for the trades executed on the Market. Requirements for central counterparty membership and information and documents determined by Takasbank for the application are specified in the Clearing Legislation for direct or general central counterparty membership.

6.3 MEMBER REPRESENTATIVES

Those that fulfill the requirements in the related articles of the Capital Markets Board's Series VIII, No. 34 entitled "Communiqué on Principles Regarding Licensing and Registration for the Professionals Engaged in Capital Market Activities" as well as article 11 of Borsa İstanbul Regulations, and that have successfully completed the "Futures and Options Market Member Representative" training program which Borsa İstanbul may envisage as compulsory, will be entitled to work as broker in the Market.

Borsa İstanbul management is authorized to make arrangements regarding the number of brokers that may trade on behalf of a Market member and authorizations. Staff that have minimum three years experience as expert or higher positions in exchanges trading derivatives instruments as well as those that worked as broker in such exchanges may work as broker in Borsa İstanbul, without seeking the above requirements, subject to the approval of Borsa İstanbul Board.

7 ACCOUNTS

7.1 ACCOUNT TYPES

There will be three type of accounts on the Market, namely: trading account, depository account and trading and depository account.

7.2 STATUS OF ACCOUNTS

The status of new accounts will be defined as "active"; meaning no limitations in trading on the Trading System, however, following the notifications by the Clearing House or risk management system, the status of the account may be changed automatically or manually by Borsa İstanbul. Statuses of accounts are as explained below:

- **Active (A):** The status where there are no limitations to the trading of the account.

- **Suspended (S):** The status where the account's trading ability is suspended, or prohibited (where the account holder is prohibited from trading).

- **Defunct (D):** The account is defuncted by the Clearing House upon request of the account holder.

7.3 RISK STATUS OF ACCOUNTS

Risk management in the Market is carried out by Takasbank. Clearing Legislation shall be applied regarding risk management, pre-order risk management and margining method.

7.4 DEPOSIT AND WITHDRAWAL OF COLLATERALS

Clearing Legislation shall be applied regarding depositing and withdrawal of collaterals.

7.5 ACCOUNT TRANSFER

Clearing Legislation shall be applied regarding account transfers.

8   TRADING SYSTEM

At the first stage, continuous auction trading method is applied in the Market Trading System. Pre-order and post-trade risk management is carried out in connection with Takasbank, designated as the Clearing House.

Market members will send their orders to the Market Trading System over the trading accounts through their authorized representatives. The positions that are created as a result of the realized trades are monitored in the custody accounts. Takasbank will apply risk controls on the custody accounts. In the event that a custody account is suspended, all trading accounts associated with such custody account are automatically suspended. If the underlying asset is suspended in the spot market, all future and option contracts based on such underlying asset will also be suspended. The following figure displays the Market operation and the functions and interaction between Borsa İstanbul Futures and Options Market and Takasbank.

**Figure 1: Operation of the Futures and Options Market**
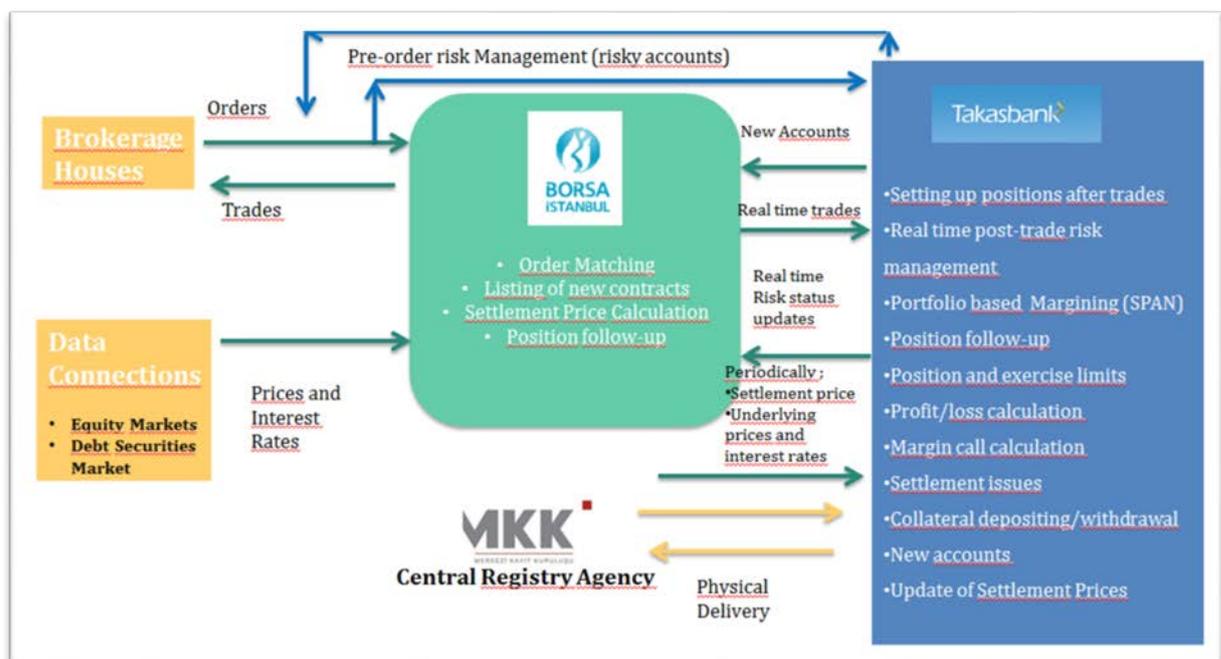
Sending orders from member offices will be possible thanks to the API structure aimed at connecting the central systems of the members and the Market Trading System electronically by a communication protocol, and at allowing members to execute their order transactions (such as entry, correction, cancellation, inquiries, etc.) electronically.

