

CDM REGRESSION TESTING INFORMATION SHEET – TRADING AND CLEARING Q3 2024 RELEASE

This testing guide is intended to remind market participants of the key technical details and requirements for regression testing. The intention of the regression test cycles is for:

- Market participants to ensure all trading, post trade functionality and market data publication works as expected.
- Clients to ensure sufficient testing is conducted in line with BAU activities.

Trading Members, Clearing Member, Software Providers, and Information Subscribers

Customer Test Environment (CTS) Times

- The Customer Test Environment (CTS) is available from 09h00 until 23h00 for clients to perform regression testing (all trading and deal management activity).
- **End of day** will be run in the mornings of the following day and Daily Account Summaries will be placed on IPD
- **Between 29 July 2024 and 02 August there will be an early close and same day end of day run:**
 - **the markets will be open between 09h00 and 16h00**
 - **Spot Basis will close at 15h45**

Connectivity Details

- Trading Members and all Software Providers can download the Customer Test Environment (CTS) Nutron Version at: [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

Sign-off details:

Trading Members

- Upon completion of testing sign off via email must be provided to commodities@jse.co.za

Clearing members

- Upon completion of testing sign off via email must be provided to ClearOps@jse.co.za

CTS Code Drop and Data Refresh Dates

- Clients are advised that during a test cycle, the Customer Test Environment (CTS) will be upgraded to the new code base and the Production code base will not be available during the test cycles.
- There will be a restore of production data into the CTS environment on 15 July 2024 with EOD data as of 12 July 2024

FUNCTIONAL TESTING CHECKLIST

TRADING

Feature Name	Business Scenario Name	Business Guidance
Login as to be able to trade	Users will successfully log-in to the trading front-end	Login as to be able to trade
Insert Orders (Futures, options)	Be able to insert different types of orders on frontend	Users will be able to populate the bid/offer screen and successfully submit an order
Delete & Suspend orders	Be able to delete/suspend an order that has been placed	Users will successfully delete or suspend an existing order
Resubmit a Suspended Orders	Resubmit an order that was suspended/reduced or edited	User will successfully resubmit an order that was suspended
Edit Active Orders	Be able to edit an active order	User will successfully edit an active order
Enter report only trades	Be able to book a report only trade	Users will populate the report only window and successfully capture and accept the trade
Accept report only trade	Be able to accept a report only trade	User will successfully accept a reported trade
Option Exercise/Abandon	Be able to exercise/abandon an option	Exercise or abandon an option before or on expiry
Assign trades	Assign trades to other members	User will successfully assign a trade to another member
Allocation	Be able to allocate trade to client level	User Successfully allocate a trade to a client from member level
Accept assigned trade	Be able to accept an assigned trade	User will successfully accept an assigned trade
Div Trades	Div trades between clients	User will successfully div a trade to an internal client
Accumulate Trades	Accumulate trades that meet criteria for accumulation	User will successfully accumulate trades meeting requirements
Sub Account Mod	If client has sub account loaded, must be able to sub account mod trades	User will successfully move positions between sub accounts

Reporting	Download physical deliveries/ Download other post trade data	User will successfully download data from frontend
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MARKET DATA

Feature Name	Business Scenario Name	Business Guidance
Login to be able to access data	Users will successfully log-in to the Market Data Gateways	Login as to be able to access data
Confirm flow of live data	Be able to confirm flow of live data	Users will be able to confirm the flow live data
Re-Request Data	Be able to re-request data	Users will successfully be able to re- request data

All CLEARING MEMBERS

Feature Name	Business Scenario Name	Business Guidance
EOD	Able to download EOD files	User Successfully downloaded EOD data and able to generate member reports
Enter report only trades	Be able to book a report only trade EFP,EFR,NET OFF,DOT,SOT,ALE	Users will populate the report only window and successfully capture and accept the trade
Accept report only trade	Be able to accept a report only trade	User will successfully accept a reported trade
Assign trades	Assign trades to other members	User will successfully assign a trade to another member
Accept assigned trade	Be able to accept a assigned trade	User will successfully accept an assigned trade
Allocation	Be able to allocate trade to client level	User Successfully allocate a trade to a client from member level
Accumulate Trades	Accumulate trades that meet reqs for accumulation	User will successfully accumulate trades meeting requirements
Sub Account Mod	If client has sub account loaded, must be able to sub account mod trades/positions	User will successfully move deal/positions between sub accounts
Login to be able to access data	Users will successfully log-in to the Market Data Gateways	Login as to be able to access data

MARKET TESTING SIGN OFF CHECKLIST

To be returned to the JSE on completion of testing

Member Firm/Client Name: _____ Date: _____

Market Testing Sign Off Checklist completed by:

Name: _____

Position: _____

Company code /Member ID: _____

Signature _____

I hereby declare that all information contained here-in is an accurate reflection of the test conditions executed on behalf of my organisation.

Signed by Business Representative (e.g., Head of Trading):

Name: _____

Signature _____

Signed by IT representative:

Name: _____

Signature _____

General Comments: _____
