



Circular

28 April 2016

Circular No. DT/CCM 3 of 2016

SGX INDUSTRY-WIDE BUSINESS CONTINUITY PLANNING (BCP) EXERCISE ON SATURDAY, 25 JUNE 2016

SGX will be holding its annual SGX industry BCP exercise with market participants to be held on Saturday, 25 June 2016. This exercise is important as it allows SGX to validate that its critical business functions, IT systems and linkages to customers are able to withstand a disaster. All Singapore-based Securities and Derivatives Trading, and Clearing Members are required to participate in this exercise and to test their contingency plans.

To ensure that operations are not impacted on the next trading day, verification is needed to confirm normalcy of SGX's services with its market participants on Sunday, 26 June 2016.

Market participants can take the opportunity to identify and address potential connectivity issues before the BCP exercise via a connectivity test scheduled on Saturday, 11 June 2016. Again, verification is needed to validate normalcy of SGX's services with its market participants on Sunday, 12 June 2016.

Please find the key timings for the activities outlined above:

(1) Pre-BCP Exercise Connectivity Test

Market participants are strongly encouraged to take part in this connectivity test. Participation will help to address and resolve any connectivity issues prior to the industry BCP exercise.

On Saturday, 11 June 2016

- 2:00pm members connect to SGX's primary systems at SGX's primary datacentre
- 2:00pm to 2:45pm SGX to simulate "loss" of primary datacentre
- By 5:00pm IT personnel on standby to connect to SGX's secondary datacentre
- 5:30pm - 7:00pm connectivity testing to SGX's secondary systems at SGX's secondary datacentre

On Sunday, 12 June 2016

- 12:00pm to 2:00pm Post-activity connectivity verification

(2) BCP Exercise

Market participants will connect their production sites to SGX's backup systems at SGX's secondary data centre to perform functionality tests.

On Saturday, 25 June 2016

- At 1:45pm, members to connect to SGX's primary systems at SGX's primary datacentre
- Between 2:15pm and 3pm, members submit orders and execute trades to simulate a trading day while connected to SGX's primary systems at SGX's primary data centre
- Between 2:30pm and 3:00pm, with members connected, SGX will simulate a failure at its primary datacentre and proceed with its recovery activities

- From 3:00pm, members get ready to connect to SGX's secondary systems at SGX's secondary datacentre. SGX will inform members of the expected connectivity and market resumption time. IT Connectivity verification will follow and members to complete exercise based on test cases
- At 7:30pm End of BCP exercise

For other members who are not required to participate in this exercise, please do not connect to SGX during the test period. In the event that you do, please ensure all test data is removed before Monday Business Date.

(3) Post-Exercise Verification

After the exercise is completed, SGX will restore all services back to its primary data centre and carry out system normalization on Saturday night.

On Sunday, 26 June 2016

- 12:00pm to 2:00pm Post-exercise connectivity verification

Members and market participants regardless of whether they have participated in the BCP must verify connectivity to SGX's primary data centre on Sunday afternoon.

Please ensure all necessary precautions, such as steps backing up relevant configuration(s) and data, and carrying out post exercise clean-up, are carried out. These are critical in ensuring that business-as-usual operations on Monday are not impacted in any way.

We will provide participants with more information on the connectivity test and industry BCP exercise (e.g. test cases will be sent by 20 May 2016) in due course. There will also be an industry briefing on Friday, 27 May 2016, 3:30-5:00pm at the SGX Centre Auditorium. In the meantime, market participants are required to register online at <http://www.sgxbcp.sg> for the connectivity test and exercise. Registration will be available from 29 Apr 2016 till 20 May 2016.

If you have any queries on this circular, please direct them to sgxbcpexercise@sgx.com or contact your business manager.

We appreciate your cooperation and look forward to your active support.

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