8.1 DAILY WORK FLOW AND SESSION HOURS

Daily work flow is defined as non-trading period, normal session, price fixing session, announcement of settlement price and after session operations. Daily work flow scheme is as follows:

Figure 2: Daily Session Processes Displayed Schematically
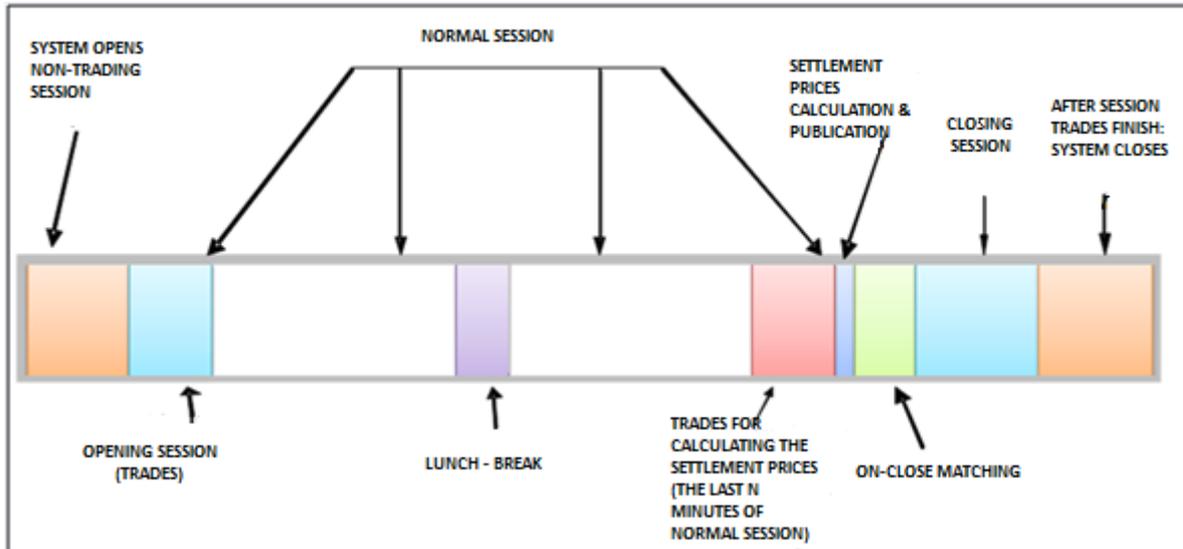
8.1.1 Non- Trading Period

The period between the opening of the Trading System and the beginning of the normal session is defined as **"non-trading period"**. During this period, the system is on, but order entry or order execution is not possible. During this period, brokers may:

a) Connect to the trading system,

b) Make inquiries,

c) Cancel the "Good Till Cancel" or "Date" transferred from the previous days,

d) Diminish the quantities and/or worsen the prices (lower price at buy, and higher price at sell) of "Good Till Cancel" or "Date" orders transferred from the previous days,

e) Create a collective order file which will be sent to the system.

8.1.2 Normal Session

Normal session is the session where trades are executed based on continuous auctioning trading method, according to price and time priority rule. A single session called "normal session" is held for all contracts and trading is paused between 12:30-13:55 hours. The last

10 minutes of the normal session is called "closing period". Normal Session hours of the contracts are given in the table below:

Table 17: Normal Session Hours on Contract Basis

Contracts	Normal Session Hours
Single Stock Futures and Options Contracts	09:10-17:40
Other Contracts	09:10-17:45

Following the normal session, upon announcement of the settlement prices, on-close orders are matched by the trading system as well. Such trades shall be included in normal session trades.

8.1.3 Price Fixing Sessions

Borsa İstanbul may hold "price fixing sessions" for one or more contracts prior to, during or after the normal session. Different price fixing sessions may be held during the daily flow, such as an "Opening Session" prior to the normal session, a "Price Fixing Session" during the normal session, and a "Closing Session" following the end of the normal session. The time and period for price fixing sessions, if any, are announced by Borsa İstanbul. During price fixing sessions, price and market depth data for the contract(s) will not be available. The orders entered during these sessions, unless realized, will be automatically cancelled by the system. Orders entered during the normal session will not be valid during the price fixing sessions. The operation of price fixing sessions is as follows:

a) The equilibrium price determined during the opening session may be used as the base price at the opening of the normal session, and therefore, the daily price movement limits may be determined over this price.

b) At the end of the price fixing session held during the normal session, the normal session will resume. The equilibrium price determined in price fixing session held during the normal session has no effect on basis price.

c) The equilibrium price determined at the closing session may be used as the settlement price for the day.

Single price method will be used during price fixing sessions.

8.1.4 Announcement of Settlement Prices

Daily settlement prices are announced at the end of session.

8.2 TRADING METHODS

Two trading methods as "Multiple Price Continuous Auction Method" and Single Price Method" can be applied in the market

8.2.1 Multiple Price Continuous Auction Method

This trading method is used during the normal session, and is subject to price and time priority. Initially, orders with price priority will match, and if there is more than one order with the same price in the system, the order with time priority matches first.

