

Document	Type	Announcement
	Number	2020/17
	Subject	Regarding the Dates of Rehearsals and the Environment Related to the Removal of Two Zeros From Equity Indexes
	Approval Date	04./03./2020
	From	Information Technology Directorates, Market Directorates
	To	Members, Data Vendors and Software Providing Organizations

To Whom It May Concern,

Reference: Announcement dated 19.02.2020 and numbered 2020/12

In the reference it is announced that two zeros will be removed from equity indexes by April 27, 2020 especially from BIST 30 and BIST 100, which are calculated by Borsa İstanbul. It has also been announced that index value will be continued to shown with 2 digits after the comma.

In this context, wide member participation rehearsals have been planned in order to test the removal of two zeros from indexes and a new environment in which rehearsals can be conducted has been prepared. The access information of this environment will be shared on <https://connect.borsaistanbul.com> following the announcement.

Production users/passwords and port information will be used in the rehearsal environment member connections for testing. Production users/passwords have also been defined for Data Vendors' connections, and the port information will be used as in the test environment. Thus, it is of utmost importance to check and confirm that the connection is made to the rehearsal environment instead of the production environment. The access information for the environment will be shared with Data Vendors on a later date.

The new environment, which was prepared in the context of the removal of two zeros from the indexes, will be open between March 9-11 for the connection tests. All stakeholders are expected to complete their connection tests successfully between **March 9-11, 2020** in order not to have a connection issue during the rehearsals(four times) that will start from March 13, 2020.

Rehearsal Timetable:

Plan	1. REHEARSAL (March 13 - 18)	2. REHEARSAL (March 20 - 25)	3. REHEARSAL (March 27 - April 1)	4. REHEARSAL (April 3 – 15)
Date of production environment data to be transitioned by end of day	End of day data on March 12 in production environment	End of day data on March 19 in production environment	End of day data on March 26 in production environment	End of day data on April 2 in production environment
Prod data control and rehearsal steps prior to transition	March 13, Friday (13:30-18:15)	March 20, Friday (13:30-18:15)	March 27, Friday (13:30-18:15)	April 3, Friday (13:30-18:15)
1. Rehearsal day	March 16, Monday	March 23, Monday	March 30, Monday	April 6, Monday
2. Rehearsal day	March 17, Tuesday	March 24, Tuesday	March 31, Tuesday	April 7, Tuesday
3. Rehearsal day	March 18, Wednesday	March 25, Wednesday	April 1, Wednesday	April 8, Wednesday
Other test dates	-	-	-	April 9-10-13-14-15

Production environment data will be transferred to the rehearsal environment, which was setup for the testing of removal of two zeros from the indexes, according to rehearsal timetable. As can be seen from the table, it is planned to have four go-live rehearsals and each testing period will last at least three days long.

Production environment data will be transferred to the test environment on Thursday of each rehearsal period and members will be asked to control the accuracy of the data and complete the pre-determined rehearsal test steps in 1 business day prior to the transition. The test environment will be testable for rehearsals from Monday morning specified at the rehearsal timetable. The indexes will have 2 zeros removed and the environment will be adapted to the derivatives contracts. It is of utmost importance to attend all rehearsals that are indicated in the table.

The scenario plan that has been prepared by VIOP can be found in the attachment. Members are required to send the rehearsal results document, which will be provided by VIOP at <https://connect.borsaistanbul.com> prior to the rehearsal, to Provasonuc@borsaistanbul.com.

For all questions and issues on the subject please feel free to contact bistechsupport_autoticket@borsaistanbul.com.

Kindly submitted to your information.

Yours Sincerely,

Ali ÖMÜRBEK
Executive Vice President

Necdet KARDAN
Executive Vice President

Attachment : Removal of Two Zeros From Equity Indexes:

Derivatives Market - Member Test Case Scenarios

Test Cases

Date: 1 day before transition (current index values)

Recommended Actions

1. At the beginning of the day (VIOP_SEANS_ONCESI), the current collateral and position values are verified for the accounts carrying positions in index futures and option contracts using the loaded production environment data. (verification of production environment data)
2. Along with the opening of the normal session (VIOP_SUREKLI_MZYD), trades will be executed via entering limit and market orders to the BIST-30 / Liquid Bank / Liquid 10 Ex Banks / Industrial / Bank Index futures contracts and BIST-30 Index option contracts for the accounts with positions and for the new accounts.
3. Before the end of the session, the following two steps are to be handled at least for one account:
 - a. There should be orders on Index contracts with the validity of Good-Till-Cancelled and Good-Till-Date that are pending on order book.
 - b. There should be open positions on any index option contracts
4. Along with the end of the session (VIOP_SEANS_SONU), it is confirmed that the orders pending at the index contracts are canceled by the system and the relevant FIX messages can be received.
5. It is confirmed that order book and trade book are published with no problem.
6. The consistency of collateral / profit and loss amounts of the accounts on which trades are executed is checked.
7. Initial and variation margins are checked for the accounts that have positions on BIST-30 / Liquid Bank / Liquid 10 Ex Banks / Industrial / Bank Index futures contracts and BIST-30 Index option contracts.

Date: The transition day and the days following the transition (new index values)

Recommended Actions

1. Along with the opening of the system, It is checked that statistics such as base price, settlement price, margin price, opening price and calculated lower / upper limit values are sent in accordance with the new price quotation in the index contracts through the reference data (RD) and TW channels.
2. At the beginning of the day (VIOP_SEANS_ONCESI), the consistency of the current collateral and position values (taking into account the costs of the member's own system) is checked for the accounts carrying positions in index futures and option contracts. Risk parameter file is also checked.
3. It is confirmed that like corporate actions case, the positions on the options contracts whose exercise prices are determined with the old index values (i.e., 120-140-160) are automatically transferred to the new contracts whose exercise prices are coherent with the new index values (i.e., 1200-1400-1600) by using reports of List of Newly Listed/Delisted Expired Contracts and

Corporate Action. In this context, similar to corporate actions on the Single Stock Contracts, it is verified that corporate action's message is received for open index option positions.

4. With the opening of the normal session (VIOP_SUREKLI_MZYD) trades will be executed via entering limit and market orders (including after hour's orders) with new price ticks to the BIST-30 / Liquid Bank / Liquid 10 Ex Banks / Industrial / Bank Index futures contracts and BIST-30 Index option contracts for the accounts with positions and for the new accounts.
 5. Flexible Contract on index options is created and trade is executed on this flexible contract. Trade report is executed for any of index contracts.
 6. Orders entered in the normal session with off-hour flag and within the price limits of evening session are moved to evening session (VIOP_AS_SUREKLI_MZYD) and the other passive orders are paused like current procedure is checked. The appropriateness of the related messaging is checked.
 7. For the open positions of accounts that trades are executed, the initial and variation margin , profit and loss amounts and position values are checked during the day and at the of the day depending on the price movements.
 8. Settlement Prices are checked. It is confirmed that order book and trade book are published without any problem.
- ❖ For the market makers,
- The content of Daily Market Making Contracts Report is checked.
 - Order can be entered with new spreads and market makers obligations is checked.
 - It is confirmed that Daily Market Making Performance Report is compatible with the new index values.