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Document	Type	Announcement
	No	2016 / 46
	Subject	General Test on 07/05/2016 Including the Improvements and New Applications That are Planned to Go Live
	Approval Date	05 /05/2016
	Prepared by	Equity Market Department and Equity Market Software Development Department
	Distribution	Borsa İstanbul A.Ş. Equity Market Members, Data Vendors and Independent Software Vendors



Dear Member

Reference : a) 18/03/2016 dated and 2016/27 numbered Announcement
: b) 14/04/2016 dated and 2016/40 numbered Announcement

It was announced with reference Announcement (a) that several new functionalities not included in BISTECH Trading System went live on 30/11/2015, will go-live in time with scheduled dates and a test environment supporting these new functionalities has been provided for test activities starting from 15/04/2016.

As mentioned in these announcements, a general test will be performed on 07/05/2016 Saturday with attendance of our member institutions, data vendors and independent software development firms. Test connections will be available through member network and data center, excluding the trading floor. Attendance to the general test is mandatory. Required information, test plan and time table are detailed in the Attachment of this announcement.

Please send your questions regarding the test process to following email address: bistechsupport_autoticket@borsaistanbul.com

For your information.

Best Regards,

Ufuk ÖZDEMİR
Vice President (V.)

Aydın SEYMAN
Vice President

Attachment: Test Plan and Time Table

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Attachment

Changes on BISTECH Trading Platform That Are Going to be Released on Production Regarding Equity Market General Test Program

Please forward the announcement to company executives and IT authorities.

**(Announcement can be downloaded at following link:
<http://borsaistanbul.com/en/nasdaqsupport/news-releases>)**

Important considerations for Test Program:

- 1) Test will be carried out on 07/05/2016.
- 2) It is important to take into consideration the information in the following documents: 18/03/2016 dated and 2016/27 numbered announcement, 14/04/2016 dated and 2016/40 numbered announcement and 01/03/2016 dated and 02.UUE.01 coded Equity Market Implementing Procedures and Principles document.
- 3) Borsa İstanbul Trading floor will not be included in the test plan. Connection through member sites and co-location center is expected.
- 4) General Test is going to be performed in the test environment with IP address 10.57.3.22 which was opened on 15/04/2016. Current Users and Passwords in this test environment will be valid on the test day.
- 5) Only the following version of Trader Workstation (TW) will be supported: **TW_4.0.1014_80_BIST-1.52.10.3972_r103972.msi** which is published at following link: <http://www.borsaistanbul.com/en/bistechsupport/client-applications>. Logon attempts from TW with versions other than the one mentioned above will be rejected by the system.
- 6) Clearing test activities, which are the one of the main part of changes introduced with the new version of the system, will be performed on the test day. In order to be able to perform clearing test activities on 07/05/2016, members should perform variety of trades with sufficient quantity on 05/07/2016 and complete the clearing activities of these trades on 07/05/2016.
- 7) Members must not transfer any of their work from live system to the test system.

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- 8) Some test trades executed by our members during the day will be canceled and canceled contract numbers will be announced at: <http://www.borsaistanbul.com/uyezel/duyurular>. Cancelled trades must be tracked by members.
- 9) Trade Books and other end-of-day reports will be available at following link: <https://connect.int.borsaistanbul.com>
- 10) Sending pre-prepared orders in the Opening Session from Trading Workstation (TW) and the changes of process for increasing the user-friendliness of the terminals expected to be tested. Detailed information concerning the subject can be reached from the following link containing the announcement 2016/27.

<http://www.borsaistanbul.com/docs/default-source/nasdaqgenelmektup/tests-which-will-be-performed-about-the-planned-changes-and-new-market-applications-on-bistech-system-and-go-live-dates-new-release.pdf?sfvrsn=4>

- 11) Order entrance, order modification, cancelation and trading on Iceberg Orders, AOF(VWAP) and Midpoint orders are expected to be tested. Detailed information about the order functions is accessible on the link: <http://www.borsaistanbul.com/docs/default-source/nasdaq-dokuman/application-changes-and-new-applications-to-be-engaged-related-to-operation-of-equity-market.pdf?sfvrsn=6>

Subject	Page Number on Regulation
Iceberg Orders	Annex 2 / 15-16
Midpoint Orders	Annex 2 / 16-19
AOF (VWAP) Orders	Annex 2 / 19-21

- 12) Rules that are valid for Partial Display Conditional Orders (Iceberg Orders) not included in the above link are as follows:

Subject	Rule
Instruments	Equity, ETF, Warrant
Session States	All sessions where a Limit Order can be entered.
Minimum Displayed Volume/ Total Volume Ratio (Orders to be entered under this rate will be canceled.)	20%

Example of Displayed Amount / Total Amount:

Order 1:

Displayed Amount: 50, Total Amount:300.

Ratio = % 16,67. The order does not meet the minimum ratio and will be rejected.

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Order 2:

Amount: 50, Total Amount:250.

Ratio= %20. The order meets the minimum ratio and will be accepted.

- 13) Due to the number of characters in the instrument code can be increased up to 32, members are expected to execute tests on series TESTTEST001.V.
- 14) In conjunction with the implementation of the half kurush price ticks, the new price ticks are as follows: (Defined as such at the test platform.)

