

SERVICE HOTLINE

REFERENCE NUMBER: 138/15

18 September 2015

MANDATORY JSE CLIENT FACING REMOTE DISASTER RECOVERY (DR) SITE TEST – 03 and 04 October 2015

Further to Service Hotline **130/2015** issued on 03 September 2015, users are reminded of the **mandatory JSE Client Facing Remote Disaster Recovery (DR) Site test on 03 and 04 October 2015**.

The tables below stipulate the participation required and the scope of the test. In addition, End of Day Dissemination subscribers (BDA and InfoMax subscribers) are advised to please download their Production end of day files prior to 08h00 on Saturday, 03 October 2015; alternatively files can be downloaded from after 14h00 on Sunday 04 October 2015.

Test Participation and High Level Test Schedule

	Market Participants	
Mandatory	<ul style="list-style-type: none"> Equity Market Equity Derivatives Market Commodity Derivatives Market Interest Rate and Currency Market Information Subscribers Clearing Members 	<p>Technical connectivity and functional tests to be conducted from</p> <p>Clients Production Site</p> <p>to</p> <p>JSE Remote DR Site</p>

Please ensure that you **verify your setup with your Network Service Provider (NSP) or Shared Infrastructure Provider (SIP) prior** to the DR test and arrange for the necessary support.

Contact Details

Please email the details of your key contact (name, surname, email address and cell phone number) to CustomerSupport@jse.co.za by no later than 12h00 on Friday, 25 September 2015. This will ensure that you receive the necessary communication throughout the test. Checklists will be issued to the client contacts by Wednesday, 30 September 2015. Clients are required to complete, sign and submit the checklists back to JSE after the DR test.

Market / Service:

- Equity Market
- Bond Derivatives Market
- Equity Derivatives Market
- Interest Rate Derivatives Market
- Currency Derivatives Market
- Commodity Derivatives Market

Environment(s):

Production

Additional Information:

If you have any queries about this announcement, please contact +27 11 520 7777 or customersupport@jse.co.za

Issued By:

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Trading and Market Services

High Level Test Schedule - 03 October 2015

#	Test timeline	Client testing requirement
1.	Saturday 03 October 2015 11h00 – 12h30	<ul style="list-style-type: none"> JSE Network fail over to the JSE Remote DR Site i.e. shutdown of JSE Production Network. <u>Where required</u>, clients to manually fail over their own Production Network links to the JSE Remote DR site.
2.	Saturday 03 October 2015 12h30 – 14h00	System Online <ul style="list-style-type: none"> Clients to conduct connectivity tests to the JSE Remote DR site and; Login to the Equity, Equity Derivatives, Commodity Derivatives, Interest Rate and Currency Derivatives and Bond Derivatives Markets.
3.	Saturday 03 October 2015 14h00 - 17h00	<p>Clients to notify Customer Support once they are on-site and again, when all testing has been completed. Clients are requested to record their test results on the checklists provided and to return these via email to the JSE once testing has been completed.</p> <p>Equity Market Trading and Information Service:</p> <ul style="list-style-type: none"> <u>Production source IP addresses</u> for the A Feed only will be used to connect to the JSE Remote DR site. The B Feed is not available via the JSE Remote DR site. Clients to connect and login to the Equity Market Trading Gateways and Market Data Recovery Gateways. Instruments will move into the default trading session (Continuous Trading) that is applicable on a Normal Trading Day at the time of the test. The order book will be empty at the start of the test, as per DR procedure. Notification of order cancellations generated as a result of the DR failover is NOT published to the market. Clients will need to perform an Own Order Book Download (OOBD) to get the latest status of their orders. Confirm the flow of multicast data for all Market Data services that clients subscribe to. Recover multicast messages published in the morning. <p>Derivative Markets Trading and Deal Management:</p> <ul style="list-style-type: none"> Equity Derivatives, Commodity Derivatives, Interest Rate and Currency Derivatives markets will be available for testing. The trading system will be in a Market Online/ Download Only state at the start of the test. The ALSI and ALMI contracts will be placed in a 5 minute Auction Call session from 14h00- 14h05. All other contracts will transition directly into the Continuous Trading session. Information subscribers may also connect and subscribe to data. Clients are advised to perform deal management functions during the test.

Mandatory Test Requirements for Trading Members and Information Subscribers:

	Trading Member				Information Subscriber
Mandatory DR Test Activity	EQM	EDM	IRC	CDM	EQM
Submit minimum ONE order per member	X	X	X	X	
Submit minimum ONE reported trade per member	X	X	X		
Perform Deal Management functions; eg. Allocations, Assignsetc	X	X	X	X	
OOBD and OTBD	X				
Rerequest login of MDGs	X				X
Confirm closing price of the instrument that was suspended.	X				X
Confirm ONE SENS Announcement: Confirm the instrument and the time that the announcement was disseminated.	X				X
Confirm download of Friday nights EOD files.					X

The mandatory requirements will form part of the DR checklists.

Expectation for Clearing Members:

- Clearing members connect to the JSE DR site and prove connectivity.
- Download the balancing from the previous EOD.

Clients to login to the following applications:

- **Information Delivery Portal (IDP)**
Clients to connect and login to the IDP Service and download their files as at Friday, 02 October 2015.
- **Internet**
Clients to connect to the JSE Market Communication page <https://www.jse.co.za/services/technologies/market-communications> to check the overall test progress as well as connectivity to the JSE website.

Please note that BDA will not be tested and will be unavailable for the duration of the test.

4.	Saturday 03 October 2015 17h30 through to Sunday 04 October 2015 10h00	<ul style="list-style-type: none"> • JSE to fail the JSE Network and services back to the JSE Production site. • No participation required from clients during this period. • Where required, clients to manually fail over their own Production Network links back to the JSE Production site and cleanup all test data published during the test.
5.	Sunday 04 October 2015	Clients to notify Customer Support once they are on site and once all testing is completed.

10h00 - 12h00

- Clients to prove connectivity back to the JSE Production services for Equity Trading and Information, Nutron (markets will be in download state) and IDP and JSE website.
- Clearing Members are required to:
 - Clearing members connect to the JSE Production and prove connectivity.
 - Download the balancing from the previous EOD.
- Connectivity to JSE Colocation services.
- Login to IDP to download a file that clients subscribe to.
- Connect to the JSE Market Communication page
<https://www.jse.co.za/services/technologies/market-communications> .
- Clean up all test data published in production during the test to ensure business readiness for Monday, if not already conducted on Saturday.

NOTE: Should clients encounter any issues please contact **Customer Support on +27 11 520 7777**