8.2.2 Single Price Method

This is the trading method that will be used during the opening, price fixing and closing sessions, subject to the introduction of such sessions. Orders to be entered during these sessions will not be matched until the end of the session. At the end of the session, orders entered at the equilibrium price which will be determined within the framework of the current algorithm will match with better priced orders (higher price for buy orders and lower price for sell orders), over the equilibrium price.

8.3 ORDERS

8.3.1 Sending Orders to the Market

In accordance with Borsa İstanbul regulations Orders are transmitted to trading system by market members through trading terminals in the remote access points defined in the Borsa İstanbul regulations or interfaces that are allocated to members. Provisions regarding order submission via telephone in emergency cases are determined and announced by the Exchange separately.

8.3.2 Account Number Obligation in Orders

It is required that orders are entered to the trading system by specifying an account number. For an order to be transmitted to the trading system, the relevant account has to be opened in the Clearing House and reported to Stock Exchange by Clearing House before the opening of trading system.

Three types of accounts are defined in trading system as trading, depository and trading and depository accounts. Buying and selling orders are transmitted from trading account and orders and trades are followed on the basis of this account. The positions created by turning or orders into trades are monitored from the custody accounts linked with the relevant trading accounts. While a trading account is associated with only one custody account, a custody account can be associated with multiple trading accounts. Risk monitoring and collateral management are held on the basis of custody accounts.

Trading account and Custody accounts can be opened with the same or different institutions. In case of opening in different accounts members who have trading accounts opened with them cannot see positions in custody account that is associated with trading account. Similarly members who have custody accounts opened with them cannot see orders and trades in trading account but it may be possible for members that have depository accounts to receive the transaction information and/or orders of the associated trading accounts based on the rules defined by the Exchange. Risk and collateral obligations in custody accounts due to the orders entered by the trading account is in the responsibility of the member holding custody account.

Members may submit orders only to trading account defined for them. An account can be defined to more than one member by the administrator.

In trading system there are four types of accounts: "portfolio", "customer", "global" and "market maker". Members are responsible from opening account considering the type of an account. In Global accounts, more than one customer trades and whether the orders in this account is position reducing or not is determined in order entry giving.

More than one Market maker can have account at the same institution, but each market maker has only one market maker account.

8.3.3 Batch Order File

In non-trading session, the normal session or price fixing session, members can prepare batch order files to be sent to the trading system through user terminals. Previously prepared collective order files can be sent to the trading system during normal or price fixing sessions. During Orders transmission the trading system does all kinds of controls according to the session. As a result of these controls orders that are not valid are marked and are not sent to the trading system. Marked orders may be re-sent after being corrected or deleted. A collective order file can be prepared for up to 50 orders. Orders in batch order file can be sent individually, as a group and all at once as a batch. Batch orders are orders files one by

one or can be sent as a group could be send. Batch orders can be prepared with different contracts and order periods and using different order methods for different accounts.

8.3.4 Priority Rules in Order Matching

Orders sent to the system are matched during the normal session according to price and time priority. The priority rules that apply at matching are as follows:

a) Price Priority Rule: Sell orders of lower price have priority over those of higher price; and buy orders of higher price have priority over those of lower price.

b) Time Priority Rule: In the case of equal prices, orders entered earlier will have priority.

In case of a match between market price and orders Market members are obliged to meet customer orders first. Trades of market members for their own portfolio and trades directly or indirectly done on behalf of institutions or individuals associated with them are considered to be market members' own trade. Matters related to market making is reserved.

8.3.5 Order Methods

One of the following three order methods must be chosen for the methods to be entered in the Trading System.

Table 18: Order Types, Kinds and Duration Periods

Order Methods	Order Types	Duration Period
Limit (LMT)	Keep Remainder (KPY)	Session (SNS)
Market (PYS)	Fill or Kill (GIE)	Daily (GUN)
At Closing Price (KAP)	Fill and Kill (KIE)	Good Till Cancel (IKG)
	Conditional (SAR)	Date (TAR)

8.3.5.1 Limit (LMT)

A limit order is the order type which is used to realize orders at prices of up to the determined price level. Price and quantity must be entered when this method is used.

8.3.5.2 Market (PYS)

A market order is the order type which is used to match orders, starting from the best price order in the market at the time the order is entered. When a "Market" type order is selected, and "Best Price" is marked on the screen, the order will match only with the outstanding orders at the best price level in the Market at the time.

8.3.5.3 Closing Price Orders (KAP)

A Closing Price Order is an order method to realize orders at the settlement price calculated at the end of the day. Following the calculation of the settlement price, Closing Price Orders will match with the counterparty outstanding Closing Price Orders in the system. After the outstanding Closing Price Orders on the buy and sell sides match, the remaining Closing Price Orders will match with the normal session orders that meet the settlement price. Closing Price Orders may be sent to the system only by using the Keep the Remainder kind of order, with "session" validity.

8.3.6 Order Types

After one of the above order methods is selected, one of the following four order types must be selected.

8.3.6.1 Keep the Remainder (KPY)

Although the basic principle is to fulfill the order entirely at the time it is entered, this is not always the case. If only part of the order is realized, the remaining part of the order equal to up to the maximum order quantity will be written in the passive line at the limit price or the last executed price, depending on the order method.

