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VIOP DATA COMMUNICATION AND ACCEPTANCE FORMATS

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Document History

Version	Date	Description
1.0	12/07/2016	Initial Writing
1.1	10/01/2017	Contracts File, Final Settlement Prices, End of Day Holdings Report, Member Based Traded Value (Futures), Member Based Traded Value (Options) and Member Based Exchange Fee Detail Report were added. In addition, edits were made to previously described file formats.
1.2	24/01/2017	Corporate Action File, List of Newly Listed/Delisted/Expired Contracts File, Daily Market Making Contracts Report, Daily Market Making Performance Report, Monthly Market Making Performance Report and Rebate Report were added. In addition, edits were made to previously described file formats.
1.3	16/03/2017	Edits were made to - All Orders Report: Buy-Sell field - All Orders Report: User field - Member Trade Book: Trade No, Member Trade No, Entry Date and Time fields - Corporate Action File: File Name Example and File Content Example fields. - List of Newly Listed/Delisted/Expired Contracts: File Name Example and File Content Example fields. - Final Settlement Prices: File Name Example and File Content Example fields. - Contracts File: Contract Code, Underlying Security, Option Type, Maturity Date, Contract Group, Future/Option, Maximum Block Size, Low Limit, Up Limit, Tick Price, Flexible Product fields. - Length of Instrument Class field of the reports including Instrument Class field.
1.4	21/04/2017	Edits were made to - Member Based Exchange Fee Detail Report: File Name and Example File Name fields - Rebate Report: File Name and Example File Name fields
1.5	06/09/2017	Following tables extended to cover newly launched CNH/TRY Futures and RUB/TRY Futures: - 3.1.16 - 3.1.18 - 3.1.19
1.6	11/01/2018	Following tables extended to cover newly launched quarterly and yearly base load electricity futures: - 3.1.16 - 3.1.18 - 3.1.19
1.7	23/02/2018	Cascade File was added.
1.8	05/03/2018	Edits were made to -Monthly Market Making Performance Report:Underlying field -Rebate Report: Underlying field
1.9	06/11/2018	Edits were made to - Contracts File: Nearest Month Contract (M1) and Second Nearest Month Contract (M2) fields were added. - Daily Market Making Performance Report: File Name Description field
1.10	09/11/2018	Edits were made to - Contracts File: Future/Option field

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Version	Date	Description
1.11	29/11/2018	Edits were made to: - List of Newly Listed/Delisted/Expired Contracts: Status field - Daily Market Making Contracts Report: Valid Session State field - Daily Market Making Performance Report: Valid Session State field was added - Monthly Market Making Performance Report: Valid Session State field was added. - 3.1.13 Session table: VIOP_YAYIN session was added.
1.12	12/12/2018	Following tables extended to cover newly launched futures: - 3.1.16 - 3.1.18 - 3.1.19
1.13	02/08/2019	Edits were made to: - Contracts File: Notional Value field was added. - Member Trade Book, Daily Bulletin, Member Based Traded Value (future): Trade Value field Following tables extended to cover newly launched TLREF futures: - 3.1.5 - 3.1.16 - 3.1.18 - 3.1.19
1.14	14/11/2019	Following tables extended to cover newly launched single stock futures: - 3.1.18 - 3.1.19
1.15	15/01/2020	After Hours Session All Orders Report, After Hours Session Member Trade Book, Member Based Trade Value(Futures-After Hours Session) reports added and 3.1.13 table is extended to cover new after hours session states. After Hours session bulletin name was changed, settlement price, descriptions of previous settlement price, settlement price change, open position, open position change coloumns were expanded.
1.16	03/03/2020	Table 3.1.16 extended to cover new trade report types.
1.17	08/07/2020	Table 3.1.13 Session Table is extented to cover new sessions.
1.18	14/01/2021	Edits were made to 2.1.19 Rebate Report: Date and Session fields were added. Following tables extended to cover Equity, Equity Index and newly launched USD/Ounce futures - 3.1.16 - 3.1.18 - 3.1.19
1.19	05/04/2021	Table 3.1.4 is updated.
1.20	21/04/2021	Following tables extended to cover newly launched single stock futures: - 3.1.18 - 3.1.19
1.21	14/09/2021	Following tables extended to cover newly launched USD/Ounce Palladium and USD/Ounce Platinum futures - 3.1.16 - 3.1.18 - 3.1.19 BIST_DURDURMA session is added to table 3.1.13 New fiealds are added to Contracts File and List of Newly Listed/Delisted/Expired Contracts.
1.22	22/10/2021	Following tables extended to cover newly launched Physically Delivered USDTRY futures and options - 3.1.5 - 3.1.16 - 3.1.17 - 3.1.18 - 3.1.19

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Version	Date	Description
1.23	25/02/2022	Table 3.1.18 extended to cover newly launched single stock options.
1.24	15/03/2022	Following tables extended to cover newly launched Physically Delivered Bond futures - 3.1.5 - 3.1.6 - 3.1.16 - 3.1.17 - 3.1.18 - 3.1.19
1.25	16/09/2022	The following tables are added: - 2.1.21 Account and Instrument Based OTR Report - 2.1.22 Account Based OTR Report - 2.1.23 Member and Instrument Based OTR Report - 2.1.24 Member Based OTR Report - 2.1.25 Unfiltered All Orders Report
1.26	23/09/2022	Following tables extended to cover opening session: - 2.1.5 - 3.1.13
1.27	02/01/2023	Table 3.1.16 is updated.
1.28	13/01/2023	Following tables extended to cover newly launched equity index (XSD25) futures: - 3.1.16 - 3.1.18 - 3.1.19
1.29	17/07/2023	Following tables extended to cover newly launched single stock futures: - 3.1.18 - 3.1.19
1.30	20/10/2023	Following tables extended to cover newly launched single stock futures: - 3.1.18 - 3.1.19
1.31	30/10/2023	A new change reason value is added to Table 3.1.4.
1.32	08/02/2024	Following tables extended to cover newly launched single stock futures: - 3.1.18 - 3.1.19
1.33	14/03/2024	Table 3.1.18 extended to cover newly launched single stock options.
1.34	18/04/2024	Following tables extended to cover newly launched single stock futures: - 3.1.18 - 3.1.19

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1. INTRODUCTION

1.1 Purpose of the Document

This document is intended to inform about relevant files in CSV format generated related with the VIOP operations, issued and accepted by Borsa Istanbul.

1.2 Target Segment

This document is intended for the member representatives, system analyst and programmers who use the reports generated and issued on VIOP trading system.

1.3 General Explanations

(*) mark means that the length of the relevant area is changeable and this number only displays the upper limit value. If the length of the field remains below the maximum size limit, it will not be filled an other character (space, blank, etc.)

The first two rows in each of the reports below displays column headers in Turkish and English respectively. All reports are encoded UTF-8 format.

Orders and trades in opening session are stated at all orders report and member trade book. All orders report and trade book belonging to opening session are not generated exclusively.

Trades executed in opening session are included in total trade value, total quantity and total number. Opening session price is taken into consideration for price statistics.

2. BORSA ISTANBUL VIOP FILES DATA COMMUNICATION AND ACCEPTANCE FORMATS

2.1 Files Issued by Borsa Istanbul

2.1.1 All Orders Report

File Name		Description
VIOP_TED_<YYYYMMDD>.<Member Code>		All Orders File.
Sample Filename	VIOP_TED_20170105.IYM	Entire orders file dated January 5, 2017 of IYM member
Sample File Contents		
IYM;67966811591715 14729_80_105_125_0_5260_14463_0_1;2017-01-05 16:37:07;F_AKBNK0317;D_EQ;SSF;D_EQ_FPD;A;1;8;15;0;15;BI_IYM_DE-24002347775;0;1;1;0;DAY;0;;ASIYE_KAYA_D;;;;;VIOP_SUREKLI_MZYD;6;2017-01-05 16:37:07;;0;;;8;0;0;0;5E52A98100022169		
IYM;6796681159171514756_80_105_132_0_5260_14399_750_1;2017-01-05 16:45:43;O_AKBNKE0117C7.50;D_EQ;SSO;D_EQ_ECP;A;1;0.1;150;0;150;BI_IYM_DE-01650354653;0;1;1;0;DAY;0;;ASIYE_KAYA_D;;;;;VIOP_SUREKLI_MZYD;6;2017-01-05 16:45:43;;0;;;0.1;0;0;0;5E52A98100022184		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	UNIQUE ORDER NO	Alphanumeric	60*	A unique value assigned to each order. It does not include any information regarding the sequence of the order.
3	ENTRY DATE AND TIME	Alphanumeric	19*	Indicates entry date and time of the order. Date and time separated with space character. (YYYY-MM-DD HH24:MI:SS)
4	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
5	MARKET	Alphabetic	20*	i.e. D_CR. See Table 3.1.6 Market
6	MARKET SEGMENT	Alphabetic	4*	See Table 3.1.5 MarketSegment
7	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_CR_FUT. See Table 3.1.17 Instrument Type
8	BUY_SELL	Alphabetic	1	**A :** Buy **S :** Sell

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No	Field Name	Field Type	Length	Description
9	ORDER STATUS	Numeric	4*	Gives information regarding validity status of order. Contains information if it is active or not etc. See Table 3.1.7 OrderStatus
10	PRICE	Decimally, numeric	20*	
11	ORDER QUANTITY	Numeric	20*	It reflects changes by member . However, it does not change after matching.
12	SHOWN QUANTITY	Numeric	20*	Used for Iceberg orders.
13	BALANCE	Numeric	20*	The last order quantity after related record.
14	TRADE ACCOUNT NO	Alphanumeric	20*	Trading account number of the order.
15	ORDER TYPE	Numeric	4*	See Table 3.1.2 ExchangeOrderType
16	ORDER PRICE TYPE	Numeric	4*	See Table 3.1.1 OrderType
17	ORDER CATEGORY	Numeric	4*	Order, quotation or a trade reporting. See Table 3.1.3 OrderCategory
18	TIME VALIDITY OF ORDER	Alphanumeric	10*	Indicates the last date order is valid. Zero (0) indicates this field is not entered. (YYYY-MM-DD)
19	VALIDITY TYPE	Numeric	15*	See Table 3.1.8 OrderDurationID
20	POSITION CLOSING	Numeric	10*	See Table 3.1.9 Requested Position
21	REFERENCE	Alphanumeric	15*	It is a field of 15 characters used for the purpose to distinguish orders entered by members.
22	USER NAME	Alphanumeric	30*	Information regarding the user who entered the order.
23	TRIGGER CONDITION INSTRUMENT	Alphanumeric	32*	The instrument series determined as the subject of trigger condition in the stop order.
24	TRIGGER PRICE	Decimal, numeric	20*	The price determined for the trigger condition instrument as a condition to activate the stop order
25	TRIGGER CONDITION	Numeric	4*	The type of trigger condition used in the stop order. See Table 3.1.15 Trigger Condition
26	USER MODIFIED BY	Alphanumeric	30*	The user that has made the last change on the order.
27	SESSION STATE	Alphanumeric	40*	See Table 3.1.13 Session
28	CHANGE REASON	Numeric	4*	Indicates the reason of change on the order. For example match, cancellation, change in amount etc. See Table 3.1.4 ChangeReason

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No	Field Name	Field Type	Length	Description
29	MODIFIED DATE AND TIME	Alphanumeric	19*	Indicates modification date and time of the order. Date and time seperated with space character. All records are ordered regarding to the value of this field. (YYYY-MM-DD HH24:MI:SS)
30	TRADE REPORT TYPE	Numeric	4*	Gives information regarding the type of the trade report. See 3.1.16 Trade Report Type.
31	STATE	Numeric	4*	This field gives information about session orders. This type of order stays active till the defined session state. **0**: Active **1**: Deactive
32	GIVEUP MEMBER	Alphabetic	20*	Code of the member who overtakes the positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.
33	GIVEUP ACCOUNT	Alphanumeric	32*	Code of the member who overtakes the positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.
34	BEST BID PRICE	Decimal, numeric	20*	Best bid price after order entered.
35	BEST ASK PRICE	Decimal, numeric	20*	Best offer price after order entered.
36	OFF HOURS	Numeric	1	1: Off-hours order 2: Otherwise
37	ALL OR NONE	Numeric	1	1:All or None (AoN) order 2: Otherwise
38	ORDER NO	Alphanumeric	20*	A unique alphanumeric identity assigned to each order. (For orders on combination series, each instrument series which is a part of the combination takes the same order no. Each leg of a linked order takes the same order no). It does not include any information regarding the sequence of the order.

Note: GTD and GTC orders will take place on all orders book till they expire even if they are not changed.