Equitys, Pre-emptive Rights, Warrants and Whole Sale Trades			
Price Ranges			Price Ticks (TRY)
0,005	-	0,999	0,005
1,000	-	19,999	0,010
20,000	-	49,999	0,020
50,000	-	99,999	0,050
100,000	-	above	0,100

ETFs			
Price Ranges			Price Ticks (TRY)
0,005	-	0,999	0,005
1,000	-	49,999	0,010
50,000	-	99,999	0,020
100,000	-	249,999	0,050
250,000	-	above	0,100

- 15) VWAP orders will be allowed with the start of continuous auction until the end of the trading day.

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Test Program and Time Table:

TEST PROGRAM		
TIME	INSTRUMENT	ACTION
08:50	ADANA.E	Will be Halted (P_GECICI_DURDURMA)
08:52	AKENR.E	Will be Halted (P_GECICI_DURDURMA)
09:15	AKENR.E	P_ACILIS_EMIR_TPL
09:22	GYHOL	All of the instrument series with underlying GYHOL will be halted. (P_GECICI_DURDURMA_TF)
09:24	DARDL.E	Will be Halted (P_GECICI_DURDURMA_TF)
10:00	ISCTR.E and warrants of ISCTR.E	Will be Halted (P_GECICI_DURDURMA_SI)
10:10	DARDL.E	Will be opened to Trade (P_TEKFIYAT_EMIR_TPL)
10:20-10:40	GYHOLE	P_ACILIS_EMIR_TPL
10:40 – 10:45	GYHOLE	P_ESLESTIRME
10:45	GYHOL	GYHOLE Will be opened to Trade (P_SUREKLI_ISLEM) GYHOL.R Will be opened to Trade (P_SUREKLI_ISLEM)
12:30 – 13:30	AKBNK.E	Circuit Breaker (5 mins of P_DK_TEKFIYAT_EMIR_TPL and 2 mins of P_ESLESTIRME)

TEST TRADING HOURS

EQUITY (Continuous Trading) P_STANDART		
1	P_MARJ_YAYIN	07:00:00
2	P_ARA	07:30:00
3	P_ACILIS_EMIR_TPL	09:15:00
4	P_ESLESTIRME	09:30:00
5	P_SUREKLI_ISLEM	09:35:00
6	P_TEKFIYAT_EMIR_TPL	11:30:00
7	P_ESLESTIRME	11:45:00
8	P_SUREKLI_ISLEM	11:50:00
9	P_MARJ_YAYIN_KAPANIS	13:40:00
10	P_KAPANIS_EMIR_TPL	13:41:00
11	P_ESLESTIRME	13:50:00
12	P_MARJ_YAYIN	13:52:00
13	P_KAPANIS_FIY_ISLEM	13:53:00

EQUITY (Fixed Price) P_TEK_FIY		
1	P_MARJ_YAYIN	07:00:00
2	P_ARA	07:30:00
3	P_ACILIS_EMIR_TPL	09:15:00
4	P_ESLESTIRMETEKFIYAT	09:30:00
5	P_TEKFIYAT_EMIR_TPL	09:35:00
6	P_ESLESTIRMETEKFIYAT	11:25:00
7	P_TEKFIYAT_EMIR_TPL	11:30:00
8	P_ESLESTIRMETEKFIYAT	11:45:00
9	P_TEKFIYAT_EMIR_TPL	11:50:00
10	P_ESLESTIRMETEKFIYAT	13:35:00
11	P_MARJ_YAYIN_KAP_TF ¹	13:40:00
12	P_KAPANIS_EMIR_TPL	13:41:00
13	P_ESLESTIRMETEKFIYAT	13:50:00

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14	P_GUNSONU_ISLEMLERI	13:55:00
15	P_GUNSONU_ISTATISTIK	13:56:00
16	P_MARJ_YAYIN	13:58:00
17	P_GUNSONU	14:00:00

WARRANT/CERTIFICATE/RC/FUND P_IKI_SI		
1	P_MARJ_YAYIN	07:00:00
2	P_ARA	07:30:00
3	P_SUREKLI_ISLEM	09:35:00
4	P_ARA	11:30:00
5	P_SUREKLI_ISLEM	11:50:00
6	P_ARA	13:40:00
7	P_GUNSONU_ISLEMLERI	13:55:00
8	P_GUNSONU_ISTATISTIK	13:56:00
9	P_MARJ_YAYIN	13:58:00
10	P_GUNSONU	14:00:00

14	P_MARJ_YAYIN	13:52:00
15	P_KAPANIS_FIY_ISLEM	13:53:00
16	P_GUNSONU_ISLEMLERI	13:55:00
17	P_GUNSONU_ISTATISTIK	13:56:00
18	P_MARJ_YAYIN	13:58:00
19	P_GUNSONU	14:00:00

PRIMARY MARKET (Auction- .HE instruments) P_BP_TEK_TRF		
1	P_BP_TEK_TARAF_CAGON	10:00:00
2	P_BP_TEK_TARAF_CAG	10:30:00
3	P_BP_TEK_TARAF_CAGSN	12:30:00
4	P_GUNSONU_ISLEMLERI	12:50:00
5	P_GUNSONU_ISTATISTIK	12:55:00
6	P_GUNSONU	13:00:00

PRIMARY MARKET (Continuous Trading) P_BP_SUR_ISL		
1	P_MARJ_YAYIN	07:00:00
2	P_ARA	07:30:00
3	P_BP_SUREKLI_ISLEM	10:30:00
4	P_GUNSONU_ISLEMLERI	13:55:00
5	P_GUNSONU_ISTATISTIK	13:56:00
6	P_GUNSONU	14:00:00