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SERVICE HOTLINE

REFERENCE NUMBER: 014/2023

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STT TECHNICAL UPGRADE UPDATE AND TEST PLAN

Further to [Service Hotline 155/2022](#) published on 3 November 2022, market participants are reminded of the trading, market data and clearing system upgrade for the Commodity Derivatives, Interest Rate Derivatives and Cash Bonds Markets in 2023.

Internal testing has progressed significantly and market regression testing on all functionality in the Customer Test Environment (CTS) will commence from March 2023.

Key market facing milestone dates are as follows:

- Market Participants to confirm connectivity to this environment: 27 February 2023 to 3 March 2023.
- Market Participants to perform regression testing: 6 March 2023 to end April 2023 (date to be confirmed)
- Regression testing will follow a cyclical approach with intervals in between to allow for data refreshes of the CTS environment.
- Details of the dates of these cycles and specific market events will be distributed at the start of regression testing.

Market participants will be mandated to test in one of the scheduled dress rehearsals to ensure a successful implementation. Two market facing dress rehearsals will be conducted with the exact dates to be confirmed:

- Market Dress rehearsal 1 : June 2023
- Market Dress rehearsal 2 : July 2023

Although the upgrade entails a significant technology upgrade of the trading engine, proxies, and clearing system, the new technology is fully backward compatible with the current version of the Nutron front end and API.

Market Participants are strongly encouraged to participate in the regression tests to ensure all trading and post trade functionality and the receipt of the market data in these markets works as expected. This includes testing all trading and post trade related processes and procedures performed daily.

Markets / Services:

Interest Rate Derivatives Market
Commodity Derivatives Market
Bond Market
Real Time Clearing (RTC)
Colocation
International Access Point
EOD Information Subscribers
Live Information Subscribers

Environment:

Customer Test Service

Additional Information:

If you have any queries about this announcement, please contact the Client Service Centre (CSC) on +27 11 520 7777 or e-mail CustomerSupport@jse.co.za

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Regression testing for Cash Bonds includes current Market functionality (e.g. Repo Trades, Report Only, Same Day's, etc). BDA users need to test the successful processing of their end-of-day Bond files.

Upon successful participation in one of the market dress rehearsals, all market participants will be requested to provide sign off via email indicating that they are ready for go-live.

Trading Members Connectivity details:

Trading Members (and their Trading Software Providers) can download the Customer Test Environment (CTS) Nutron Version from: [Nutron API Files | JSE Client Portal](#)

The Customer Test Environment (CTS) Nutron connectivity details are as follows:

IP Address: 196.216.153.101
Ports: CDM: 2210
IRD: 2269

Clearing Member Parallel Run and Connectivity details:

The Clearing Member parallel run will commence in the beginning of March 2023 in the Clearing Member Parallel run test environment. The daily parallel run will include daily balancing as well as full regression testing.

The JSE will provide details on the clearing member parallel run daily process in due course directly with the impacted participants.

Key market facing milestone dates for Clearing Members are as follows:

- Clearing members to confirm connectivity: 6 March 2023 to 10 March 2023
- Clearing member parallel run: 13 March 2023 to 28 April 2023

The Clearing Member Parallel environment connectivity details are as follows:

IP Address: 196.216.153.41
Ports: CDM: 2210
IRD: 2269

Please refer all queries via email to CustomerSupport@jse.co.za