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2.1.2 Member Trade Book

Filename		Description
VIOP_UID_< YYYYMMDD >.<Member Code>		Member Trading Book.
Sample Filename	VIOP_UID_20170105.DZY	Trading book file dated January 5, 2017 of DZY member
Sample File Contents		
DE-10000730;DZY;DZY;DE-10000730;VIOP_SUREKLI_MZYD;ILHAMI_KAYA_D;F_AKBNK0317;D_EQ;SSF;D_EQ_FPD;S;1;96EAA8100000001;679668064807026689_679668115917151473 0_0_2_0_1;2017-01-05 13:38:37;5E52A9810002216A;1;8;15;12000;0;2017-01-05;16:38:37;;A;;;2017-01-05;1119;55;TE053		
DE-10000768;DZY;DZY;DE-10000768;VIOP_SUREKLI_MZYD;ILHAMI_KAYA_D;F_ELCBAS0317;D_EL;ENF;D_EL_FUT;A;1;96EAA8200000003;679668069101993987_679668116346648333 7_0_1_0_1;2017-01-05 13:50:23;5E52A98200022689;1;100;47;349680;0;2017-01-05;16:50:32;GND;P;;;2017-01-05;539;4;TE053		

No	Field Name	Field Type	Length	Description
1	DEPOSITORY ACC NO	Alphanumeric	30*	Depository account number linked to the trading account for which the relevant orders placed.
2	DEPOSITORY MEMBER CODE	Alphanumeric	30*	Short code given by the Exchange for the depository member.
3	TRADING MEMBER CODE	Alphanumeric	30*	Short code given by the Exchange for the trading member.
4	TRADE ACC NO	Alphanumeric	30*	Trading account number for which the orders are placed.
5	SESSION STATE	Alphanumeric	40*	The session of the trade. See Table 3.1.13 Session.
6	USER	Alphanumeric	30*	Information regarding user connecting to the system and sending the order.
7	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
8	MARKET	Alphabetic	20*	See Table 3.1.6 Market
9	MARKET SEGMENT	Alphabetic	4*	See Table 3.1.5 MarketSegment
10	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_CR_FUT. See Table 3.1.17 Instrument Type
11	BUY/SELL	Alphabetic	1	**A :** Buy **S :** Sell
12	TRADE TYPE	Alphabetic	4*	See Table 3.1.14 TradeType
13	TRADE NUMBER	Alphanumeric	20*	Is a unique number formed by combining member transaction numbers composed for buy and sell transactions.
14	MEMBER TRADE NUMBER	Alphanumeric	70*	Unique transaction number of the member formed for each buys and sell transaction.

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No	Field Name	Field Type	Length	Description
15	ORDER ENTRY DATE AND TIME	Alphanumeric	19*	Indicates entry date and time of the order. Date and time separated with space character. (YYYY-MM-DD HH24:MI:SS)
16	ORDER NO	Alphanumeric	20*	A unique alphanumeric identity assigned to each order. (For orders on combination series, each instrument series which is a part of the combination takes the same order no. Each leg of a linked order takes the same order no). It does not include any information regarding the sequence of the order.
17	NORMAL TRADE_ TRADE REPORT	Numeric	4*	See Tablo 3.1.11 DealSource
18	PRICE	Decimal, numeric	20*	Price of trade.
19	QUANTITY	Numeric	20*	Quantity of trade.
20	TRADE VALUE	Decimal, numeric	20*	Executed trade value. For futures contract this field is calculated by multiplying price, quantity and contract size formula and for options this field is calculated by multiplying strike price, quantity and contact size (Exchange rate is used as well for the contracts quoted in foreign currency). For TLREF futures contract this field is calculated by multiplying notional value and quantity.
21	PREMIUM VALUE	Decimal, numeric	20*	Value calculated by multiplying premium price, trade quantity and contract size. (Exchange rate is used as well for the contracts quoted in foreign currency).
22	TRADE DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format
23	TRADE TIME	Numeric	8	Gives trade time in HH24:MI:SS format.
24	REFERENCE	Alphanumeric	15*	It is a field of 15 characters used for purpose to distinguish orders entered by members.
25	ACTIVE_PASSIVE	Alphabetic	1	**P**:Passive, **A**:Active Example: An order waiting on order book which matches with a later order with opposite side is passive. The order that comes later on is active.
26	GIVE UP MEMBER	Alphabetic	20*	Code of the member who overtakes the positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.
27	GIVE UP ACCOUNT	Alphanumeric	32*	Code of the member who gives-up positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.

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No	Field Name	Field Type	Length	Description
28	CLEARING DATE	Alphanumeric	10*	Shows settlement date for trade. It is the current date for trades executed in opening and normal sessions. This field is displayed in YYYY-MM-DD format
29	CLEARING TRADE NO	Numeric	19	Clearing Side Trade Leg number that can be displayed in CW.Seperate numbers are assigned to each side of the same trade.
30	CLEARING DEAL NO	Numeric	19	Clearing Side Deal ID that can be displayed in CW. This number is identical for both sides of trade.
31	SIGNATURE (SenderSubID)	Alphanumeric	30*	This is used to associate users for drop-copy collected messages. This area corresponds to the area of SenderSubID in the FIX message.

2.1.3 After Hours Session All Orders Report

File Name		Description
VIOP_AS_TED_<YYYYMMDD>.<Member Code>		After Hours Session All Orders File.
Sample Filename	VIOP_AS_TED_20200117.IYM	After Hours Session Entire orders file dated January 17, 2020 of IYM member
Sample File Contents		
IYM;6796681159171514729_80_105_125_0_5260_14463_0_1;2020-01-17 20:37:07;F_XU0300220;D_IX;INF;D_IX_FUT;A;1;8;15;0;15;BI_IYM_DE-24002347775;0;1;1;0;DAY;0;;ASIYE_KAYA_D;;;;;VIOP_AS_SUREKLI_MZYD;6;2020-01-17 20:37:07;;0;;;8;0;0;0;5E52A98100022169		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	UNIQUE ORDER NO	Alphanumeric	60*	A unique value assigned to each order. It does not include any information regarding the sequence of the order.
3	ENTRY DATE AND TIME	Alphanumeric	19*	Indicates entry date and time of the order. Date and time separated with space character. (YYYY-MM-DD HH24:MI:SS)
4	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_XU0300220
5	MARKET	Alphabetic	20*	i.e. D_CR. See Table 3.1.6 Market
6	MARKET SEGMENT	Alphabetic	4*	See Table 3.1.5 MarketSegment
7	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_IX_FUT. See Table 3.1.17 Instrument Type

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No	Field Name	Field Type	Length	Description
8	BUY_SELL	Alphabetic	1	**A :** Buy **S :** Sell
9	ORDER STATUS	Numeric	4*	Gives information regarding validity status of order. Contains information if it is active or not etc. See Table 3.1.7 OrderStatus
10	PRICE	Decimally, numeric	20*	
11	ORDER QUANTITY	Numeric	20*	It reflects changes by member . However, it does not change after matching.
12	SHOWN QUANTITY	Numeric	20*	Used for Iceberg orders.
13	BALANCE	Numeric	20*	The last order quantity after related record.
14	TRADE ACCOUNT NO	Alphanumeric	20*	Trading account number of the order.
15	ORDER TYPE	Numeric	4*	See Table 3.1.2 ExchangeOrderType
16	ORDER PRICE TYPE	Numeric	4*	See Table 3.1.1 OrderType
17	ORDER CATEGORY	Numeric	4*	Order, quotation or a trade reporting. See Table 3.1.3 OrderCategory
18	TIME VALIDITY OF ORDER	Alphanumeric	10*	Indicates the last date order is valid. Zero (0) indicates this field is not entered. (YYYY-MM-DD)
19	VALIDITY TYPE	Numeric	15*	See Table 3.1.8 OrderDurationID
20	POSITION CLOSING	Numeric	10*	See Table 3.1.9 Requested Position
21	REFERENCE	Alphanumeric	15*	It is a field of 15 characters used for the purpose to distinguish orders entered by members.
22	USER NAME	Alphanumeric	30*	Information regarding the user who entered the order.
23	TRIGGER CONDITION INSTRUMENT	Alphanumeric	32*	The instrument series determined as the subject of trigger condition in the stop order.
24	TRIGGER PRICE	Decimal, numeric	20*	The price determined for the trigger condition instrument as a condition to activate the stop order
25	TRIGGER CONDITION	Numeric	4*	The type of trigger condition used in the stop order. See Table 3.1.15 Trigger Condition
26	USER MODIFIED BY	Alphanumeric	30*	The user that has made the last change on the order.
27	SESSION STATE	Alphanumeric	40*	See Table 3.1.13 Session
28	CHANGE REASON	Numeric	4*	Indicates the reason of change on the order. For example match, cancellation, change in amount etc. See Table 3.1.4 ChangeReason

No	Field Name	Field Type	Length	Description
29	MODIFIED DATE AND TIME	Alphanumeric	19*	Indicates modification date and time of the order. Date and time seperated with space character. All records are ordered regarding to the value of this field. (YYYY-MM-DD HH24:MI:SS)
30	TRADE REPORT TYPE	Numeric	4*	Gives information regarding the type of the trade report. See 3.1.16 Trade Report Type.
31	STATE	Numeric	4*	This field gives information about session orders. This type of order stays active till the defined session state. **0**: Active **1**: Deactive
32	GIVEUP MEMBER	Alphabetic	20*	Code of the member who overtakes the positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.
33	GIVEUP ACCOUNT	Alphanumeric	32*	Code of the member who overtakes the positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.
34	BEST BID PRICE	Decimal, numeric	20*	Best bid price after order entered.
35	BEST ASK PRICE	Decimal, numeric	20*	Best offer price after order entered.
36	OFF HOURS	Numeric	1	1: Off-hours order 2: Otherwise
37	ALL OR NONE	Numeric	1	1:All or None (AoN) order 2: Otherwise
38	ORDER NO	Alphanumeric	20*	A unique alphanumeric identity assigned to each order. (For orders on combination series, each instrument series which is a part of the combination takes the same order no. Each leg of a linked order takes the same order no). It does not include any information regarding the sequence of the order.

Note: Normal session updates of off-hour flagged orders will also be included in this report.

2.1.4 After Hours Session Member Trade Book

Filename	Description
VIOP_AS_UID_< YYYYMMDD >.<Member Code>	After Hours Session Member Trading Book.

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Filename		Description
Sample Filename	VIOP_AS_UID_20200117.DZY	After Hours Session Trading book file dated January 17, 2020 of DZY member
Sample File Contents		
DE-10000730;DZY;DZY;DE-10000730;VIOP_AS_SUREKLI_MZYD;ILHAMI_KAYA_D;F_XU0300220;D_IX;INF;D_IX_FUT;S;1;96EAA8100000001;679668064807026689_6796681159171514730_0_2_0_1;2020-01-17 20:38:37;5E52A9810002216A;1;8;15;12000;0;2020-01-17;20:38:37;;A;;;2020-01-17;1119;55;TE053		

No	Field Name	Field Type	Length	Description
1	DEPOSITORY ACC NO	Alphanumeric	30*	Depository account number linked to the trading account for which the relevant orders placed.
2	DEPOSITORY MEMBER CODE	Alphanumeric	30*	Short code given by the Exchange for the depository member.
3	TRADING MEMBER CODE	Alphanumeric	30*	Short code given by the Exchange for the trading member.
4	TRADE ACC NO	Alphanumeric	30*	Trading account number for which the orders are placed.
5	SESSION STATE	Alphanumeric	40*	The session of the trade. See Table 3.1.13 Session.
6	USER	Alphanumeric	30*	Information regarding user connecting to the system and sending the order.
7	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_XU0300220
8	MARKET	Alphabetic	20*	See Table 3.1.6 Market
9	MARKET SEGMENT	Alphabetic	4*	See Table 3.1.5 MarketSegment
10	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_IX_FUT. See Table 3.1.17 Instrument Type
11	BUY/SELL	Alphabetic	1	**A :** Buy **S :** Sell
12	TRADE TYPE	Alphabetic	4*	See Table 3.1.14 TradeType
13	TRADE NUMBER	Alphanumeric	20*	Is a unique number formed by combining member transaction numbers composed for buy and sell transactions.
14	MEMBER TRADE NUMBER	Alphanumeric	70*	Unique transaction number of the member formed for each buy and sell transaction.
15	ORDER ENTRY DATE AND TIME	Alphanumeric	19*	Indicates entry date and time of the order. Date and time separated with space character. (YYYY-MM-DD HH24:MI:SS)

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No	Field Name	Field Type	Length	Description
16	ORDER NO	Alphanumeric	20*	A unique alphanumeric identity assigned to each order. (For orders on combination series, each instrument series which is a part of the combination takes the same order no. Each leg of a linked order takes the same order no). It does not include any information regarding the sequence of the order.
17	NORMAL TRADE_ TRADE REPORT	Numeric	4*	See Tablo 3.1.11 DealSource
18	PRICE	Decimal, numeric	20*	Price of trade.
19	QUANTITY	Numeric	20*	Quantity of trade.
20	TRADE VALUE	Decimal, numeric	20*	Executed trade value. For futures contract this field is calculated by multiplying price, quantity and contract size formula and for options this field is calculated by multiplying strike price, quantity and contact size (Exchange rate is used as well for the contracts qouted in foreign currency). For TLREF and Physically Delivered Government Bond futures contracts this field is calculated by multiplying notional value and quantity.
21	PREMIUM VALUE	Decimal, numeric	20*	Value calculated by multiplying premium price, trade quantity and contract size. (Exchange rate is used as well for the contracts qouted in foreign currency).
22	TRADE DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format
23	TRADE TIME	Numeric	8	Gives trade time in HH24:MI:SS format.
24	REFERENCE	Alphanumeric	15*	It is a field of 15 characters used for purpose to distinguish orders entered by members.
25	ACTIVE_PASSIVE	Alphabetic	1	**P**:Passive, **A**:Active Example: An order waiting on order book which matches with a later order with opposite side is passive. The order that comes later on is active.
26	GIVE UP MEMBER	Alphabetic	20*	Code of the member who overtakes the positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.
27	GIVE UP ACCOUNT	Alphanumeric	32*	Code of the member who gives-up positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.
28	CLEARING DATE	Alphanumeric	10*	Shows settlement date for trade. It is the current date for trades executed in normal session. This field is displayed in YYYY-MM-DD format

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No	Field Name	Field Type	Length	Description
29	CLEARING TRADE NO	Numeric	19	Clearing Side Trade Leg number that can be displayed in CW.Seperate numbers are assigned to each side of the same trade.
30	CLEARING DEAL NO	Numeric	19	Clearing Side Deal ID that can be displayed in CW. This number is identical for both sides of trade.
31	SIGNATURE (SenderSubID)	Alphanumeric	30*	This can be used to associate users for drop-copy collected messages. This area corresponds to the area of SenderSubID in the FIX message.