8.3.6.2 Fill or Kill (GIE)

Fill or Kill is the kind of an order where an investor's order is fulfilled in its entirety or cancelled all together at the time it is entered, depending on the outstanding counter orders in the system.

8.3.6.3 Fill and Kill (KIE)

Fill and Kill is the kind of an order where an investor's order is fulfilled in full or in part at the time it is entered, depending on the outstanding counter orders waiting in the system, and the unfulfilled part of the order is cancelled.

8.3.6.4 Conditional (SAR)

A Conditional Order is a price order which will be activated when the market reaches the price determined by the ordering party for the relevant contract (activation price), or trades at a higher price in the market in the case of buying orders, or at a lower price in the case off selling orders. For conditional orders, in addition to order entry method, activation price must be indicated.

8.3.6.5 Strategy Orders

Strategy orders are order groups consisting of two or more orders and a determined trade strategy. There are three types of strategy orders in trading system:

- **All or None** *(AON):* This strategy order envisages that all of the orders entered are realized at the same time, and failing that, all of the orders entered will be cancelled. This strategy order can be formed of at most six orders. They can be transmitted for only in "Session" and "Day" order periods. It is required that a "All or None "strategy order is created in the same account for different contracts. These orders cannot be seen in order book.
- **One Cancels the Other** *(OCO):* A pair of linked orders used when the investor wants to realize only one of the orders entered. One Cancels the Other kind of order stipulates that if one order is executed, then the other order is automatically canceled. These orders cannot be seen in order book.
- **One Activates the Other** *(ATO):* A group of orders where an order in the strategy group activates the second order, allowing the entering of both in the trading system simultaneously. When an order is realized, the other order will be automatically transferred to the order book by the system.

Strategy orders in the same group are followed under the same strategy order number in the trading system. Strategy orders can match with other orders and strategy orders. Only, the "All or None" strategy orders cannot match with another "All or None" strategy order.

8.3.7 Duration of Orders

One of the following four options regarding the duration of the order must be chosen while entering the order.

8.3.7.1 Session Order (SNS)

The order is valid only for the session during which it is entered. Unless it is partly or entirely fulfilled by the end of the session, it will be automatically cancelled by the system.

8.3.7.2 Daily Order (GUN)

The order is valid for the day on which it is entered. Unless it is partly or entirely fulfilled by the end of the day, it will be automatically cancelled by the system.

8.3.7.3 Good Till Cancel Order (IKG)

The order is valid until it is cancelled. Good till cancel orders are valid until the maturity of the contract and will be automatically cancelled by the system at the end of maturity, unless cancelled, or partly or entirely fulfilled.

8.3.7.4 Date Orders (TAR)

Date orders are valid by the date entered to the system. Unless partly or entirely matched or cancelled by the specified date, they will be automatically cancelled by the system at the end of the specified day. The system does not accept orders with dates further than the end of the maturity of the contract.

Since only one session is held during the day, "SNS" and "GUN" orders refer to the same period. For both types of orders, daily price change limits are valid. If "IKG" and "TAR" type of order is selected, orders that fall out of the daily price change limits may be entered.

8.3.8 Maximum Order Sizes

The trading system checks the prices and quantity of the orders when they are being entered into the system. Orders that are not in compliance with the properties of the current session may not be entered into the system. Maximum order sizes change according to the boards, the last weighted average price or the closing price (value) of the underlying asset. Maximum order size is determined on the basis of the weighted average price of the session for single stock futures and options, and the closing price for other futures and options contracts. Maximum order size is checked for all types of orders entered in the trading system. The minimum and maximum order sizes applicable in the Market are as follows:

Table 19: Order Sizes for Single Stock Futures and Options

Board	Underlying Asset Closing Price <25 TRY	Underlying Asset Closing Price >=25 TRY

Main Board (Minimum Order Quantity)	1	1
Main Board (Maximum Order Quantity)	5,000	2,500
Negotiated Deals and Negotiated Deals Advertising Boards (Minimum Order Quantity)	5,000	2,500
Negotiated Deals and Negotiated Deals Advertising Boards (Maximum Order Quantity)	10,000	5,000

Table 20: Order Sizes for Index, Currency, Gold and Other Contracts

Board	Index Contracts	Mini Index Contracts	Currency and USD/Ounce Gold Contracts	Gold Contracts	Other Contracts
Main Board (Minimum Order Quantity)	1	1	1	1	1
Main Board (Maximum Order Quantity)	2,000	200,000	5,000	500,000	2,000
Negotiated Deals and Negotiated Deals Advertising Boards (Minimum Order Quantity)	2,000	200,000	5,000	500,000	2,000
Negotiated Deals and Negotiated Deals Advertising Boards (Maximum Order Quantity)	4,000	400,000	10,000	1,000,000	4,000

8.3.9 Order Amendment

Outstanding open orders or the outstanding part of partially realized orders may be amended by the relevant brokers at any time. Brokers may amend their own orders, and firm managers with administrative authorization may amend all the orders of the member. Some of the order entry fields in the system are accepted as core elements of the order and therefore may not be amended, while some fields may be changed. The following table

shows the fields that may be amended, and whether the time priority of the order is maintained after such amendments are made.

