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Document	Type	Announcement
	No	2016/78
	Subject	Derivatives Market's (VIOP) Go-Live Rehearsals on BISTECH System
	Date of App.	29/09/2016
	Prepared by	Project Management Business Group, Financial Derivatives Market Department, Equity Market Department
	Circulated to	Members, Data Vendors and Independent Software Vendors

To Whom It May Concern,

As it is known, due to the first phase of the BISTECH technological transformation program involving the transformation of the Equity Market; the Data Dissemination System, the Surveillance System, the Index Calculation System, the Post-Trade Systems and the Operational Data Bases and the Reporting Infrastructure have successfully been put into service. As for the second phase of the program, the Derivatives Market (VIOP) shall be transferred to the BISTECH system.

In this context, Derivatives Market Participant Briefings were held and the planned changes regarding the market operation principles, the technological differences and the project schedule were thoroughly explained to our members, to the data vendors and to the independent software vendors (ISVs). Moreover, Clearing Workstation (CW) and Trader Workstation (TW) trainings were held for our members.

Furthermore, in order to maintain that our stakeholders make the necessary preparations, BISTECH Phase II free test environments that accommodate testing in both the Equity Market and the Derivatives Market have been opened to the access of our members and the data vendors on 06/15/2016. The new version of the Pre-Trade Risk Management (PTRM) application specially developed for VIOP has also been put into service in this environment on 09/27/2016. The end-of-day reports that are developed for VIOP are due to be put into service on 09/30/2016.

In addition to the free test environment, BISTECH Phase II REHEARSAL environment has been set up, in order to maintain that our members and the data vendors test their preparations in an organized and production-like environment. The go-live rehearsals are planned to be held with the participation of all the stakeholders and in this environment, which accommodates all the BISTECH systems end-to-end. Thus, all the scenarios that may occur in the Derivatives Market and the Equity Market may be tested thoroughly.

The BISTECH Phase II REHEARSAL environment shall be kept open between 10/08/2016 and 02/07/2017. Within this time interval, the go-live rehearsals are planned to be executed on the below mentioned dates. The T+1 settlement and clearing operations regarding the realized transactions shall be made through the CW applications, which are connected to the same REHEARSAL environment. The data vendors participating in the rehearsals shall be able to

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receive the market data concurrently. The operational reports (order and transaction books ect.) shall be provided by the CONNECT-VERDA system of the REHEARSAL environment at the end of each day of rehearsal and they shall be accessible manually or over VERDA API.

During the rehearsals, BISTECH Phase II REHEARSAL environment shall be accessible over the existing Remote Access Networks and Co-Location. Moreover, access over the internet by VPN shall also be available.

In order to carry out the rehearsals with success, it is of utmost importance to take into account the "Changes and New Functionalities in VIOP Operations with BISTECH System" document uploaded to <http://www.borsaistanbul.com/en/bistechsupport/technical-documents> on 09/20/2016, the documents mentioned in the Takasbank General Letter dated 08/18/2016 and numbered 1300 and uploaded to <https://duyuru.takasbank.com.tr/> and the "Technical Information Document Regarding the Go-Live Rehearsals of the Derivatives Market to the BISTECH System" and the "Scenario Document Regarding the Go-Live Rehearsals of the Derivatives Market to the BISTECH System", which are both to be published.

The accessing information needed for participating in the go-live rehearsals, the time planning (all the session hours), the CONNECT-VERDA environment accessing information and the test/rehearsal scenarios shall be featured in these mentioned documents to be published.

The go-live rehearsals shall start in the morning of 10/08/2016 (Saturday), with every system opening as a normal business day. The systems will have the beginning-of-day production data of 10/07/2016 (Friday), but the transaction day shall be on 10/08/2016 (Saturday). After the transaction day T to be lived on 10/08/2016 (Saturday) (T+0), T+1 shall be on 10/10/2016 (Monday), T+2 shall be on (10/15/2016) Saturday; hence the advancement shall be likewise.

Example (1<sup>st</sup> REHEARSAL):

The settlement of the transactions made on 10/08/2016 (Saturday) in the Equity Market shall be on 10/15/2016 (Saturday), the settlement of the transactions made on 10/10/2016 (Monday) shall be on 10/17/2016 (Monday), the settlement of the transactions made on 10/08/2016 (Saturday) in the Derivatives Market (VIOP) shall be on 10/10/2016 (Monday) and the settlement of the transactions made on 10/10/2016 (Monday) shall be on 10/15/2016 (Saturday).