2.1.5 Daily Bulletin (Normal Session)

Filename		Description
VIOP_BUL_NS_<YYYYMMDD>.csv		Futures and Options Market Bulletin For Normal Session
Sample Filename	VIOP_BUL_NS_20170105 .csv	Futures and Options Market Normal Session Bulletin for January 5,2017
Sample File Contents		
2017-01-05;F_AKBNK0317;AKBNK_03/2017_VIS;D_EQ;SSF;D_EQ_FPD;DE_AKBNK_FPD;AKBNK.E;2017-03-31;4.06;4.00;1.50;4.00;3.92;4.50;4.06;4.00;9386853;0;23443;5335;17;13		
2017-01-05;O_AKBNKE0117C7.00;AKBNK_01/2017_AVRUPA_OPSIYON;D_EQ;SSO;D_EQ_ECP;DE_AKBNK_ECP;AKBNK.E;2017-01-31;0.40;0.36;11.11;0.40;0.40;0.40;0.40;0.40;87500;5000;125;1;125;90		

No	Field Name	Field Type	Length	Description
1	TRADE DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format
2	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
3	INSTRUMENT NAME	Alphanumeric	255*	Long ID. i.e. The name of F_AKBNK0117 is AKBNK_01/2017_VIS .
4	MARKET	Alphanumeric	20*	See Table 3.1.6 Market
5	MARKET SEGMENT	Alphabetic	4*	See Table 3.1.5 MarketSegment
6	INSTRUMENT TYPE	Alphanumeric	14*	i.e. D_CR_FUT. See Table 3.1.17 Instrument Type
7	INSTRUMENT CLASS	Alphanumeric	255*	i.e. DE_USDTRY_FUT. See Table 3.1.18 Instrument Class
8	UNDERLYING	Alphanumeric	14*	Underlying security of the contract. i.e. AKBNK.E See Table 3.1.19 Underlyings

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No	Field Name	Field Type	Length	Description
9	EXPIRATION DATE	Alphanumeric	10*	Expiration date of the contract. This field is displayed in YYYY-MM-DD format
10	SETTLEMENT PRICE	Decimal, numeric	20*	The price determined as specifed in VIOP Contract Specifications for futures and options contracts at the end of the trading day.
11	PREVIOUS SETTLEMENT PRICE	Decimal, numeric	20*	The settlement price for the previous day.
12	SETTLEMENT PRICE CHANGE	Decimal, numeric	20*	(%) change of the settlement price relative to previous trading day's settlement price.
13	OPENING PRICE	Decimal, numeric	20*	If there is an opening session, the equilibrium price executed in the opening session. In case there is no trade during the opening session, the price of the first trade.
14	LOWEST PRICE	Decimal, numeric	20*	Lowest price of the day
15	HIGHEST PRICE	Decimal, numeric	20*	Highest price of the day.
16	CLOSING PRICE	Decimal, numeric	20*	Last price of the day.
17	VWAP	Decimal, numeric	20*	Daily volume weighted average price.
18	TRADED VALUE	Decimal, numeric	20*	Executed trade value. For futures contract this field is calculated by multiplying price, quantity and contract size formula and for options this field is calculated by multiplying strike price, quantity and contact size (Exchange rate is used as well for the contracts quoted in foreign currency). For TLREF and Physically Delivered Government Bond futures contracts this field is calculated by multiplying notional value and quantity.
19	PREMIUM VALUE	Decimal, numeric	20*	Value calculated by multiplying premium price, trade quantity and contract size. (Exchange rate is used as well for the contracts quoted in foreign currency).
20	TRADE VOLUME	numeric	20*	The number of traded contracts.
21	TRADE COUNT	Numeric	20*	The number of trades executed
22	OPEN POSITION	Numeric	20*	The number of open positions after option exercises and trades at the end of day.
23	OPEN POSITION CHANGE	Numeric	20*	The amount of change in the number of open positions compared to the previous day.
24	OPENING SESSION PRICE	Decimal, numeric	20*	Price calculated according to single price method in opening session

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No	Field Name	Field Type	Length	Description
25	TRADED VALUE AT OPENING SESSION	Decimal, numeric	20*	Executed trade value at opening session. For futures contract this field is calculated by multiplying price, quantity and contract size formula and for options this field is calculated by multiplying strike price, quantity and contact size (Exchange rate is used as well for the contracts quoted in foreign currency). For TLREF and Physically Delivered Government Bond futures contracts this field is calculated by multiplying notional value and quantity.
26	PREMIUM VALUE AT OPENING SESSION	Decimal, numeric	20*	Value calculated by multiplying premium price, trade quantity and contract size. (Exchange rate is used as well for the contracts quoted in foreign currency).
27	TRADE VOLUME AT OPENING SESSION	Numeric	20*	The number of traded contracts at opening session.
28	TRADE COUNT AT OPENING SESSION	Numeric	20*	The number of trades executed at opening session.

Note: At the end of the Normal Session, Temporary Bulletin is sent to the members before the bulletin (Normal Session) preparations are over. Unlike Daily Bulletin, Temporary Bulletin does not include Open Position and Open Position Change values. Temporary Bulletin for Normal Session is named as VIOP_BUL_NS_GECICI_TMP_ <YYYYMMDD> .csv.

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2.1.6 Daily Bulletin (After Hour Session)

Filename		Description
VIOP_AS_BUL_<YYYYMMDD>.csv		Futures and Options Market Bulletin For After Hours Sessions
Sample Filename	VIOP_AS_BUL_20160616 .csv	Futures and Options Market After Hour Session Bulletin for June 16,2016
Sample File Contents		
2016-06-16;F_AKBNK0317;AKBNK_03/2017_VIS;D_EQ;SSF;D_EQ_FPD;DE_AKBNK_FPD;AKBNK.E;2016-06-16;;;;4.00;3.92;4.50;4.06;4.00;9386853;0;23443;5335;;		

No	Field Name	Field Type	Length	Description
1	TRADE DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format
2	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
3	INSTRUMENT NAME	Alphanumeric	255*	Long ID. i.e. The name of F_AKBNK0117 is AKBNK_01/2017_VIS .
4	MARKET	Alphanumeric	20*	See Table 3.1.6 Market
5	MARKET SEGMENT	Alphabetic	4*	See Table 3.1.5 Market Segment
6	INSTRUMENT TYPE	Alphanumeric	14*	i.e. D_CR_FUT. See Table 3.1.17 Instrument Type
7	INSTRUMENT CLASS	Alphanumeric	255*	i.e. DE_USDTRY_FUT. See Table 3.1.18 Instrument Class
8	UNDERLYING	Alphanumeric	14*	i.e. AKBNK.E See Table 3.1.19 Underlyings
9	EXPIRATION DATE	Alphanumeric	10*	Expiration date of the contract. This field is displayed in YYYY-MM-DD format
10	SETTLEMENT PRICE	Decimal, numeric	20*	The price determined as specifed in VIOP Contract Specifications for futures and options contracts at the end of the trading day. Since settlement price is not published in the after hours session, this column will be empty.

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No	Field Name	Field Type	Length	Description
11	PREVIOUS SETTLEMENT PRICE	Decimal, numeric	20*	The settlement price for the previous day. Since settlement price is not published in the after hours session, this column will be empty.
12	SETTLEMENT PRICE CHANGE	Decimal, numeric	20*	(%) change of the settlement price relative to previous trading day's settlement price. Since settlement price is not published in the after hours session, this column will be empty.
13	OPENING PRICE	Decimal, numeric	20*	If there is an opening session, the price executed in the opening session. In case there is no trade during the opening session, the price of the first trade.
14	LOWEST PRICE	Decimal, numeric	20*	Lowest price of the day.
15	HIGHEST PRICE	Decimal, numeric	20*	Highest price of the day.
16	CLOSING PRICE	Decimal, numeric	20*	Last price of the day.
17	VWAP	Decimal, numeric	20*	Daily volume weighted average price.
18	TRADED VALUE	Decimal, numeric	20*	Executed trade value. For futures contract this field is calculated by multiplying price, quantity and contract size formula and for options this field is calculated by multiplying strike price, quantity and contact size (Exchange rate is used as well for the contracts quoted in foreign currency). For TLREF and Physically Delivered Government Bond futures contracts this field is calculated by multiplying notional value and quantity.
19	PREMIUM VALUE	Decimal, numeric	20*	Value calculated by multiplying premium price, trade quantity and contract size. (Exchange rate is used as well for the contracts quoted in foreign currency).
20	TRADE VOLUME	Decimal, numeric	20*	The number of traded contracts.

No	Field Name	Field Type	Length	Description
21	TRADE COUNT	Numeric	20*	The number of trades.
22	OPEN POSITION	Numeric	20*	The number of open positions after option exercises and trades at the end of day. Since open position is not published in the after hours session, this column will be empty.
23	OPEN POSITION CHANGE	Numeric	20*	The amount of change in the number of open positions compared to the previous day. Since open position is not published in the after hours session, this column will be empty.

2.1.7 Corporate Action File

File Name		Description
voz_<YYYYMMDD>.csv		Contracts information regarding newly listed contracts, closed contracts due to corporate actions.
File Name Example	voz_20170303.csv	Corporate Action File for March 3, 2017
File Content Example		
2017-03-03;ARCLK.E;D_EQ_EPP;DE_ARCLK_EPP;O_ARCLKE0417P20.00;.39;100;O_ARCLKE0417P16.00N1;.31;125;.8		
2017-03-03;ARCLK.E;D_EQ_FPD;DE_ARCLK_FPD;F_ARCLK0317;23.86;100;F_ARCLK0317N1;19.09;125;.8		

No	Field Name	Field Type	Length	Description
1	TRADE DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format.
2	UNDERLYING	Alphanumeric	32*	i.e. AKBNK.E See Table 3.1.19 Underlyings
3	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_CR_FUT. See Table 3.1.17 Instrument Type
4	INSTRUMENT CLASS	Alphanumeric	255*	i.e. DE_USDTRY_FUT. See Table 3.1.18 Instrument Class
5	PREVIOUS INSTRUMENT SERIES	Alphanumeric	32*	Instrument series before corporate action. i.e. F_AKBNK1217

File Name				Description
6	SETTLEMENT PRICE OF THE PREVIOUS INSTRUMENT SERIES	Decimally, numeric	20*	Last settlement price announced on the day before corporate action.
7	CONTRACT SIZE OF THE PREVIOUS INSTRUMENT SERIES	Decimally, numeric	20*	The number of underlying security that the contract represents before corporate action.
8	NEW INSTRUMENT SERIES	Alphanumeric	32*	Instrument series after corporate action. i.e. F_AKBNK1217N1
9	SETTLEMENT PRICE OF THE NEW INSTRUMENT SERIES	Decimally, numeric	20*	New settlement price determined by using the adjustment multiplier after corporate action.
10	CONTRACT SIZE OF THE NEW INSTRUMENT SERIES	Decimally, numeric	20*	The number of underlying security that the contract represents after corporate action.
11	ADJUSTMENT MULTIPLIER	Decimally, numeric	10*	Multiplier calculated by dividing new theoretical price of the underlying after corporate action to the closing price of the underlying before corporate action.