Table 21: Amendment Allowed on Orders and Time Priority

Field	Modification Allowed	Time Priority Maintained
Market	No	-
Contract	No	-
Account	No	-
Position Closing	Yes	Yes
Order Methods (LMT/PYS/KAP)	Only limit orders may be changed to market orders	No
Kinds of Orders (KPY/GIE/KIE/SAR)	No	-
Price	Yes	No
Best Price	A limit order may be marked when changed to a market order. Market/Conditional Orders may be changed to Best Price Orders.	Yes
Quantity	May only be decreased	Yes
Activation Price	Yes	Other outstanding orders at the same activation price are ranked as last.
Period	Yes	Yes
Date	Yes	Yes
Broker Reference	Yes	Yes
Explanations	Yes	Yes

"Good-Till-Cancelled" orders or "Good-Till-Date" orders may be amended during the non-trading period prior to the opening of the normal session. However, prices may only be amended with worse off prices during this period. Orders that link to All or None strategy order group may not be amended, but may be cancelled.

8.3.10 Order Cancellation

Unmatched orders or unmatched portion of the partially matched orders in the trading system may be cancelled by the Member placing such order during time period specified in the workflow. Traders may cancel solely their own orders whereas Firm Managers may cancel all orders of the Members they are affiliated with and authorized Borsa Istanbul personnel may cancel all of the orders in the trading system.

A "Voluntary Order Cancellation Fee" shall be paid based on the nominal value of the voluntarily cancelled orders by Member Representatives.

In case the nominal value of the orders cancelled in a month will exceeds 50% of the total trading volume accomplished by the Member, one in one hundred thousand of the nominal value of the amount exceeding 50% of the total trading value is paid to the Exchange as the "Voluntary Order Cancellation Fee". In the calculation of the total trading values, position offsets on the expiry are not taken into account. In calculation of the nominal value and trade volume, the price of the order will be taken into account. Exchange rate shall be used in calculations of the contracts traded in terms of foreign currency.

Market maker members are held exempted from Voluntary Order Cancelation Fee for the contracts they are responsible as a market maker. This provision shall not apply for BIST 30 futures contracts.

Open orders on an underlying asset of accounts will be cancelled by trading system when the position limits are exceeded at client level or at market level.

All open orders for the trading accounts that have turned risky will be cancelled by the system.

"Good-Till-Cancelled" or "Good-Till-Date" orders of members whose trading authorization has been suspended or terminated will be deleted from the system by the Exchange with no further notification.

Order Cancellation Fee shall not be collected from order cancellations except voluntary order cancellation and order cancellations in Negotiated Deals Board.

8.4   PROVISIONS REGARDING THE ORDERS SUBMITTED BY RISKY ACCOUNTS

Orders entered from trading accounts associated with risky depository accounts will be allowed to the system with a different status code and will not be sent for matching. Instead these orders will be sent to Takasbank to be checked whether they -decrease the riskiness or not. Orders which are not increasing the riskiness of a risky account or maintenance margin will be accepted to the Trading System with the approval of Takasbank, otherwise rejected. If the order is accepted, its status code will be updated and it is sent for matching. Risk status of the relevant account will also be updated and any changes in risk status will be notified to the trading system by a message. The risk status of the trading accounts associated with the relevant depository account will be updated by the Exchange. All open orders for the trading accounts that have turned risky will be cancelled by the system. Orders submitted by the risky accounts are sent to be checked. Risky accounts may have

only one order waiting in the system. Risky accounts can only submit limit orders and market contingent orders cannot be used by these accounts. Orders waiting for the risk check can be cancelled by member representatives and the Exchange. Orders which are waiting for the risk check or which are accepted after the risk check cannot be amended. Correction of error trades cannot be performed for the risky accounts. Negotiated orders cannot be submitted by the risky accounts, and open negotiated deal orders are cancelled as soon as the account becomes risky.

8.5 CORRECTION OF ERROR TRADES

The workflow concerning the correction of erroneous trades executed faulty as a result of the mistyped account numbers for the orders placed on the trading system shall be conducted on trading workplace by member/s' user that has firm manager authorization.

The correction of erroneous trades is the process of new transactions to allow to the position transfer to another account by member/s' user that has firm manager authorization and transferring open orders to related account if available.

Without prejudice to the provisions of position transfer, the correction of erroneous trades between accounts of different members shall not be conducted. All trades that belong to one order shall be corrected as a whole, not partially. The correction of erroneous trade shall not be carried out after the announcement of daily settlement prices and for trades relating to previous trading day. The correction of erroneous trade shall not be made if the mistyped account and/or the account to be transferred are risky or suspended. The correction of erroneous trade shall not be made if the related contract, board, market or the underlying is halted. Trades as a result of negotiated deals shall not be subject to the correction of erroneous trades. The responsibility of fulfilling a margin need that may occur in the relevant account arising from erroneous trade correction is taken by member that is requested error trade correction.

Requests relating to the correction of erroneous trades are required to be sent the application form to the Exchange within the session hours at same day by the member caused to error trade unless members can carry out the correction of erroneous trades for any reason excluding the general business rules. The correction of error trades is made with price of the erroneous trade.

At correction of erroneous transaction, 0.01% of the nominal value of the application is received as a "correction of erroneous transactions fee" besides the collecting of exchange fee for the corrected transaction. The price of the order is taken as the basis for the calculation of the monetary value.

8.6 SUSPENDING TRADES

The trades in VİOP are suspended in two ways: In the market and in the contracts

8.6.1 Suspending Trades in the Market

On any trading day, trading at all boards in the Market for one or all contracts can be suspended temporarily by the ruling of Borsa Istanbul Executive Management. Similarly, Borsa Istanbul Executive Management's ruling is required for resuming trading activities.