OCTOBER 2016													
	7	8	9	10	11	12	13	14	15	16	17	18	
Data Migration		■		■					■		■		
		T+0		T+1					T+2		T+2		
				T+0					T+1		T+1		
									T+0		T+1		T+0

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The data in the production environment shall be migrated to the BISTECH Phase II REHEARSAL environment with a cycle of once in every two weeks. As you may observe from the below table, the go-live rehearsals shall be organized for two-week periods and for each period the planned tests shall take minimum 3 and maximum 10 days.

### BISTECH Go-Live Rehearsals Test Program

<b>Rehearsal Test Plan</b>			
1 <sup>st</sup> REHEARSAL (Saturday) 10/08/2016 - 10/17/2016	2 <sup>nd</sup> REHEARSAL (Saturday) 10/22/2016 - 10/31/2016	3 <sup>rd</sup> REHEARSAL (Saturday) 11/05/2016 - 11/17/2016	4 <sup>th</sup> REHEARSAL (Saturday) 11/19/2016 - 12/01/2016
<p>The system will have the beginning-of-day production data of October 7</p> <p>8 October (T+0) 10 October (T+1,T+0) 15 October (T+2,T+1,T+0) 17 October (T+2,T+1,T+0)</p>	<p>The system will have the beginning-of-day production data of October 21</p> <p>22 October (T+0) 24 October (T+1,T+0) 29 October - Public Holiday (There will not be any test) 31 October (T+2,T+1,T+0)</p>	<p>The system will have the beginning-of-day production data of November 4</p> <p>5 November (T+0) 7 November (T+1,T+0) 12 November (T+2,T+1,T+0) 14 November (T+2,T+1,T+0) 15 November (T+2,T+1,T+0) 16 November (T+2,T+1,T+0) 17 November (T+2,T+1,T+0)</p>	<p>The system will have the beginning-of-day production data of November 18</p> <p>19 November (T+0) 21 November (T+1,T+0) 22 November (T+2,T+1,T+0) 23 November (T+2,T+1,T+0) 24 November (T+2,T+1,T+0) 26 November (T+2,T+1,T+0) 28 November (T+2,T+1,T+0) 29 November (T+2,T+1,T+0) 30 November (T+2,T+1,T+0) 1 December (T+2,T+1,T+0)</p>
5 <sup>th</sup> REHEARSAL (Sunday) 12/04/2016 - 12/15/2016	12/17/2016 - 01/13/2017	6 <sup>th</sup> REHEARSAL (Sunday) 15/01/2017 - 26/01/2017	7 <sup>th</sup> REHEARSAL (Saturday) 28/01/2017 - 07/02/2017
<p>The system will have the beginning-of-day production data of December 3</p> <p>4 December (T+0) 5 December (T+1,T+0) 6 December (T+2,T+1,T+0) 7 December (T+2,T+1,T+0) 8 December (T+2,T+1,T+0) 10 December (T+2,T+1,T+0) 12 December (T+2,T+1,T+0) 13 December (T+2,T+1,T+0) 14 December (T+2,T+1,T+0) 15 December (T+2,T+1,T+0)</p>	<p style="text-align: center;">There will not be any tests</p>	<p>The system will have the beginning-of-day production data of January 14</p> <p>15 January (T+0) 16 January (T+1,T+0) 17 January (T+2,T+1,T+0) 18 January (T+2,T+1,T+0) 19 January (T+2,T+1,T+0) 21 January (T+2,T+1,T+0) 23 January (T+2,T+1,T+0) 24 January (T+2,T+1,T+0) 25 January (T+2,T+1,T+0) 26 January (T+2,T+1,T+0)</p>	<p>The system will have the beginning-of-day production data of January 27</p> <p>28 January (T+0) 30 January (T+1,T+0) 31 January (T+2,T+1,T+0) 1 February (T+2,T+1,T+0) 2 February (T+2,T+1,T+0) 4 February (T+2,T+1,T+0) 6 February (T+2,T+1,T+0) 7 February (T+2,T+1,T+0)</p>

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In the first rehearsal, the participation of all the members and the data vendors, due to their readiness status, is of utmost importance. Starting from the second rehearsal (10/22/2016), the participation in all the rehearsals is mandatory.

You may send all your questions or requests for support to [bistechsupport\\_autoticket@borsaistanbul.com](mailto:bistechsupport_autoticket@borsaistanbul.com) e-mail address.

Kindly submitted for your information.

Yours Sincerely,

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