2.1.8 List of Newly Listed/Delisted/Expired Contracts

File Name		Description
vsz_<YYYYMMDD>.csv		Contracts information regarding newly listed contracts, closed contracts due to corporate actions and expired contracts due to expiry date.
Example File Name	vsz_20170303.csv	List of Newly Listed/Delisted/Expired Contracts File for March 3, 2017
Sample File Contents		
2017-03-03;AKBNK.E;Option;D_EQ_ECP;DE_AKBNK_ECP;O_AKBNKE0417C8.00;E;2017-04-28;C;8;S;0;100;L;2;2;Physical Delivery;TRY		
2017-03-03;TTKOM.E;Option;D_EQ_ECP;DE_TTKOM_ECP;O_TTKOME0317C5.75;E;2017-03-31;C;5.75;S;0;100;L;2;2;Physical Delivery;TRY		

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No	Field Name	Field Type	Length	Description
1	DATE	Alphanumeric	10*	The first trade day informtation that the amendments regarding contracts will be valid. This field is displayed in YYYY-MM-DD format.
2	UNDERLYING	Alphanumeric	32*	i.e. AKBNK.E See Table 3.1.19.
3	CONTRACT TYPE	Alphabetic	30*	**Future**: Future Contracts **Option**: Options Contracts
	INSTRUMENT TYPE	Alphanumeric	14*	i.e. D_CR_FUT. See Table 3.1.17 Instrument Type
5	INSTRUMENT CLASS	Alphanumeric	255*	i.e. DE_USDTRY_FUT. See Table 3.1.18 Instrument Class
6	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
7	OPTION STYLE	Alphabetic	1*	**A**:American **E**:European
8	EXPIRATION DATE	Alphanumeric	10*	Expiration date of the contract. This field is displayed in YYYY-MM-DD format.
9	OPTION TYPE	Alphabetic	1	**C**: Call options **P**: Put options
10	STRIKE PRICE	Decimal, numeric	20*	Strike price of the options contract.
11	STANDARD_NON-STANDARD	Alphabetic	1	**N**: Non-standard contracts **S**: Standard contracts
12	INSTRUMENT SEQUENCE NUMBER	Numeric	20*	Sequence number related to non-standard contracts assigned by the Exchange. For the standard contracts, this field will be ‘0’.
13	CONTRACT SIZE	Decimal, numeric	20*	The number of underlying security that the related contract represents.
14	STATUS	Alphabetic	1	**L**: Newly listed contract **C**: Closed contract due to corporate action **E**:Expired contract due to expiry date **D**: Delisted
15	PRICE DECIMAL	Numeric	10*	The maximum number of decimal digits of order price.
16	STRIKE PRICE DECIMAL	Numeric	10*	Number of decimal digits of strike price.
17	SETTLEMENT TYPE	Alphabetic	30*	**Physical Delivery** **Cash Settlement**
18	CURRENCY	Alphabetic	3*	The currency in which the contract quotation is made. **USD** **TRY**
19	RESET DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format

2.1.9 Contracts File

File Name		Description
viopms_<YYYYMMDD>.csv		Contracts file that send to members at the beginning of the day contains current contracts information.
File name example	viopms_20170105.csv	Contracts File for January 5, 2017
File Content Example		
F_ELCBAS0217;D_EL;ENF;D_EL_FUT;D_ELCBAS02;DE_ELCBAS02B_FUT;;2017-02-28;2017-02-28;;;S;0;67.2;A;Future;100;0;Cash Settlement;TRY;120.0;108.0;132.0;0.1;1;1;N;;;67.2		
O_USDTRYKE0217C3250;D_CR;CRO;D_CR_ECO;D_USDTRYK;DE_USDTRYK_ECO;E;2017-02-28;2017-02-28;C;3250;S;0;1;A;Option;5000;0;Cash Settlement;TRY;19.5;;69.5;0.1;1;1;N;;;1		

No	Field Name	Field Type	Length	Description
1	CONTRACT CODE	Alphanumeric	32*	i.e. F_WHTANR0917
2	MARKET	Alphabetic	20*	See Table 3.1.6 Market
3	MARKET SEGMENT	Alphabetic	4*	See Table 3.1.5 MarketSegment
4	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_CR_FUT, D_IX_EPO etc. See Table 3.1.17 Instrument Type
5	UNDERLYING SECURITY	Alphanumeric	32*	i.e. AKBNK.E See Table 3.1.19 Underlyings
6	INSTRUMENT CLASS	Alphanumeric	255*	i.e. DE_USDTRY_FUT. See Table 3.1.18
7	OPTION TYPE	Alphabetic	1*	**A**:American **E**:European
8	MATURITY DATE	Alphanumeric	10*	Expiration date of the contract. This field is displayed in YYYY-MM-DD format
9	LAST TRADE DATE	Alphanumeric	10*	Last trade date of the contract. This field is displayed in YYYY-MM-DD format
10	OPTION TYPE	Alphabetic	1	**C**: Call options **P**: Put options
11	STRIKE PRICE	Decimally, numeric	20*	Strike price for options.
12	CONTRACT GROUP	Alphabetic	1	N: Non-standart contract S: Standart contract
13	CONTRACT GROUP NUMBER	Numeric	20*	Sequence number related to non-standard contracts assigned by the Exchange. For the standard contracts, this field will be '0'.
14	CONTRACT SIZE	Decimally, numeric	20*	The number of underlying security that the related contract represents.
15	STATUS	Alphabetic	1	**A**: Active **S**: Suspended

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No	Field Name	Field Type	Length	Description
16	FUTURE/OPTION	Alphabetic	30*	**Future** **Option** **StandardCombination:** Strategy contracts
17	MAXIMUM BLOCK SIZE	Alphanumeric	60*	Specify the maximum quantity of an order.
18	STRIKE PRICE DECIMAL	Numeric	10*	Number of decimal digits of strike price.
19	SETTLEMENT TYPE	Alphabetic	30*	**Physical Delivery** **Cash Settlement**
20	CURRENCY	Alphabetic	3*	The currency in which the contract quotation is made. **USD** **TRY**
21	LAST SETTLEMENT PRICE	Decimally, numeric	20*	The price determined as specifed in Contract Specificaitons for futures and options contracts at the end of the trading day.
22	LOW LIMIT	Decimally, numeric	20*	Lower price limit for future contracts.
23	UP LIMIT	Decimally, numeric	20*	Upper price limit for future contracts.
24	TICK PRICE	Decimally, numeric	20*	Minimum tick price for future and option contracts.
25	PRICE DECIMAL	Numeric	10*	The maximum number of decimal digits of order price.
26	DERIVATIVE LEVEL	Alphanumeric	14*	The market in which the underlying of security is traded. 1: The underlying of security is traded in spot market 2: The underlying of security is Level 1 contract that traded in derivatives market.
27	FLEXIBLE PRODUCT	Alphabetic	1*	**Y**: Flexible contracts **N**: Otherwise
28	NEAREST MONTH CONTRACT (M1)	Alphanumeric	32*	The nearest month leg of the strategy contracts.
29	SECOND NEAREST MONTH CONTRACT (M2)	Alphanumeric	32*	The second nearest month leg of the strategy contracts.
30	NOTIONAL VALUE	Decimally, numeric	20*	Notional value of the contracts.
31	RESET DATE	Alphanumeric	10*	The day on which positions at the contract are closed. This field is displayed in YYYY-MM-DD format.
32	DELIVERY DATE	Alphanumeric	10*	Physically Delivered Government Bond Futures Contracts'physical settlement date. This field is displayed in YYYY-MM-DD format.

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No	Field Name	Field Type	Length	Description
33	ACCRUED INTEREST	Decimally, numeric	20*	Accrued interest on underlying as of delivery date for Physically Delivered Government Bond Futures contracts.

2.1.10 Final Settlement Prices

File Name		Description
vsuz<YYYYMMDD>.csv		Final settlement prices of the expired contracts. This report shall be sent to the members on expiry dates.
Example File Name	vsuz20171025.csv	Last settlement price file for January 25, 2017
Example File Content		
2017-01-25;F_WHTANR0517;1.19		
2017-01-25;F_WHTDRM0517;0.9595		

No	Field Name	Field Type	Length	Description
1	DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format.
2	INSTRUMENT SERIES	Alphanumeric	32*	i.e.: F_WHTANR0917
3	FINAL SETTLEMENT PRICE	Decimal, numeric	20*	Final settlement price determined by the Exchange on the expiry date. This field shall be “0.00” for out of money options.

2.1.11 End of day Holdings Report

File Name		Description
vgs_<YYYYMMDD>.csv		End of day open interest and option exercise data shall be displayed for futures and options contracts.
Example File Name	vgs_20161219.csv	End of day Position File for December 19, 2016
Example File Content		
F_HALKB0117;2016-12-19;;623		
F_ARCLK0217;2016-12-19;;0		

No	Field Name	Field Type	Length	Description
1	INSTRUMENT SERIES	Alphanumeric	32*	i.e.: F_WHTANR0917
2	DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format.
3	OPTION EXERCISE	Numeric	14*	Exercised long position quantity.

No	Field Name	Field Type	Length	Description
4	OPEN INTEREST-ENDOFDAY	Numeric	20*	Open interest figure at end of day for contracts after the option exercises or executed trades.

2.1.12 Member Based Traded Value (Futures)

File Name		Description
vuhf_<YYYYMMDD>.csv		Traded value and trade value ratio of the relevant member on the Futures Market.
Example File Name	vuhf_20161219.csv	Member based trade value (futures) for December 19, 2016
Example File Content		
ACA;ACAR MENKUL DEGERLER A.S.;1461800;17.95		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	MEMBER NAME	Alphanumeric	80*	Full title of the member.
3	TRADED VALUE	Decimal, numeric	20*	Executed trade value. For futures contracts this field is calculated by multiplying price, quantity and contract size formula. (Exchange rate is used as well for the contracts quoted in foreign currency). For TLREF and Physically Delivered Government Bond futures contracts this field is calculated by multiplying notional value and quantity.
4	TRADE VALUE RATIO (%)	Decimal, numeric	10*	Ratio of the total traded value of the member to the total trade value of the whole Futures Market.

2.1.13 Member Based Traded Value (Options)

File Name		Description
vuho_<YYYYMMDD>.csv		Traded value, premium trade value, trade value ratio and premium trade value ratio of the relevant member on the Options Market.
Example File Name	vuho_20161214.csv	Member based trade value (options) for December 14, 2016
Example File Content		
DSI;DEUTSCHE SECURITIES ISTANBUL;3131400;95.87;47824;70.16		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code defining the member.
2	MEMBER NAME	Alphanumeric	80*	Full title of the member.
3	TRADED VALUE	Decimal, numeric	20*	Executed trade value. For options this field is calculated by multiplying strike price, quantity and contact size. (Exchange rate is used as well for the contracts quoted in foreign currency).

No	Field Name	Field Type	Length	Description
4	TRADE VALUE RATIO (%)	Decimal, numeric	10*	Ratio of the total traded value of the relevant member to the total traded value of the whole Option Markets
5	PREMIUM VALUE	Decimal, numeric	20*	Value calculated by multiplying premium price, trade quantity and contract size. (Exchange rate is used as well for the contracts quoted in foreign currency).
6	PREMIUM VALUE RATIO (%)	Decimal, numeric	10*	Ratio of the total premium traded value of the member to the total premium traded value of the whole Option Markets.

2.1.14 Member Based Traded Value (Futures – After Hours Session)

File Name		Description
vuhf_as_<YYYYMMDD>.csv		Traded value and trade value ratio of the relevant member on the Futures Market in after hours session
Example File Name	vuhf_as_20200117.csv	Member based trade value (futures) in after hours session for January 17, 2020
Example File Content		
ACA;ACAR MENKUL DEGERLER A.S.;1461800;17.95		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	MEMBER NAME	Alphanumeric	80*	Full title of the member.
3	TRADED VALUE	Decimal, numeric	20*	Executed trade value. For futures contracts this field is calculated by multiplying price, quantity and contract size formula. (Exchange rate is used as well for the contracts quoted in foreign currency). For TLREF and Physically Delivered Government Bond futures contract this field is calculated by multiplying notional value and quantity.
4	TRADE VALUE RATIO (%)	Decimal, numeric	10*	Ratio of the total traded value of the member to the total trade value of the whole Futures Market.

2.1.15 Member Based Exchange Fee Detail Report

File Name	Description
VBP_M_<YYYYMM>.<MEMBER CODE>	Breakdown of the related member's exchange fee. This report shall be sent to the members in the second week of each month.

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File Name		Description
Example File Name	VBP_M_201701.ZRY	
Example File Content		
ZRY;ZIRAAT YATIRIM MENKUL DEGERLER A.S.;823.25;0;0;0;823.25		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	MEMBER NAME	Alphanumeric	80*	Full title of the member.
3	TRADING FEE	Decimal, numeric	20*	Monthly trading fee based on the trading done by the member.
4	EXCHANGE FEE REBATES	Decimal, numeric	20*	Exchange fee rebate amount for the members who are applied discounted exchange fee.
5	EXCHANGE FEE ON CLOSING TRANSACTIONS	Decimal, numeric	20*	Exchange fee of the member for positions that are closed automatically by the system on the expiry date.
6	VOLUNTARY ORDER CANCELLATION FEE	Decimal, numeric	20*	Voluntary order cancellation fee of the member.
7	TOTAL	Decimal, numeric	20*	Total exchange fee amount.

2.1.16 Daily Market Making Contracts Report

File Name		Description
vpys_< YYYYMMDD >.<Member Code>		This report which is sent early in the morning to market makers indicates the list of the contracts that market maker account will be responsible for during the relevant day and session.
Example File Name	vpys_20170120.TAC	The report which is sent early morning on January 20, 2017 indicates the list of the contracts that market maker account, which opened under a member whose member code is TAC, will be responsible for.
Example File Content		
TAC,DE-68744,NORMAL,DE_ELCBAS02B_FUT,F_ELCBAS0217,FUT,		
TAC,DE-63242,NORMAL,DE_BIST30_ECO,O_XU030E0217C108.000,OTM,		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	TRADE ACCOUNT NO	Alphanumeric	20*	Trading account number of market maker.

No	Field Name	Field Type	Length	Description
3	VALID SESSION STATE	Alphabetic	12*	The session that the market making contract is valid: **NORMAL**: Normal session **AHT_SS:** Morning session **AHT_AS**: Evening session
4	INSTRUMENT CLASS	Alphanumeric	255*	i.e. DE_USDTRY_FUT. See Table 3.1.18
5	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
6	MONEYNESS	Alphanumerical	3	Gives moneyness information of option contracts (ITM: In the money, OTM: Out of the money, ATM: At the money). This field will be 'FUT' for futures contracts.

