

Bond CCP & Nutron Repo Reporting Reform Project API Release

High-Level Guidance Note

Overview of API Enhancements

The Nutron API specification introduces updates to support the Bond CCP framework and the Nutron Repo Reporting Reform Project.

1. Key Trading & Deal-Related Updates

New fields added across trading and deal messages:

- Cleared Flag
- Execution Venue (JSE/ETP)
- External Exchange Trade ID
- External Deal ID
- Accrued Interest
- Clean Price
- Counterparty (blank where anonymity applies)

Order Message Enhancements

Additional fields (Execution venue, external IDs, cleared flag, settlement indicators) introduced across:

- Completed Orders
- Unsettled Orders
- Unconfirmed Orders

Error Messages

- New trade alerts for novation rejections (e.g. instrument not eligible for clearing).

2. Reference Data Additions

Instrument-Level

- Eligible for CCP Clearing flag
- ID Netting Group for VaR grouping

Membership Data

- Bonds Cleared indicator added to:
 - Member Data
 - Clearing Member Data

Non-Executive Directors: Dr HA Nelson[†] (Chairman), LE Currie, Dr RM Lee[†], M Randall, FJ Oosthuizen[†], GE Raine[†], VJ Reddy, TW Spanner[†], K van Rensburg

Executive Directors: Dr A. Greenwood (CEO)

Company Secretary: GA Brookes

[†] *Independent*

3. Account Summary & Fee Updates

Daily Account Summary Enhancements

- New fields added:
 - CVM
 - Clearing Fee
 - Regulatory Fee

Fee Setups Message

- New message exposing instrument-level fee configuration for downstream alignment.

4. Margin Replication Messages (Primarily for Clearing Members)

New messages provide transparency and reconciliation to CCP margin calculations:

- MarginBreakdown
- External sEAD
- Netting Groups
- Margin Parameters
- PnL Arrays for VaR, Concentration, LEAO, Bond Option
- Hedge Cost Matrix for balancing concentration margin

5. Repo Reporting Reform – API Patch 1 (Classic & Triparty Repo)

Updates to Accept and Edit Repo messages:

- User Reference
- BDA Account Number
- Sub-Account fields

New statuses:

- Strate Rejected
- Commit Error
- Cancelled

Origin Values

- New values to distinguish Classic Repo Leg 1 and Leg 2.

6. Strate Error Codes

In the event that a trade is rejected by Strate for settlement, the applicable error codes shall be recorded and disseminated in the Trade Leg Number field.

Error Code	Description
4016	SELLER ACCOUNT NO. NOT IN VALID STATUS
4020	BUYER ACCOUNT NO. NOT IN VALID STATUS
4022	INVALID SECURITY ID
4023	SECURITY ID NOT ACTIVE
4029	TRADE DATE IS NOT A VALID BUSINESS DATE
4032	SETTLEMENT DATE NOT A VALID BUSINESS DATE
4033	TRADE DATE SHOULD BE CURRENT BUSINESS DATE OR PAST DATE
4041	CALENDER DETAILS DOES NOT EXIST FOR THE SETTLEMENT DATE
4162	BUYER_CLIENT_NOT_ASSOCIATED_WITH_THE_DEPOSITORY_PARTICIPANT

Error Code	Description
4163	SELLER_CLIENT_NOT_ASSOCIATED_WITH_THE_DEPOSITORY_PARTICIPANT
4164	ACCOUNT DETAILS NOT FOUND
4442	BUYERTRADER/BROKER DOES NOT EXIST
4444	BUYER TRADER/BROKER IS NOT ACTIVE
4488	TRADEREFERENCE ALREADY EXISTS
4998	COMMITTED OR PARTIALLY COMMITTED TRADE LEGS CANNOT BE CANCELLED
4999	LOCKED IN REFERENCE ALREADY EXISTS
5001	INVALID RECU VALUE
5002	INVALID DECU VALUE
5003	INVALID SELL TAG VALUE
5004	INVALID BUY TAG VALUE
5005	INVALID REAG VALUE
5007	INVALID SELLER ACNO
5008	INVALID BUYER ACNO
5009	INVALID SELLER CLIENT ACNO
5010	INVALID BUYER CLIENT ACNO
5011	INCORRECT SETTLEMENTAMOUNT
5012	INCORRECT TRADEQUANTITY
5013	INCORRECT SETTLEMENTDATE
5014	SETTLEMENT TYPE MISMATCH
5016	AFFIRMATION STATUS MISMATCH
5022	SECURITYID MISMATCH
5040	INCORRECT TRADEDATE
5050	SELLER_ACCOUNT_NO_NOT_IN_VALID_AC_TYPE
5051	BUYER_ACCOUNT_NO_NOT_IN_VALID_AC_TYPE
5055	SETTLEMENTDATE SHOULD BE BUSINESS DATE OR FUTURE DATE
D303	ISIN STATUS INVALID
O063	SECURITY MATURED

7. Client Next Steps

- Review the API specification and identify development impacts.
- Map new fields into internal systems and reporting.
- Prepare for CTS connectivity from 2 March 2026.
- Software Providers: schedule and complete conformance testing (1 Apr – 30 Jun).
- Participate in technical forums and Q&A sessions.
- Direct queries or issues to CSC as early as possible.

8. Support

All resources, including the full API specification, are available on the Bond CCP client portal (technical library).

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