Borsa Istanbul Executive Management is authorized to close the Market for up to three days in the case of extraordinary events. For trading halts exceeding three days, the relevant provisions of Borsa Istanbul Regulation shall prevail.

8.6.2 Suspending Trades for the Contracts

In the event of the suspension in the spot market of the underlying asset of the contracts traded on the Market, or in the case of a failure to calculate or transfer the underlying index's value to the system, or unable to make the data dissemination, the contracts will either be simultaneously suspended by the system automatically, or upon the resolution of Borsa Istanbul Executive Management. The timing for re-starting to trade for the relevant contracts will be announced to the Market. The time to resume trading for the contracts may be different from that of the underlying asset.

Borsa Istanbul Executive Management may suspend contracts for a maximum period of five trading days. Borsa Istanbul Board is authorized to decide on suspensions exceeding five trading days. In the event that Borsa Istanbul Board grants extra time to the relevant company for clearing the situation concerning the underlying asset, the contracts will be halted permanently. In such case, Borsa Istanbul Board shall decide on the settlement and delivery methods.

In spite of the fact that the principle is to keep the relevant contracts trading while the underlying asset continues to trade, Borsa Istanbul Executive Management may decide on suspending or trading contracts independent from the underlying asset.

8.7 CANCELLATION OF TRADES

Transactions based on the prices in the market, can canceled by the Borsa İstanbul presidency in case of emergence of reasons and / or exceptional conditions specified in the Regulation and measures taken within the Regulatory framework to eliminate these conditions are insufficient.

8.8 ANNOUNCEMENT OF TRADES AND TRADE INFORMATION

Confirmation of transactions that took place in the market, can be done during the session from relevant trading system screens continuously as well as at the end of the session by giving written and / or electronic environment to the market members.

9 OTHER ISSUES

9.1 POWERS OF EXHANGE

Without prejudice to the powers stated in bylaws and other regulations, the Presidency of Borsa İstanbul can perform following measures to ensure market to work in an efficient, honest, and reliable way or operation of the exceptional price and volume movements, artificial price formations and in other cases that have similar effects when it is considered as necessary;

a) Creating price fixing sessions,

b) Giving break to the session due to the price movements and trade volume,

c) Opening and Closing Trades in Negotiated Deals Board and Advertising Board,

d) Putting limitations to order methods, types and periods,

e) Cancelling all or part of the waiting orders,

f) Putting limitations to the user terminals and number of connections with the and the capacity of members to restrict use or stop their use,

g) Changing content of the data to be disseminated,

h) Changing hours stated in daily work flow,

Stock market can perform the above operations without prior notification.

9.2 DECOMPOSITION OF ACCOUNTS

Members monitor each customer's rights, obligations and assets separately from their own and other customers' rights, obligations and assets from the books, documents and records they hold. Monitoring customer assets, positions and collaterals in the accounts opened in Clearing House separately may be obligatory.

9.3 ANNOUNCEMENT OF POSITIONS

Members may be requested to inform Stock Exchange and / or Clearing House about customers' and their own market positions in the market in accordance with the procedures and deadlines determined by the Borsa İstanbul.

9.4 ADVISING CUSTOMERS ABOUT THE RISKS

Under the framework of The Capital Markets Board's Regulations, market members are required to make a statement indicating that the risk of such transactions.

9.5 RESPONSIBILITIES OF MEMBERS ABOUT MONITORING CUSTOMER ACCOUNTS

The members are responsible from updating customer accounts, doing announcements for margin calls and doing necessary actions to the positions of customers who did not deposit required collaterals.

9.6 MEMBERS WHOSE OPERATIONS ARE SUSPENDED AND INVESTORS WHO ARE PROHIBITED TO TRADE

Principles about closing positions of investors who are prohibited to trade due to liquidation of positions carried by members whose activities are prohibited temporarily or permanently or position transfers to other members are determined by the Clearing House with the approval of Borsa İstanbul.

9.7 EXTRAORDINARY CONDITIONS AND CHANGES

All conditions and developments preventing or that may prevent the fair and secure functioning of the Market and other unexpected events are accepted as extraordinary events. Principles regarding extraordinary events and changes are stipulated by the Regulation. Existence of extraordinary events is determined by Borsa Istanbul Executive Management.

In the case of extraordinary events, Borsa Istanbul Executive Management may take, depending on the type of the extraordinary event, inter alia, one or more of the following measurements in order to ensure that trading in the Market is carried out in a fair and secure manner:

a) To change the requirements concerning the financial obligations of Market members,

b) To request for transactions to be carried out only for closing open interests,

c) To change the expiry dates of contracts,

d) To change the method and conditions of settlement,

e) To change the daily price movement limits,

f) To request offset of the open interests and determine the settlement price of the contract,

g) To change opening and closing hours of the trading session, suspend or restrict the transactions,

Depending on the quality of the extraordinary event, provisions of Clearing Legislation shall be applied by the Clearing House by taking into account the point of view of the Exchange.

In the case of a member's or client's failure to fulfill the actions required in accordance with the provisions of this article, transactions that may be realized by the Exchange or the Clearing House will be realized at their own option with no further notice.