2.1.17 Daily Market Making Performance Report

<table>
<tr><th colspan="2">File Name</th><th>Description</th></tr>
<tr><td colspan="2">vpyp_<session>_< YYYYMMDD >.<Member Code></td><td>This report which is sent the end of day indicates the performance of the market maker in contracts that it is responsible for during the relevant day and session.
normal: Normal session
aht_ss: Morning session
aht_as:Evening sesion</td></tr>
<tr><th>Example File Name</th><td>vpyp_normal_20170120.TAC</td><td>The report which is sent on January 20, 2017 indicates the performance (market presence rate) of market maker account, which opened under a member whose member code is TAC, in the contracts that it is responsible for.</td></tr>
<tr><th colspan="3">Example File Content</th></tr>
<tr><td colspan="3">TAC,DE-68744,NORMAL,F_HALKB0217,85.94,70.0,</td></tr>
<tr><td colspan="3">TAC,DE-63242,NORMAL,O_XU030E0417P102.000,23.47,70.0,</td></tr>
</table>

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	TRADE ACCOUNT NO	Alphanumeric	20*	Trading account number of market maker.
3	VALID SESSION STATE	Alphabetic	12*	The session that the daily market making performance is valid: **NORMAL**: Normal session **AHT_SS**: Morning session **AHT_AS**: Evening session
4	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917

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No	Field Name	Field Type	Length	Description
5	MARKET PRESENCE RATE OF MARKET MAKER	Decimal, numeric	5*	Market presence rate is the ratio between the duration of satisfying both maximum spread and minimum order size obligations at the same time and the duration in which the market is open.
6	REQUIRED MARKET PRESENCE RATE	Decimal, numeric	4*	The market presence rate that is required to be fulfilled by market maker.

2.1.18 Monthly Market Making Performance Report

File Name		Description
vpymr_<session>_<YYYYAA>.<Member Code>		This report which is sent at the end of the month indicates the monthly performance of the market maker in contracts that it is responsible for the relevant session. **normal**: Normal session **aht_ss:** Morning session **aht_as:**Evening sesion
Example File Name	vpymr_normal_201701.TAC	The report which is sent at the end of the month indicates the performance (market presence rate) of market maker account, which opened under a member whose member code is TAC, in the contracts that it is responsible for during *normal* session.
Example File Content		
TAC,DE-68744,HALKB.E, Future, NORMAL,85.93,70.0, Y		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	TRADE ACCOUNT NO	Alphanumeric	20*	Trading account number of market maker.
3	UNDERLYING	Alphanumeric	32*	i.e: AKBNK.E See Table 3.1.19 Underlyings For monthly and quarterly electricity contracts following group information will be given instead of the underlying information: **ELCBASM**:Monthly Base Load Electricity Futures **ELCBASQ**:Quarterly Base Load Electricity Futures

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No	Field Name	Field Type	Length	Description
4	CONTRACT TYPE	Alphabetic	30*	**Future**: Future Contracts **Option**: Options Contracts
5	VALID SESSION STATE	Alphabetic	12*	The session that the monthly market making performance is valid: **NORMAL**: Normal session **AHT_SS**: Morning session **AHT_AS**: Evening session
6	MARKET PRESENCE RATE OF MARKET MAKER	Decimal, numeric	5*	Market presence rate is the ratio between the duration of satisfying both maximum spread and minimum order size obligations at the same time and the duration in which the market is open.
7	REQUIRED MARKET PRESENCE RATE	Decimal, numeric	4*	The market presence rate that is required to be fulfilled by market maker.
8	ELIGIBILITY OF MARKET MAKER	Alphanumeric	3	This field states whether market maker satisfies market presence obligation or not. If it satisfies the obligation, the field will be filled by 'Y'; otherwise, it will be filled by 'N'.

2.1.19 Rebate Report

Dosya Adı		Açıklama
VGD_M_<YYYYMM>.<Member Code>		The report indicates the details about trading value and the rebate amount that will be distributed to the market makers which fulfill the requirements of market making program.
Example File Name	VGD_M_201701.ZRY	The report indicates the details about trading value and the rebate amount of ZRY for January, 2017.
Example File Content		
ZRY;ZIRAAT YATIRIM MENKUL DEGERLER A.S.;DE-10000768; GARAN.E;OPTION;60;Y;8230.25;2000.12;6000.53;4000.34;12030.59;0.9;0.1;50;19820.55		

No	Field Name	Field Type	Length	Description
1	DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format.
2	MEMBER CODE	Alphabetic	10*	Short member code.
3	MEMBER NAME	Alphanumeric	80*	Full title of the member.
4	TRADE ACCOUNT NO	Alphanumeric	20*	Trading account number of market maker.

No	Field Name	Field Type	Length	Description
5	UNDERLYING	Alphanumeric	32*	i.e: AKBNK.E See Table 3.1.19 Underlyings For monthly and quarterly electricity contracts following group information will be given instead of the underlying information: **ELCBASM**:Monthly Base Load Electricity Futures **ELCBASQ**:Quarterly Base Load Electricity Futures
6	CONTRACT TYPE	Alphabetic	30*	**Future**: Future Contracts **Option**: Options Contracts
7	SESSION NAME	Alphabetic	30*	**NORMAL: Normal Session** **AHT: After Hours Session**
8	MARKET PRESENCE RATE OF MARKET MAKER	Numeric	3*	Market presence rate is the ratio between the duration of satisfying both maximum spread and minimum order size obligations at the same time and the duration in which the market is open.
9	ELIGIBILITY OF MARKET MAKER	Alphabetic	10*	This field states whether market maker satisfies market presence obligation or not. If it satisfies the obligation, the field will be filled by 'Y'; otherwise, it will be filled by 'N'.
10	MARKET MAKER TRADING VALUE	Decimal, numeric	20*	Market maker's trading value executed in the contracts that it is responsible for.
11	MARKET MAKER'S TRADING VALUE EXECUTED WITH NON-MARKET MAKER ACCOUNTS	Decimal, numeric	20*	Market maker's trading value executed with non-market maker accounts in the contracts that it is responsible for.
12	TRADING VALUE OF ALL MARKET MAKERS	Decimal, numeric	20*	All the market makers' trading value executed in the contracts that they are responsible for.
13	ALL MARKET MAKERS' TRADING VALUE EXECUTED WITH NON-MARKET MAKER ACCOUNTS	Decimal, numeric	20*	All the market makers' trading value executed with non-market maker accounts in the contracts that they are responsible for.
14	TOTAL TRADING VALUE	Decimal, numeric	20*	Total trading value executed in the contracts that the market maker is responsible for.

No	Field Name	Field Type	Length	Description
15	THE WEIGHT OF TRADING VALUE	Decimal, numeric	20*	The weight of market maker's trading value executed with non-market maker accounts, which is used while calculating the performance of the market maker.
16	THE WEIGHT OF MARKET PRESENCE RATE	Decimal, numeric	20*	The weight of market maker's market presence rate, which is used while calculating the performance of the market maker.
17	REVENUE SHARING RATIO	Decimal, numeric	5*	The ratio used while sharing the revenue which is calculated based on market making program rules.
18	MARKET MAKER ACCOUNT'S REVENUE AFTER THE SHARING	Decimal, numeric	20*	Market maker's share after the sharing based on market making program rules.

2.1.20. Cascade File

File Name		Description
vbs_<YYYYMMDD>.csv		Cascade file that send to members at the beginning of the day contains the series that the positions are transferred into on the last trading day.
File Name Example	vbs_20180330.csv	Cascade File for March 30, 2018
File Content Example		
2018-03-30;F_ELCBASQ218;F_ELCBAS0418		
2018-03-30;F_ELCBASQ218;F_ELCBAS0518		
2018-03-30;F_ELCBASQ218;F_ELCBAS0618		

No	Field Name	Field Type	Length	Description
1	CASCADE DATE	Alphanumeric	10*	The date when the series expire and cascade into new contracts. This field is displayed in YYYY-MM-DD format.
2	CASCADE FROM	Alphanumeric	12*	The series which will cascade into new contracts
3	CASCADE INTO	Alphanumeric	12*	The series that the expired series will cascade into

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2.2.21 Account and Instrument Based OTR Report

File Name		Description
VIOP_OTR_ACC_INS_<YYYYMM>.< Member Code >		Daily produced account and Instrument based OTR reports sent to members.
File Name Example	VIOP_OTR_ACC_INS_20220912_ZRY	Account and Instrument Based OTR Report of ZRY for September 12, 2022
File Content Example		
2022-09-12;ZRY;BI_ZRY_DE-910420;D_TPMC_C_R;F_TOASO0922;D_EQ_FPD;DE_TOASO_FPD;TOASO.E;Future;19;15;0.27		

No	Field Name	Field Type	Length	Description
1	DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format
2	MEMBER_CODE	Alphabetic	10*	Short member code.
3	ACCOUNT	Alphanumeric	20*	The account number
4	ACCOUNT TYPE	Alphabetic	20*	The account type
5	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
6	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_IX_FUT. See Table 3.1.17 Instrument Type
7	INSTRUMENT CLASS	Alphanumeric	255*	i.e. DE_USDTRY_FUT. See Table 3.1.18 Instrument Class
8	UNDERLYING	Alphanumeric	14*	Underlying security of the contract. i.e. AKBNK.E See Table 3.1.19 Underlyings
9	INSTRUMENT GROUP	Alphabetic	30*	Future Option
10	ORDER_COUNT	Numeric	20*	Order count included in OTR calculations
11	TRADE_COUNT	Numeric	20*	Trade count included in OTR calculations
12	OTR_COUNT	Decimal, numeric	20*	1. Order count/trade count -1 (If trade count is 0 then order count-1)

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2.1.22 Account Based OTR Report

File Name		Description
VIOP_OTR_ACC_SUM_<YYYYMM>.<Member Code>		Daily produced account based OTR reports sent to members.
File Name Example	VIOP_OTR_ACC_SUM_20220912.ZRY	Account Based OTR Report of ZRY for September 12, 2022
File Content Example		
2022-09-12;ZRY;BI_ZRY_DE-2297777;D_TPMC_C_R;10;7;0.43		

No	Field Name	Field Type	Length	Description
1	DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format
2	MEMBER_CODE	Alphabetic	10*	Short member code.
3	ACCOUNT	Alphanumeric	20*	The account number
4	ACCOUNT TYPE	Alphabetic	20*	The account type
5	ORDER_COUNT	Numeric	20*	Order count included in OTR calculations
6	TRADE_COUNT	Numeric	20*	Trade count included in OTR calculations
7	OTR_COUNT	Decimal, numeric	20*	Order count/trade count -1 (If trade count is 0 then order count-1)

2.1.23 Member and Instrument Based OTR Report

File Name		Description
VIOP_OTR_INS_<YYYYMM>.<Member Code>		Daily produced member and account based OTR reports sent to members.
File Name Example	VIOP_OTR_INS_20220912.ZRY	Member and Instrument Based OTR Report of ZRY for September 12, 2022
File Content Example		
2022-09-12;ZRY;F_TAVHL1022;D_EQ_FPD;DE_TAVHL_FPD;TAVHL.E;Future;5;19;-0.74		

No	Field Name	Field Type	Length	Description
1	DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format
2	MEMBER CODE	Alphabetic	10*	Short member code.
3	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
4	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_IX_FUT. See Table 3.1.17 Instrument

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				Type
5	INSTRUMENT CLASS	Alphanumeric	255*	i.e. DE_USDTRY_FUT. See Table 3.1.18 Instrument Class
6	UNDERLYING	Alphanumeric	32*	Underlying security of the contract. i.e. AKBNK.E See Table 3.1.19 Underlyings
7	INSTRUMENT GROUP	Alphabetic	30*	Future Option
8	ORDER_COUNT	Numeric	20*	Order count included in OTR calculations
9	TRADE_COUNT	Numeric	20*	Trade count included in OTR calculations
10	OTR_COUNT	Decimal, numeric	20*	2. Order count/trade count -1 (If trade count is 0 then order count-1)

2.1.24 Member Based OTR Report

File Name		Description
VIOP_OTR_SUM_<YYYYMM>.<Member Code>		Daily produced member based OTR reports sent to members.
File Name Example	VIOP_OTR_SUM_20220912.ZRY	Member Based OTR Report of ZRY for September 12, 2022
File Content Example		
2022-09-12;ZRY;Future;5;19;-0.74		

No	Field Name	Field Type	Length	Description
1	DATE	Alphanumeric	10*	This field is displayed in YYYY-MM-DD format
2	MEMBER CODE	Alphabetic	10*	Short member code.
3	ORDER_COUNT	Numeric	20*	Order count included in OTR calculations
4	TRADE_COUNT	Numeric	20*	Trade count included in OTR calculations
5	OTR_COUNT	Decimal, numeric	20*	3. Order count/trade count -1 (If trade count is 0 then order count-1)

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2.1.25 Unfiltered All Orders Report

File Name		Description
VIOP_UNF_TED_<YYYYMMDD>.<Member Code>		VİOP Unfiltered All Orders Report
Örnek Dosya Adı	VIOP_UNF_TED_20220912.ZRY	Unfiltered All Orders Report of ZRY for September 12, 2022
File Content Example		
ZRY;7608505844432109460_80_105_125_0_5660_17183_0_2;2022-08-18 10:18:03;F_ALKIM0822;D_EQ;SSF;D_EQ_FPD;S;2;27.4;10;0;10;BI_ZRY_DE-192164;0;1;1;0;GTC;0;FO_33X7VN$0;ZRY_FIX1_D;;;;;VIOP_YAYIN;6;2022-08-18 10:18:03;;0;;;25.13;26.35;0;0;6996D7C100DBFF94		

