

REFERENCE NUMBER: 184/2014

3 October 2014

JSE REMOTE DISASTER RECOVERY (DR) SITE CONNECTIVITY TEST – 11 and 12 OCTOBER 2014

Further to Service Hotline **174/2014** issued on 17 September 2014, pertaining to the **JSE Remote Disaster Recovery (DR) Site test on 11 and 12 October 2014**, following is an update on the participation required and the scope of the scheduled test.

In addition, End of Day Dissemination subscribers (BDA or InfoMax subscribers) are advised to please download their end of day files prior to 08h00 on Saturday, 11 October 2014; alternatively files can be downloaded from after 14h00 on Sunday, 12 October 2014.

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 Shared Infrastructure Providers 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>

The JSE will facilitate connectivity testing from all other client environments i.e. secondary or disaster sites, to the JSE Remote DR site in a subsequent test(s).

Please ensure that you **verify your setup with your network service provider prior** to the DR test and arrange for the necessary support.

Contact Details

Please email your key contact details (name, surname, email address and cell phone number) to CustomerSupport@jse.co.za by no later than 12h00 on **Wednesday 8 October 2014** to ensure that you receive the necessary SMS communications throughout the test.

Market / Service:

Equity Market

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

JSE Broker Deal Accounting (BDA)

Information Delivery Portal (IDP)

Environment(s):

Production

Additional Information:

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

High Level Test Schedule - 11 and 12 October 2014

#	Test timeline	Client testing requirement
1.	Saturday 11 October 2014 11h00 – 12h00	<ul style="list-style-type: none"> JSE Network fail over to the JSE Remote DR Site i.e. shut 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 11 October 2014 12h00 – 14h00	<p>System Online</p> <ul style="list-style-type: none"> Clients to conduct connectivity tests preferably from their production site to the JSE Remote DR site and; login to the Equity, Equity Derivatives, Commodity Derivatives, Interest Rate and Currency Derivatives Markets
3.	Saturday 11 October 2014 14h00 - 16h00	<p>Clients to notify Customer Support once they are on site and once all testing is completed. Clients are requested to please record their test results on the checklist provided and to return these via email to the JSE once testing is completed.</p> <p>Equity 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 for connecting to the JSE Remote DR site. No B FEED available via the JSE Remote DR Clients to connect and login to the Equity Market Trading Gateways and Market Data Recovery Gateways <u>Order Book will be empty</u> as per DR procedure. <u>Notification of order cancellations</u> generated as a result the DR failover, is NOT published to the market. Clients will need to perform an OOBd to ensure you have the latest status of the order book Confirm the flow of multicast data for all Market Data services you subscribe to Recover multicast messages published in the morning Clients to submit <u>one Order</u> and <u>one Off Book Trade</u> Clients to perform an <u>Own Trades Book download</u> (OTBD) and force a Re-Request if possible
4.	Saturday 11 October 2014 14h00 - 16h00	<p>Equity, Equity Derivatives, Commodity Derivatives, Interest Rate and Currency Derivatives Trading and Deal Management via Nutron and/or APIs - Clients to submit ONE order and /or ONE trade report</p> <ul style="list-style-type: none"> All markets will be available as follows for clients to submit orders and/or trade reports: Information Subscribers may also connect and subscribe to data

5.	<p>Saturday 11 October 2014 14h00 - 16h00</p>	<p>Clients to login to the following applications:</p> <ul style="list-style-type: none"> • BDA <ul style="list-style-type: none"> ○ Connectivity test. No test data will be processed into BDA. Normal weekend activities can be performed by Clients. • SENS <ul style="list-style-type: none"> ○ View test SENS announcement published via the News Gateway • Information Delivery Portal (IDP) <ul style="list-style-type: none"> ○ Clients to connect and login to the IDP Service and download their files as at Friday, 10 October 2014 • Internet <ul style="list-style-type: none"> ○ Clients to connect to the JSE Market communication page https://www.jse.co.za/services/technologies/market-communications to confirm test progress as well as connectivity to the JSE website
6.	<p>Saturday 11 October 2014 16h30 through to Sunday 12 October 2014 10h00</p>	<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 • <u>Where required</u>, 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
7.	<p>Sunday 12 October 2014 10h00 - 11h00</p>	<p>Clients to notify Customer Support once they are on site and once all testing is completed. Clients are requested to please send an email confirming the systems tested.</p> <ul style="list-style-type: none"> • Clients to prove connectivity back to the JSE Production services for Equity Trading and Information, Nutron (markets will be in download state), IDP and Internet • Telnet to the Equity Market Trading and Market Data Gateways (A and B feeds) or connect and Login to any one of these Gateways • Login to IDP and download a file which you 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