9.8 MARKET SURVEILLANCE

Borsa İstanbul, taking into account market transactions and the interaction between market transactions and the spot market transactions; creates surveillance infrastructure in order to ensure transparent, orderly and fair realization of market operations.

10 RISK MANAGEMENT AND MARGINING

10.1 RISK MANAGEMENT, PRE-ORDER RISK MANAGEMENT AND MARGINING METHOD

Risk management in the Market is carried out by Takasbank. Trades executed in the Market are subject to portfolio based margining method. Takasbank uses Standard Portfolio Analysis of Risk (SPAN) algorithm for portfolio based margining. Parameters constituting the basis for portfolio based margining calculation shall be determined and announced by Takasbank. Clearing Legislation shall be applied regarding risk management, pre-order risk management and margining method.

10.2 TRADE MARGINS, TRADE MARGIN COMPOSITION AND VALUATION COEFFICIENTS, UPDATING VALUES OF TRADE MARGINS AND ACCUMULATED ACCRETION ON CASH COLLATERALS

Clearing Legislation shall be applied regarding trade margins, trade margin composition and valuation coefficients, updating values of trade margins and accumulated accretion on cash collaterals.

10.3 PROFIT/LOSS CALCULATIONS AND MARGIN CALLS

Clearing Legislation shall be applied regarding the profit/loss calculations arising from the transactions on the Market and reflecting the related amounts to the accounts and margin calls.

11 CLEARING AND DEFAULT PRINCIPLES

11.1 CLEARING HOUSE

Takasbank is the Central Counterparty for the trades executed in the Market within the framework of clearing regulations. Regarding clearing principles, Clearing Legislation shall be applied.

11.2 MARK TO MARKET PROCESS

Clearing Legislation shall be applied regarding mark to market process.

11.3 PRINCIPLES OF PHYSICAL DELIVERY OF FUTURES CONTRACTS AT EXPIRY DATE AND EXERCISING OPTIONS

Clearing Legislation shall be applied regarding physical delivery of futures contracts at expiry date, and exercising options, matching and exercising at expiry principles.

11.4 DEFAULT PRINCIPLES AND APPLICABLE LEGAL PROCEEDINGS FOR THE DEFAULTING MEMBERS

Clearing Legislation shall be applied regarding default operations, default process and legal proceedings for the defaulting members.

11.5 GUARANTEE FUND GENERAL PRINCIPLES, ACCEPTABLE ASSETS AS GUARANTEE FUND CONTRIBUTION, GENEREAL PRINCIPLES FOR USING THE GUARANTEE FUND, GENERAL PRINCIPLE FOR MARGIN CALL FOR THE GUARANTEE FUND CONTRIBUTIONS AND GENERAL PRINCIPLES FOR ACCRETION ON GUARANTEE FUND CASH CONTRIBUTIONS

Takasbank sets up a guarantee fund within the framework of clearing legislation. Clearing Legislation shall be applied regarding guarantee fund, acceptable assets as guarantee fund contribution, using the guarantee fund, margin call for the guarantee fund and accretion on guarantee fund sets.

12 POSITION LIMITS

12.1 POSITION LIMITS

Clearing Legislation shall be applied regarding position limits, exceeding position limits and "liquidation only" trades.

Position limits at market level may be monitored on underlying asset basis in the physical assets (underlying assets) window on the trading terminal. In the event that the open interests in an underlying asset exceed the upper limit, offset transactions will be required for all contracts written on the underlying asset. When the positions fall below the specified limit, the requirement for offset transactions will be removed.

12.2 OFFSET POSITIONS PRINCIPLES

The members are required to take only offsetting positions in the trading system when offsetting transactions are obligatory. Orders to offset position are evaluated on contract basis along with open orders in the system and open positions. Orders to offset positions should be aimed to liquidate the positions held. For a contract, a buy order will not be entered in an account held a long position, and a sell order will not be entered in an account held a short position. On the other hand, sell orders larger than the position quantity will not be entered in an account held a long position in a contract, and buy orders larger than the position quantity will not be entered in an account held a short position in a contract.

In cases where offsetting positions are required, the following checks will be applied on the orders sent to the trading system.

A sell order will be accepted in an account held a long position if (total quantity of open sell orders + quantity of newly entered sell orders) ≤ number of long positions.

A buy order will be accepted in an account held a short position if (total quantity of open buy orders + quantity of newly entered buy orders) ≤ number of short positions.

In cases where an order is amended, cancelled or executed, the required updates on the sum of positions and sum of open order quantities will be applied by the trading system.

Non-offsetting orders sent by global accounts will not be accepted to trading system. Market maker quotations are not subject to offset order practice.

13 REPORTS, BULLETINS AND DATA DISSEMINATION

13.1 REPORTS AND BULLETINS

All orders and trade books report on a daily basis, corporate actions file, list of newly listed/delisted/expired contracts, contracts file, end of day holdings report, member based traded value (futures and options separately) files and daily bulletins are submitted by Borsa İstanbul. Final settlement prices file is also sent to the members by the Exchange on the expiry date.

13.1.1 All Orders Report

Information on all the orders that a member sends to the Market daily will be provided in this report.

Table 22: Information to be Included in the All Order Book

Column Titles		
Member Code	Ordered Quantity	Reference
Order Number	Quantity Remained	Order Status
Contract Code	Hidden Quantity	Member Code
Market Code	Trade Account	Strategy Code
Buy/Sell	Order Type	Activation Price
Order Status	Position Close	Operator Code
Price	Maturity	Explanation
Quantity	Hour	Session

13.1.2 Trade Books

Trade books to be provided by Borsa İstanbul, including all the daily transactions of the members on the Market will contain the following information.