No	Field Name	Field Type	Length	Description
1	MEMBER CODE	Alphabetic	10*	Short member code.
2	UNIQUE ORDER NO	Alphanumeric	60*	A unique value assigned to each order. It does not include any information regarding the sequence of the order.
3	ENTRY DATE AND TIME	Alphanumeric	19*	Indicates entry date and time of the order. Date and time separated with space character. (YYYY-MM-DD HH24:MI:SS)
4	INSTRUMENT SERIES	Alphanumeric	32*	i.e. F_WHTANR0917
5	MARKET	Alphabetic	20*	i.e. D_CR. See Table 3.1.6 Market
6	MARKET SEGMENT	Alphabetic	4*	See Table 3.1.5 MarketSegment
7	INSTRUMENT TYPE	Alphabetic	14*	i.e. D_CR_FUT. See Table 3.1.17 Instrument Type
8	BUY_SELL	Alphabetic	1	**A :** Buy **S :** Sell
9	ORDER STATUS	Numeric	4*	Gives information regarding validity status of order. Contains information if it is active or not etc. See Table 3.1.7 OrderStatus
10	PRICE	Decimally, numeric	20*	
11	ORDER QUANTITY	Numeric	20*	It reflects changes by member . However, it does not change after matching.
12	SHOWN QUANTITY	Numeric	20*	Used for Iceberg orders.
13	BALANCE	Numeric	20*	The last order quantity after related record.
14	TRADE ACCOUNT NO	Alphanumeric	20*	Trading account number of the order.
15	ORDER TYPE	Numeric	4*	See Table 3.1.2 ExchangeOrderType
16	ORDER PRICE TYPE	Numeric	4*	See Table 3.1.1 OrderType

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No	Field Name	Field Type	Length	Description
17	ORDER CATEGORY	Numeric	4*	Order, quotation or a trade reporting. See Table 3.1.3 OrderCategory
18	TIME VALIDITY OF ORDER	Alphanumeric	10*	Indicates the last date order is valid. Zero (0) indicates this field is not entered. (YYYY-MM-DD)
19	VALIDITY TYPE	Numeric	15*	See Table 3.1.8 OrderDurationID
20	POSITION CLOSING	Numeric	10*	See Table 3.1.9 Requested Position
21	REFERENCE	Alphanumeric	15*	It is a field of 15 characters used for the purpose to distinguish orders entered by members.
22	USER NAME	Alphanumeric	30*	Information regarding the user who entered the order.
23	TRIGGER CONDITION INSTRUMENT	Alphanumeric	32*	The instrument series determined as the subject of trigger condition in the stop order.
24	TRIGGER PRICE	Decimal, numeric	20*	The price determined for the trigger condition instrument as a condition to activate the stop order
25	TRIGGER CONDITION	Numeric	4*	The type of trigger condition used in the stop order. See Table 3.1.15 Trigger Condition
26	USER MODIFIED BY	Alphanumeric	30*	The user that has made the last change on the order.
27	SESSION STATE	Alphanumeric	40*	See Table 3.1.13 Session
28	CHANGE REASON	Numeric	4*	Indicates the reason of change on the order. For example match, cancellation, change in amount etc. See Table 3.1.4 ChangeReason
29	MODIFIED DATE AND TIME	Alphanumeric	19*	Indicates modification date and time of the order. Date and time seperated with space character. All records are ordered regarding to the value of this field. (YYYY-MM-DD HH24:MI:SS)
30	TRADE REPORT TYPE	Numeric	4*	Gives information regarding the type of the trade report. See 3.1.16 Trade Report Type.
31	STATE	Numeric	4*	This field gives information about session orders. This type of order stays active till the defined session state. **0**: Active **1**: Deactive
32	GIVEUP MEMBER	Alphabetic	20*	Code of the member who overtakes the positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.

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No	Field Name	Field Type	Length	Description
33	GIVEUP ACCOUNT	Alphanumeric	32*	Code of the member who overtakes the positions in a give-up transaction. Only available when give-up is indicated at the time of order entry.
34	BEST BID PRICE	Decimal, numeric	20*	Best bid price after order entered.
35	BEST ASK PRICE	Decimal, numeric	20*	Best offer price after order entered.
36	OFF HOURS	Numeric	1	1: Off-hours order 2: Otherwise
37	ALL OR NONE	Numeric	1	1:All or None (AoN) order 2: Otherwise
38	ORDER NO	Alphanumeric	20*	A unique alphanumeric identity assigned to each order. (For orders on combination series, each instrument series which is a part of the combination takes the same order no. Each leg of a linked order takes the same order no). It does not include any information regarding the sequence of the order.

3. APPENDICES

3.1 Reference Table

3.1.1 OrderType

Undefined	0
Limit	1
Market	2
Market to Limit	3
Passive	4
Only At Best	8
Pegged to Best	16
Odd Lot	32
Imbalance	64

3.1.2 ExchangeOrderType

Undefined	0
Force	1
Short Sell	2
Market Bid	4
Price Stabilization	8
Override Crossing	16
Undisclosed Quantity	32
Mid Point	64
Always Inactive	128

Mid Point Crossing	256
Trigger On Session	512
Advertising Order	1024
OffHours Session	2048

3.1.3 OrderCategory

Unknown	0
Order	1
HybridQuote	2
Quote	4
Bait	8
Combination	16
Trade Report	32

3.1.4 ChangeReason

Undefined	0
CanceledByUser	1
Trade	3
Inactivate	4
ReplacedByUser	5
New	6
MarketOrderConverted	7
ConvertedBySystem	8
CanceledBySystem	9
CanceledByProxy	10

BaitRecalculated	11
TriggeredBySystem	12
RefreshedBySystem	13
CanceledBySystemLimitChange	15
LinkedLegCanceled	17
LinkedLegModified	18
Expired	19
CanceledDueToISS	20
InactivatedDueToISS	21
InactivatedDueToPurge	23
InactivatedDayOrder	24
InactivatedDueToDeList	25
InactivatedDueToExpiry	26
InactivatedDueToOutsideLimits	27
OrderOwnershipTransferred	28
NewInactiveOrder	29
Reloaded	30
CanceledAfterAuction	34
InactivatedDueToOutsidePriceLimits	35
ActivatedDueToOutsideLimits	36
TriggerOnSessionOrderTriggered	37
TriggerOnSessionOrderInactivated	38
UndisclosedQuantityOrderConverted	39

InactivatedDueToOrderValue	40
CanceledBySystemDeltaProtection	41
CanceledBySystemQuantityProtection	42
CrossingOrderDeleted	43
CancelledDueToParticipantBlockOnMarket	44
InactivatedDueToParticipantBlockOnMarket	45
MidPointSweepMtlConverted	48
MaqMidPointBelowMinQuantity	49
MidPointSweepReloaded	50
Paused	52
ActivatedPausedOrder	53
Deleted: PTRM misc	115
Deleted: PTRM user limits auto	116
Deleted: PTRM user limits manual	117
Deleted: PTRM market limits	118
Deleted: PTRM investor limits	119
Deleted: PTRM margin breach	120
Deleted: PTRM participant suspension	121
Deleted: PTRM mra suspension	122
Deleted: PTRM mca suspension	123
Deleted: PTRM ta suspension	124
Deleted: PTRM investor position value limit	125

3.1.5 MarketSegment

VIOP – COMMODITY FUTURES - TRY	CMF
VIOP – FX FUTURES - TRY	CRF
VIOP – FX FUTURES - USD	CRFU
VIOP – FX OPTIONS –TRY	CRO
VIOP – PHY DEL FX FUTURES - TRY	PCF
VIOP - PHY DEL FX OPTIONS - TRY	PCO
VIOP – ENERGY FUTURES -TRY	ENF
VIOP – ETF FUTURES – TRY	ETF
VIOP – FOREIGN INDEX FUTURES -TRY	FIF
VIOP – INDEX FUTURES - TRY	INF
VIOP – INDEX OPTIONS -TRY	INO
VIOP – METAL FUTURES - TRY	MTF
VIOP – OVERNIGHT REPO RATE FUTURES -TRY	ONF
VIOP – PRECIOUS METALS FUTURES - TRY	PMF
VIOP – PRECIOUS METALS FUTURES - USD	PMFU
VIOP – SINGLE STOCK FUTURES -TRY	SSF
VIOP – SINGLE STOCK OPTIONS- TRY	SSO
VIOP – TLREF FUTURES - TRY	TRF
VIOP – BOND FUTURES - TRY	BOP

3.1.6 Market

VIOP FX DERIVATIVES MARKET	D_CR
VIOP COMMODITY DERIVATIVES MARKET	D_CT

VIOP ELECTRICITY DERIVATIVES MARKET	D_EL
VIOP SINGLE STOCK DERIVATIVES MARKET	D_EQ
VIOP ETF DERIVATIVES MARKET	D_ET
VIOP OVERNIGHT REPO RATE DERIVATIVES MARKET	D_FI
VIOP FOREIGN INDEX DERIVATIVES MARKET	D_FR
VIOP INDEX DERIVATIVES MARKET	D_IX
VIOP METAL DERIVATIVES MARKET	D_MT
VIOP PRECIOUS METALS DERIVATIVES MARKET	D_PM
VIOP BOND DERIVATIVES MARKET	D_BO

3.1.7 OrderStatus

Active	1
Not On Book	2
Untriggered	3
Inactive	4

3.1.8 OrderDurationID

Day	DAY
Good Till Cancelled	GTC
Good Till Date	GTD
Good Till Time	GTT
Immediate	IMMEDIATE
Session	SESSION

3.1.9 Requested Position

DefaultForAccount	0
Open	1
Close	2
MandatoryClose	3
SetToDefaultForAccount	4

3.1.10 OrderTypeIDSet

Force	1
Short Sell (Açığa Satış)	2
Market Bid	4
Price Stablisation	8
Override Crossing	16
Undisclosed	32
Mid Point Crossing	64
Always Active	128
Mid Point Order	256
Trigger On Session	512
Advertising Order	1024
OffHours Session	2048

3.1.11 DealSource

deal_source_none	0	Internal use. Trades reported directly to the clearing subsystem.
deal_source_auto	1	Matched by system,

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		automically.
deal_source_manually	2	Matched by sisytem, manually
deal_source_outside_different	3	Trades reported, Different participant
deal_source_outside_different_om	4	Trades reported, different participants, reg. By
deal_source_outside_same	5	Trades reported, One participant
deal_source_outside_same_om	6	Trades reported, one participant, reg. By exchange
deal_source_auto_combo	7	Combination order matched against another combination order when matched by the Exchange, electronically.
deal_source_swap_box	8	Deal in a Swap Box instrument.
deal_source_auto_internal	9	Matched electronically member internal.
deal_source_swap_box_internal	10	Deal in a Swap Box instrument, member internal.
deal_source_after_outside_dif	11	After market closure, outside system, different brokers
deal_source_after_outside_diff_om	12	After market closure, outside system, different brokers, registered by the exchange
deal_source_after_outside_same	13	After market closure, outside system, one broker
deal_source_after_outside_same_om	14	After market closure, outside system, one broker, registered by the exchange.
deal_source_internally_basis	15	Internally created basis trade.
deal_source_manual_reversing	16	Reversing deal made by the exchange manually.
deal_source_basis_trade	17	Basis trade.

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deal_source_correction	18	Correction of trade
deal_source_internally_created	19	Internally created.
deal_source_open_allocation	20	Deal made at the end of an auction.
deal_source_pqr	21	Private request for quote.
deal_source_pqr_package	22	Package private request for quote.
deal_source_internal_combo	23	Internally from combo.
deal_source_internal_tm	24	Internally from TM.
deal_source_internal_average	25	Internally from average.
deal_source_internal_strip	26	Internally from strip.
deal_source_delta_hedge	27	Delta hedge.
deal_source_internal_bundle	28	CL bundle deal.
deal_source_bb_trade	32	Trade from Bulletin Board.
deal_source_bb_trade_st_combo	33	Trade from Bulletin Board, standard combo.
deal_source_bb_trade_nost_combo	34	Trade from Bulletin Board, non-standard combo.
deal_source_bb_trade_nost_combo	35	Trade from Bulletin Board, non-standard combo.
deal_source_tm_combo	36	Tailor-made combination.
deal_source_non_std_combo	37	Non-standard combination.
deal_source_block_trade_fac	38	Outside the Exchange, block trade facility.
deal_source_outside_combo	39	Trades reported, Combination
deal_source_external_vendor	40	Outside the Exchange, block trade facility.
deal_source_no_price	41	No deal price
deal_source_priority_crossing	42	Priority crossing.
deal_source_combo_vs_outright	43	Combination matched outright

		legs.
deal_source_outside_otc	44	Matched outside exchange, broker.
deal_source_advertising	53	Negotiated deal advertising board
deal_source_imp_rotation	100	
deal_source_imp_normal	101	
deal_source_imp_out_of_sequence	102	
deal_source_imp_cab_trade	103	
deal_source_imp_combo_single	104	
deal_source_imp_combo_mix	105	
deal_source_fac_orig_order	110	
deal_source_fac_counter_order	111	
deal_source_exp_orig_order	112	
deal_source_exp_counter_order	113	
deal_source_unsolicited_order	114	
deal_source_solicited_order	115	
deal_source_block_order	116	
deal_source_trade_rep	117	
deal_source_trade_rep_no_settle	118	
deal_source_imp_combo_buy_write	122	
deal_source_av_price_trade	128	Trade resulting from an Average Price Trade transaction.
deal_source_intermediate_apt	129	Intermediate trade created in an Average Price Trade transaction.
deal_source_transfer_with_price	131	Trade transfer
deal_source_transfer_misclear	132	Misclear

deal_source_efp	133	Exchange for physical (EFP).
deal_source_spread	134	Spread trade.
deal_source_aps	135	Average price system (APS).
deal_source_adjust_wo_price	136	Adjustment without price.
deal_source_adjust_with_price	137	Adjustment with price.
deal_source_ctrade	138	Deal executed at CTrade.
deal_source_cross_product_netting	139	Cross product netting.
deal_source_committed_transaction_return	140	Committed transaction return.