Table 23: Information to be Included in the Trade Book

Column Titles		
Trade Account No	Sub-market	Trade Price
Contract Type	Trade No	Traded Volume
Contract Code	Order No	Trading Value
Kind of Transaction(Buy/Sell)	Trade Date/Time	Premium Volume
	Session Name/ No	Exchange commission

13.1.3 Corporate Actions File

With the Corporate actions file that is sent to customers at the end of the day, changes in relevant contracts (in standard contracts that has open interests) due to rights issue/free issue and similar situations (corporate actions) that may affect price and quantity of underlying asset are announced to members. The file contains following information:

Table 24: Information to be Included in the Order Book

Column Titles		
Date	Previous Contract	New Contract Settlement Price
Underlying Security	Previous Contract Settlement Price	Adjustment Factor
Contract Type	New Contract	Difference Payment

13.1.4 List of Newly Listed/Delisted/Expired Contracts

With the contract change file that is sent to customers at the end of the day, information of contracts which are issued, settled contracts due to maturity are announced. The file contains following information:

Table 25: Information to be Included in the Order Book

Column Titles		
Date	Option Type	Price Decimal
Underlying Security	Strike Price	Contract Type
Contract Type	Contract Group	Strike Price Decimal
Contract Code	Contract Group Number	Settlement Type
Option Class	Contract Size	Currency
Maturity Date	Status	

13.1.5 Contracts File

It is the file which is sent to members and contain current contract information at the end of the day. The file contains following information:

Table 26: Information to be Included in the Order Book

Column Titles	
Contract Code	Negotiated Deals and Advertising Board Minimum Quantity
Contract Size	Negotiated Deals and Advertising Board Maximum Quantity
Maximum Passive Order Quantity (Main Board)	Last Settlement Price
Maximum Order Quantity (Main Board)	

13.1.6 End of Day Holdings Report

End of day open interest and option exercise data shall be displayed for futures and options contracts in the end of day holdings report to be sent at the end of day.

Table 27: Information to be Included in the End of Day Holdings Report

Column Titles	
Contract Code	Option Exercise
Date	Open Interest-EndofDay

13.1.7 Member Based Traded Value (Futures) File

Traded value and trade value ratio of the relevant member on the Derivatives Market. This report shall be send to the members at the end of day.

Table 28: Information to be Included in the Member Based Traded Value (Futures) File

Column Titles	
Member Code	Traded Value
Title of the Member	Trade Value Ratio

13.1.8 Member Based Traded Value (Options) File

Traded value, premium trade value, trade value ratio and premium trade value ratio of the relevant member on the Derivatives Market. This report shall be send to the members at the end of day.

Table 29: Information to be Included in the Member Based Traded Value (Futures) File

Column Titles		
Member Code	Traded Value	Traded Value Premium
Title of the Member	Trade Value Ratio	Premium Trade Ratio

13.1.9 Final Settlement Prices File

This report to be sent to the members on expiry dates is published final settlement prices.

Table 30: Information to be Included in the Member Based Traded Value (Futures) File

Column Titles	
Date	Final Settlement Price
Contract Code	

13.2 DATA DISSEMINATION

The orders in trading system can be followed from inquiry windows that also contain depth information like price base and order base.

Also orders in the Market as well as part of the information including market depth data may be disseminated in real time or delayed basis by data vendors. Principles related to disseminating of price and depth information are determined by the Executive Management.

13.2.1 Market Data

Market data includes the best buy, best sell, last executed price, number of open positions and change in the number of open positions for the future and option contracts and other derivative products traded on the Market. Market maker quotation information is also included in such information.

Table 31: Market Data to be disseminated

Market Data	
Best buy	Average weighted price in the session
Total quantity at best price level	Average weighted price in the day
Best selling price	Settlement price of the price fixing session
Total quantity at best selling price level	Total traded volume in the session (unit)
Last executed price	Total Trading Value in the Session (₺)
Market maker best buying price	Total option premium value of the session (₺)
Market maker best selling price	Number of trades in the session
Lowest trade price in the session	Total traded volume in the day (unit)
Lowest trade price in the day	Total Trading Value in the Day (¨)
Highest trade price in the session	Total option premium value of the day (₺)
Highest trade price in the day	Total number of trades
First trade (opening) price	Number of open positions
Previous settlement price	Number of open positions change
Settlement price	Contract Status

13.2.2 Market Depth Data

Market depth data shows the depth of the Market, and consists of price, quantity and number of orders information of the 5 best outstanding buying and selling orders.

13.2.3 Information on Executed Trades

Includes information on executed trades such as trade number, kind of transaction, trade price, and traded volume.

13.2.4 Information on Contracts Opened/Closed for Trading

Information on contracts opened/closed for trading includes the following detailed information on contracts that have matured, closed for trading and future and option contracts introduced for trading.

Table 32: Information on Contracts Opened/Closed for Trading to be Disseminated

Contract Information	
Contract Code	Strike Price
Instrument Code	Contract Group Code (S,N)
Underlying Asset	Contract Group Rank (0-9)
Type of Option	First Trading Day
Maturity Date	Contract Multiplier
Kind of Option	Type of Settlement

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