3.1.12 CorporateAction

Rights Issue (Pre Emptive)	01
Right Issue (Restricted to Existing Shareholders)	02
Bonus Issue	03
Capital Decrease	04
Merger and Acquisition	05
Cash Dividend	06
Other	99
Null	00

3.1.13 Session

VIOP_ACS_EMR_TP
VIOP_ACS_ESLESTIRME
VIOP_ARA
VIOP_ARA_AS
VIOP_AS_ONCESI
VIOP_AS_SONU
VIOP_AS_SUREKLI_MZYD

VIOP_DURDURMA
VIOP_DURDURMA_AS
VIOP_DURDURMA_EI
VIOP_DURDURMA_EI_AS
VIOP_ESLESTIRME
VIOP_FIYAT_SABIT
VIOP_GUNSONU
VIOP_GUNSONU_N
VIOP_GUNSONU_AS
VIOP_KAP_ESLESTIRME
VIOP_SEANS_ONCESI
VIOP_SEANS_ONCESI_AH
VIOP_SEANS_SONU
VIOP_SS_ONCESI
VIOP_SS_SONU
VIOP_SS_SUREKLI_MZYD
VIOP_SUREKLI_MZYD
VIOP_TUM_EMIR_IPTAL
VIOP_UF_ILANI
VIOP_YG_GUNSONU
VIOP_YAYIN
VIOP_YAYIN_AS
BIST_DURDURMA

3.1.14 TradeType

1	Standart - The trade is a normally registered trade.
2	Transitory The trade is placed on a transitory account.
3	Overtaking. The trade is a result of a rectify operation.
4	Reversing. The trade is a result of a rectify operation.

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5	Transfer. The trade is a result of a transfer from a daily account
6	Exercise. The trade is an exercising part in an exercise operation
7	Assign. The trade is an assign part in an exercise operation.
8	Closing. The trade is a result of a closing series operation.
9	Issue
10	New_contract. The trade is a result where delivery is new contract
11	Delivery
12	Dummy_trade
13	Alias
14	Offsetting
15	Superseding
16	State_change
17	Give_up
18	Take_up

3.1.15 Trigger Condition

1	Bid greater than or equal to
2	Bid less than or equal to
3	Offer larger than or equal to
4	Offer less than or equal to
5	Last Paid greater than or equal to
6	Last Paid less than or equal to

3.1.16 Trade Report Type

EQUITY INDEX FUTURES NEGOTIATED DEALS BOARD	21
EQUITY INDEX OPTIONS NEGOTIATED DEALS BOARD	22
MINI INDEX OPTIONS NEGOTIATED DEALS BOARD	23
EQUITY FUTURES NEGOTIATED DEALS BOARD	106
EQUITY OPTIONS NEGOTIATED DEALS BOARD	107
USDTRY FUTURES NEGOTIATED DEALS BOARD	28
EURTRY FUTURES NEGOTIATED DEALS BOARD	29
PHY DEL USDTRY FUTURES NEGOTIATED DEALS BOARD	78

EQUITY OPTIONS ADVERTISING BOARD	127
USDTRY FUTURES ADVERTISING BOARD	128
EURTRY FUTURES ADVERTISING BOARD	129
EURUSD FUTURES ADVERTISING BOARD	130
USDTRY OPTIONS ADVERTISING BOARD	131
GOLD FUTURES ADVERTISING BOARD	132
USD/OUNCE FUTURES ADVERTISING BOARD	133
COTTON FUTURES ADVERTISING BOARD	134
ANATOLIAN RED WHEAT FUTURES ADVERTISING BOARD	135
MONTHLY BASE LOAD ELECTRICITY FUTURES ADVERTISING BOARD	137
SASX10 FUTURES ADVERTISING BOARD	138
STEEL SCRAP FUTURES ADVERTISING BOARD	139
FBIST ETF FUTURES ADVERTISING BOARD	140
TLREF FUTURES ADVERTISING BOARD	143
RUBTRY FUTURES ADVERTISING BOARD	145
CNHTRY FUTURES ADVERTISING BOARD	147
DURUM WHEAT FUTURES ADVERTISING BOARD	151
QUARTERLY YEARLY ELECTRICITY FUTURES ADVERTISING BOARD	154
BIST LIQUID BANKS FUTURES ADVERTISING BOARD	155
BIST LIQUID 10 EX BANKS FUTURES ADVERTISING BOARD	156
BIST SUSTAINABILITY 25 FUTURES ADVERTISING BOARD	157

3.1.17 Instrument Type

CURRENCY CALL OPTIONS (EUROPEAN)	D_CR_ECO
CURRENCY PUT OPTIONS (EUROPEAN)	D_CR_EPO
CURRENCY FUTURES	D_CR_FUT
CURRENCY FUTURES (PHY DEL)	D_CR_FPD
CURRENCY CALL OPTIONS (PHY DEL)	D_CR_ECP
CURRENCY PUT OPTIONS (PHY DEL)	D_CR_EPP
COMMODITY FUTURES (PHY DEL)	D_CT_FPD
SIMPLE ELEC. FUTURES NO CASCADE	D_EL_FUT
EQUITY CALL OPTIONS (PHY DEL)	D_EQ_ECP
EQUITY PUT OPTIONS (PHY DEL)	D_EQ_EPP

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EQUITY FUTURES (PHY DEL)	D_EQ_FPD
ETF FUTURES	D_ET_FUT
FIXED INCOME FUTURES	D_FI_FUT
FOREIGN INDEX FUTURES	D_FR_FUT
MINI INDEX EUROPEAN CALL OPTIONS	D_IX_ECM
INDEX EUROPEAN CALL OPTIONS	D_IX_ECO
MINI INDEX EUROPEAN PUT OPTIONS	D_IX_EPM
INDEX EUROPEAN PUT OPTIONS	D_IX_EPO
INDEX FUTURES	D_IX_FUT
METAL FUTURES	D_MT_FUT
PRECIOUS METALS FUTURES	D_PM_FUT
BOND FUTURES	D_BO_FPD

3.1.18 Instrument Class

AEFES EQUITY FUTURES (PD)	DE_AEFES_ECP
AKBNK EQUITY CALL OPTIONS (PD)	DE_AKBNK_ECP
AKBNK EQUITY PUT OPTIONS (PD)	DE_AKBNK_EPP
AKBNK EQUITY FUTURES (PD)	DE_AKBNK_FPD
AKSEN EQUITY FUTURES (PD)	DE_AKSEN_FPD
ALARK EQUITY CALL OPTIONS (PD)	DE_ALARK_ECP
ALARK EQUITY PUT OPTIONS (PD)	DE_ALARK_EPP
ALARK EQUITY FUTURES (PD)	DE_ALARK_FPD
ALKIM EQUITY FUTURES (PD)	DE_ALKIM_ECP
ARCLK EQUITY CALL OPTIONS (PD)	DE_ARCLK_ECP
ARCLK EQUITY PUT OPTIONS (PD)	DE_ARCLK_EPP
ARCLK EQUITY FUTURES (PD)	DE_ARCLK_FPD
ASELS EQUITY FUTURES (PD)	DE_ASELS_FPD
ASTOR EQUITY FUTURES (PD)	DE_ASTOR_FPD
BIMAS EQUITY CALL OPTIONS (PD)	DE_BIMAS_ECP
BIMAS EQUITY PUT OPTIONS (PD)	DE_BIMAS_EPP
BIMAS EQUITY FUTURES (PD)	DE_BIMAS_FPD
BIST BANKA INDEX FUTURES	DE_BISTBANKA_FUT
BIST SINAI INDEX FUTURES	DE_BISTSINAI_FUT
BIST SUSTAINABILITY 25 INDEX FUTURES	DE_BISTSUR25_FUT
BIST LIKIT BANKA INDEX FUTURES	DE_BISTLBANKA_FUT
BIST BD LIKIT 10 INDEX FUTURES	DE_BISTBDLIKIT10_FUT

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BIST 30 INDEX CALL OPTIONS	DE_BIST30_ECO
BIST 30 INDEX PUT OPTIONS	DE_BIST30_EPO
BIST 30 INDEX FUTURES	DE_BIST30_FUT
MINI BIST 30 INDEX CALL OPTIONS	DE_BIST30M_ECM
MINI BIST 30 INDEX PUT OPTIONS	DE_BIST30M_EPM
BRSAN EQUITY FUTURES (PD)	DE_BRSAN_FPD
CCOLA EQUITY FUTURES (PD)	DE_CCOLA_FPD
CIMSA EQUITY FUTURES (PD)	DE_CIMSA_FPD
CNH/TRY FUTURES	DE_CNHTRY_FUT
AEGEAN COTTON FUTURES (PD)	DE_COTEGE_FPD
DOAS EQUITY FUTURES (PD)	DE_DOAS_FPD
DOHOL EQUITY FUTURES (PD)	DE_DOHOL_FPD
ECILC EQUITY FUTURES (PD)	DE_ECILC_ECP
EKGYO EQUITY CALL OPTIONS (PD)	DE_EKGYO_ECP
EKGYO EQUITY PUT OPTIONS (PD)	DE_EKGYO_EPP
EKGYO EQUITY FUTURES (PD)	DE_EKGYO_FPD
ELECTR TR BASE M01 FUTURES	DE_ELCBAS01B_FUT
ELECTR TR BASE M02 FUTURES	DE_ELCBAS02B_FUT
ELECTR TR BASE M03 FUTURES	DE_ELCBAS03B_FUT
ELECTR TR BASE M04 FUTURES	DE_ELCBAS04B_FUT
ELECTR TR BASE M05 FUTURES	DE_ELCBAS05B_FUT
ELECTR TR BASE M06 FUTURES	DE_ELCBAS06B_FUT
ELECTR TR BASE M07 FUTURES	DE_ELCBAS07B_FUT
ELECTR TR BASE M08 FUTURES	DE_ELCBAS08B_FUT
ELECTR TR BASE M09 FUTURES	DE_ELCBAS09B_FUT
ELECTR TR BASE M10 FUTURES	DE_ELCBAS10B_FUT
ELECTR TR BASE M11 FUTURES	DE_ELCBAS11B_FUT
ELECTR TR BASE M12 FUTURES	DE_ELCBAS12B_FUT
ELECTR TR BASE Q1 FUTURES	DE_ELCBASQ1B_FUT
ELECTR TR BASE Q2 FUTURES	DE_ELCBASQ2B_FUT
ELECTR TR BASE Q3 FUTURES	DE_ELCBASQ3B_FUT
ELECTR TR BASE Q4 FUTURES	DE_ELCBASQ4B_FUT
ELECTR TR BASE YEAR FUTURES	DE_ELCBASQYB_FUT
ENJSA EQUITY FUTURES (PD)	DE_ENJSA_FPD
ENKAI EQUITY CALL OPTIONS (PD)	DE_ENKAI_ECP
ENKAI EQUITY PUT OPTIONS (PD)	DE_ENKAI_EPP

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ENKAI EQUITY FUTURES (PD)	DE_ENKAI_FPD
EREGL EQUITY CALL OPTIONS (PD)	DE_EREGL_ECP
EREGL EQUITY PUT OPTIONS (PD)	DE_EREGL_EPP
EREGL EQUITY FUTURES (PD)	DE_EREGL_FPD
EUR/TRY FUTURES	DE_EURTRY_FUT
EUR/USD FUTURES	DE_EURUSD_FUT
FBIST ETF FUTURES	DE_FBIST_FUT
FROTO EQUITY CALL OPTIONS (PD)	DE_FROTO_ECP
FROTO EQUITY PUT OPTIONS (PD)	DE_FROTO_EPP
FROTO EQUITY FUTURES (PD)	DE_FROTO_FPD
GARAN EQUITY CALL OPTIONS (PD)	DE_GARAN_ECP
GARAN EQUITY PUT OPTIONS (PD)	DE_GARAN_EPP
GARAN EQUITY FUTURES (PD)	DE_GARAN_FPD
GBP/USD FUTURES	DE_GBPUSD_FUT
GUBRF EQUITY FUTURES (PD)	DE_GUBRF_FPD
HALKB EQUITY CALL OPTIONS (PD)	DE_HALKB_ECP
HALKB EQUITY PUT OPTIONS (PD)	DE_HALKB_EPP
HALKB EQUITY FUTURES (PD)	DE_HALKB_FPD
HEAVY MELTING SCRAP INDX FUTURES	DE_HMSTR_FUT
HEKTS EQUITY FUTURES (PD)	DE_HEKTS_ECP
IPEKE EQUITY FUTURES (PD)	DE_IPEKE_ECP
ISCTR EQUITY CALL OPTIONS (PD)	DE_ISCTR_ECP
ISCTR EQUITY PUT OPTIONS (PD)	DE_ISCTR_EPP
ISCTR EQUITY FUTURES (PD)	DE_ISCTR_FPD
ISFIN EQUITY FUTURES (PD)	DE_ISFIN_FPD
ISGYO EQUITY FUTURES (PD)	DE_ISGYO_FPD
KARSN EQUITY FUTURES (PD)	DE_KARSN_FPD
KCHOL EQUITY CALL OPTIONS (PD)	DE_KCHOL_ECP
KCHOL EQUITY PUT OPTIONS (PD)	DE_KCHOL_EPP
KCHOL EQUITY FUTURES (PD)	DE_KCHOL_FPD
KONTR EQUITY FUTURES (PD)	DE_KONTR_FPD
KOZAA EQUITY FUTURES (PD)	DE_KOZAA_FPD
KOZAL EQUITY FUTURES (PD)	DE_KOZAL_FPD
KRDMD EQUITY CALL OPTIONS (PD)	DE_KRDMD_ECP
KRDMD EQUITY PUT OPTIONS (PD)	DE_KRDMD_EPP
KRDMD EQUITY FUTURES (PD)	DE_KRDMD_FPD

MGROS EQUITY FUTURES (PD)	DE_MGROS_FPD
MPARK EQUITY FUTURES (PD)	DE_MPARK_FPD
ODAS EQUITY FUTURES (PD)	DE_ODAS_FPD
ON REPO MONTHLY FUTURES	DE_ONREPOM_FUT
ON REPO QUARTERLY FUTURES	DE_ONREPOQ_FUT
OYAKC EQUITY FUTURES	DE_OYAKC_FPD
PETKM EQUITY CALL OPTIONS (PD)	DE_PETKM_ECP
PETKM EQUITY PUT OPTIONS (PD)	DE_PETKM_EPP
PETKM EQUITY FUTURES (PD)	DE_PETKM_FPD
PGSUS EQUITY CALL OPTIONS (PD)	DE_PGSUS_ECP
PGSUS EQUITY PUT OPTIONS (PD)	DE_PGSUS_EPP
PGSUS EQUITY FUTURES (PD)	DE_PGSUS_FPD
RUB/TRY FUTURES	DE_RUBTRY_FUT
SAHOL EQUITY CALL OPTIONS (PD)	DE_SAHOL_ECP
SAHOL EQUITY PUT OPTIONS (PD)	DE_SAHOL_EPP
SAHOL EQUITY FUTURES (PD)	DE_SAHOL_FPD
SASA EQUITY FUTURES (PD)	DE_SASA_FPD
SASX10 INDEX FUTURES	DE_SASX10_FUT
SISE EQUITY CALL OPTIONS (PD)	DE_SISE_ECP
SISE EQUITY PUT OPTIONS (PD)	DE_SISE_EPP
SISE EQUITY FUTURES (PD)	DE_SISE_FPD
SKBNK EQUITY FUTURES (PD)	DE_SKBNK_FPD
SOKM EQUITY FUTURES (PD)	DE_SOKM_FPD
TAVHL EQUITY CALL OPTIONS (PD)	DE_TAVHL_ECP
TAVHL EQUITY PUT OPTIONS (PD)	DE_TAVHL_EPP
TAVHL EQUITY FUTURES (PD)	DE_TAVHL_FPD
TCELL EQUITY CALL OPTIONS (PD)	DE_TCELL_ECP
TCELL EQUITY PUT OPTIONS (PD)	DE_TCELL_EPP
TCELL EQUITY FUTURES (PD)	DE_TCELL_FPD
THYAO EQUITY CALL OPTIONS (PD)	DE_THYAO_ECP
THYAO EQUITY PUT OPTIONS (PD)	DE_THYAO_EPP
THYAO EQUITY FUTURES (PD)	DE_THYAO_FPD
TKFEN EQUITY FUTURES (PD)	DE_TKFEN_FPD
TLREF FUTURES1 MONTH	DE_TLREF1M_FUT
TOASO EQUITY CALL OPTIONS (PD)	DE_TOASO_ECP
TOASO EQUITY PUT OPTIONS (PD)	DE_TOASO_EPP

TOASO EQUITY FUTURES (PD)	DE_TOASO_FPD
TRGYO EQUITY FUTURES (PD)	DE_TRGYO_FPD
TSKB EQUITY FUTURES (PD)	DE_TSKB_FPD
TTKOM EQUITY CALL OPTIONS (PD)	DE_TTKOM_ECP
TTKOM EQUITY PUT OPTIONS (PD)	DE_TTKOM_EPP
TTKOM EQUITY FUTURES (PD)	DE_TTKOM_FPD
TUPRS EQUITY CALL OPTIONS (PD)	DE_TUPRS_ECP
TUPRS EQUITY PUT OPTIONS (PD)	DE_TUPRS_EPP
TUPRS EQUITY FUTURES (PD)	DE_TUPRS_FPD
TURSG EQUITY FUTURES (PD)	DE_TURSG_FPD
ULKER EQUITY FUTURES (PD)	DE_ULKER_FPD
USD/TRY FUTURES	DE_USDTRY_FUT
USD/TRY CALL OPTIONS	DE_USDTRYK_ECO
USD/TRY PUT OPTIONS	DE_USDTRYK_EPO
USD/TRY PHY DEL FUTURES	DE_USDTRYP_FPD
USD/TRY PHY DEL PUT OPTIONS	DE_USDTRYKP_EPP
USD/TRY PHY DEL CALL OPTIONS	DE_USDTRYKP_ECP
VAKBN EQUITY CALL OPTIONS (PD)	DE_VAKBN_ECP
VAKBN EQUITY PUT OPTIONS (PD)	DE_VAKBN_EPP
VAKBN EQUITY FUTURES (PD)	DE_VAKBN_FPD
VESTL EQUITY FUTURES (PD)	DE_VESTL_FPD
ANATOLIAN RED WHEAT FUTURES (PD)	DE_WHTANR_FPD
HARD WHEAT FUTURES (PD)	DE_WHTDRM_FPD
GOLD GR/TRY FUTURES	DE_XAUTRY_FUT
OUNCE GOLD FUTURES	DE_XAUUSD_FUT
OUNCE SILVER FUTURES	DE_XAGUSD_FUT
OUNCE PALLADIUM FUTURES	DE_XPDUSD_FUT
OUNCE PLATINUM FUTURES	DE_XPTUSD_FUT
YKBNK EQUITY CALL OPTIONS (PD)	DE_YKBNK_ECP
YKBNK EQUITY PUT OPTIONS (PD)	DE_YKBNK_EPP
YKBNK EQUITY FUTURES (PD)	DE_YKBNK_FPD
TRTDDMMYYTXX BOND FUTURES (PD)	DE_ TRTDDMMYYTXX_FPD

3.1.19 Underlyings

AEFES.E	Anadolu Efes Biracılık ve Malt Sanayii A.Ş.
AKBNK.E	Akbank T.A.Ş.

(Unofficial Translation)

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AKSEN	Aksa Enerji Üretim A.Ş.
ALARK	Alarko Holding A.Ş.
ALKIM.E	Alkim Alkali Kimya A.Ş.
ARCLK.E	Arçelik A.Ş.
ASELS.E	Aselsan Elektronik Sanayi ve Ticaret A.Ş.
ASTOR.E	Astor Enerji A.Ş.
BIMAS.E	Bim Birleşik Mağazalar A.Ş.
BRSAN.E	Borusan Birleşik Boru Fabrikaları Sanayi ve Ticaret A.Ş.
CCOLA.E	Coca-Cola İçecek A.Ş.
CIMSA.E	Çimsa Çimento Sanayi ve Ticaret A.Ş.
D_CNHTRY	TRY/CNH Parity
D_COTEGE	Aegean Standard 1 Cotton
D_ELCBAS01	Base Load Electricity (January)
D_ELCBAS02	Base Load Electricity (February)
D_ELCBAS03	Base Load Electricity (March)
D_ELCBAS04	Base Load Electricity (April)
D_ELCBAS05	Base Load Electricity (May)
D_ELCBAS06	Base Load Electricity (June)
D_ELCBAS07	Base Load Electricity (July)
D_ELCBAS08	Base Load Electricity (August)
D_ELCBAS09	Base Load Electricity (September)
D_ELCBAS10	Base Load Electricity (October)
D_ELCBAS11	Base Load Electricity (November)
D_ELCBAS12	Base Load Electricity (December)
D_ELCBASQ1	Base Load Electricity (1st Quarter)
D_ELCBASQ2	Base Load Electricity (2nd Quarter)
D_ELCBASQ3	Base Load Electricity (3rd Quarter)
D_ELCBASQ4	Base Load Electricity (4th Quarter)
D_ELCBASY	Base Load Electricity (Year)
D_EURTRY	TRY/EUR Parity
D_EURUSD	EUR/USD cross currency rate
D_GBPUSD	GBP/USD cross currency rate
D_HMSTR	HMS 1&2 80 20 CFR İskenderun Steel Scrap Index
D_ONREPOM	Monthly Overnight Repo Rate
D_ONREPOQ	Quarterly Overnight Repo Rate
D_RUBTRY	TRY/RUB Parity

D_SASX10	SASX 10 Price Index
D_TLREF1M	1 Month TLREF
D_USDTRY	TRY/USD Parity
D_USDTRYK	TRY/USD Parity *1000
USDTRYP.CX	PHY DEL TRY/USD Parity
USDTRYKP.CX	PHY DEL TRY/USD Parity *1000
D_WHTANR	The Second Degree Anatolian Hard Red Wheat
D_WHTDRM	The Third Degree Durum Wheat
D_XAUTRY	Pure Gold (TRY/gram)
D_XAUUSD	Pure Gold (USD/ounce)
D_XAGUSD	Pure Silver (USD/ounce)
D_XPDUSD	Paladyum (USD/ons)
D_XPTUSD	Platin (USD/ons)
D_XBANKD	BIST Bank Price Index
D_XUSIND	BIST Industrials Price Index
D_XSD25D	BIST Sustainability 25 Index
D_XLBNKD	BIST Liquid Banks Price Index
D_X10XBD	BIST Liquid 10 Ex Banks Price Index
D_XU030D	BIST 30 Price Index
D_XU030DM	BIST 30 Price Index (For Mini Index contracts)
DOAS.E	Doğuş Otomotiv Servis ve Ticaret A.Ş.
DOHOL.E	Doğan Şirketler Grubu Holding A.Ş.
ECILC.E	EİS Eczacıbaşı İlaç Sınai ve Finansal Yatırımlar San. ve Tic. A.Ş.
EKGYO.E	Emlak Konut Gayrimenkul Yatırım Ortaklığı A.Ş.
ENJSA.E	Enerjisa Enerji A.Ş.
ENKAI.E	ENKA İnşaat Ve Sanayi A.Ş.
EREGL.E	Ereğli Demir ve Çelik Fabrikaları T.A.Ş.
FBIST.F	Finans Portföy FTSE Istanbul Bono FBIST Exchange Traded Fund
FROTO.E	Ford Otomotiv Sanayi A.Ş.
GARAN.E	T. Garanti Bankası A.Ş.
GUBRF.E	Gübre Fabrikaları T.A.Ş.
HALKB.E	Türkiye Halk Bankası A.Ş.
HEKTS.E	Hektaş Ticaret T.A.Ş.
IPEKE.E	İpek Doğal Enerji Kaynakları Araştırma ve Üretim A.Ş.
ISCTR.E	T. İş Bankası A.Ş
ISFIN.E	İş Finansal Kiralama A.Ş.

ISGYO.E	İş Gayrimenkul Yatırım Ortaklığı A.Ş.
KARSN.E	Karsan Otomotiv Sanayii ve Ticaret A.Ş.
KCHOL.E	Koç Holding A.Ş.
KONTR.E	Kontrolmatik Teknoloji Enerji ve Mühendislik A.Ş.
KOZAA.E	Koza Anadolu Metal Madencilik İşletmeleri A.Ş.
KOZAL.E	Koza Altın İşletmeleri A.Ş.
KRDMD.E	Kardemir Karabük Demir Çelik Sanayi ve Ticaret A.Ş.
MGROS.E	Migros Ticaret A.Ş.
MPARK.E	MLP Sağlık Hizmetleri A.Ş.
ODAS.E	Odaş Elektrik Üretim Sanayi Ticaret A.Ş.
OYAKC	Oyak Çimento Fabrikaları A.Ş.
PETKM.E	Petkim Petrokimya Holding A.Ş.
PGSUS.E	Pegasus Hava Taşımacılığı A.Ş.
SAHOL.E	H.Ö. Sabancı Holding A.Ş.
SASA.E	SASA Polyester Sanayi A.Ş.
SISE.E	Türkiye Şişe ve Cam Fabrikaları A.Ş.
SKBNK.E	Şekerbank T.A.Ş.
SOKM.E	Şok Marketler Ticaret A.Ş.
TAVHL.E	TAV Havalimanları Holding A.Ş.
TCELL.E	Turkcell İletişim Hizmetleri A.Ş.
THYAO.E	Türk Hava Yolları A.O.
TKFEN.E	Tekfen Holding A.Ş.
TOASO.E	Tofaş Türk Otomobil Fabrikası A.Ş.
TRGYO.E	Torunlar Gayrimenkul Yatırım Ortaklığı A.Ş.
TSKB.E	Türkiye Sınai Kalkınma Bankası A.Ş.
TTKOM.E	Türk Telekomünikasyon A.Ş.
TUPRS.E	Tüpraş Türkiye Petrol Rafinerileri A.Ş.
TURSG.E	Türkiye Sigorta A.Ş.
ULKER.E	Ülker Bisküvi Sanayi A.Ş.
VAKBN.E	Türkiye Vakıflar Bankası T.A.O.
VESTL.E	Vestel Elektronik Sanayi ve Ticaret A.Ş.
YKBNK.E	Yapı ve Kredi Bankası A.Ş.
TRTDDMMYYTXX	TRTDDMMYYTXX – Government Debt Securities