

Overview of Testing Required for V5.1

1. Manual selection of units for Surrender

- Automatic unit selection
- Manual selection
- Combined automatic and manual selection of units
- Change amounts in manual selection before surrendering
- Start manual selection, clear and opt for automatic
- One unit type in transaction
- Multiple unit types in transactions
- Surrendering exact number of units in account, fewer units than in account, more units than in account
- Surrendering zero units
- Surrendering CERs at limit, below limit, above limit
- Surrendering ERUs at limit, below limit, above limit
- Surrendering combined CERs & ERUs at limit, below limit, above unit
- Surrendering backlisted CERs
- Duplicate transactions
- Surrender limit of 0 for CER and ERUs
- Surrender of ERU/CER not permitted
- User manual changes

2. Compliance Process

- National Administrator access to Propose Surrender, Enter Emissions, Approve Emissions, Update Emissions & View Emissions History functions
- Authorised Representative access to Propose Surrender, Enter Emissions & View Emissions History functions
- Verifier access to Enter Emissions, Approve Emissions & View Emissions History functions
- Attempts to access accounts to which Authorised Representative or Verifier have no access
- Attempts to Propose Surrender, Update Emissions or Enter Emissions for closed/rejected accounts
- View Emissions History for Open and Closed accounts
- User manual changes

3. Reconciliation

- Standard successful reconciliation
- Standard successful reconciliation when system contains numerous unit types in national holding accounts, operator holding accounts and person holding accounts
- Standard successful reconciliation whilst transactions taking place (request reconciliation via ITL helpdesk)
- Standard failed reconciliation if units have been moved through Manual Intervention (move units to different account type or set as deleted)

- Viewing of successful and failed reconciliation messages from the user interface
- Viewing of old reconciliation messages migrated from V4.3 and earlier
- User manual changes

4. Menu and Security Matrix

- Removal of redundant menu options
 - Reports link from public web site
- Removal of redundant security matrix options
 - Old report menu items
- Addition of new menu options – none
- Addition of new security matrix options - none
- User manual and admin user guide changes
 - Revoke Permit (new)
 - Propose Emissions (new)
 - Propose EUA Allocation (new)
 - Propose Transfer (amended)
 - Reconciliation (new)
 - Propose Surrender (amended)
 - Update Emissions (new)- includes workaround for previous years

5. Reports

- EU Account Details Report
- Prevent Allocation Report
- NAP Report
- Internal (Administrator only) Compliance Report
- Security changes for report administration
 - Phishing by url redirection (test method as per Greta security fix but performed on the reporting services logon page)
 - Removal of report manager
 - Log on as operator and ensure cannot access information concerning other user accounts
- Admin user guide changes

6. Security Fixes

- Cross site scripting/phishing by url redirection
 - Replace '*ReturnUrl=%2fDefault.aspx*' in logon url with *ReturnUrl=http://bbc.co.uk* and ensure that after successful logon you are directed to the Greta page setup in the config file and NOT the bbc web site.
- Auto complete
 - Log on, log off and then start typing username and ensure not auto-completed
- Secure Session Cookies
 - requires examination of http header using Fiddler
- Http Only Cookie
 - requires examination of http header using Fiddler

- Security Guide

7. NAP changes

- NAP amendment for previous years (mantis 446)
- NAP deletion including previous years allocated/unallocated allowances (mantis 446)
- New installation with NAP values for all years (mantis 446)
- Other fixes/enhancements
 - Not possible to distinguish between NER = Y or N NAP changes (mantis 445)
 - Add indication of whether NER was selected in work queue item for NAP transactions (mantis 546)
 - Use NER = Yes (mantis 467)

8. Installation Contact/Transfer

- Change installation contact
- Installation transfer with history
- Installation transfer without history
- Installation transfer of installation created under V4.3 or earlier

9. Bug fixes not covered by preceding sections

- To be completed later – marked as resolved in V5.1 in Mantis.

10. Regression

- System Initialisation
- NAP changes
- Issuance and Allocation
- Account Management
- Transaction
- Compliance
- Reports
- Installation Transfer
- Retirement
- Notifications
- Reconciliation

11. Production Data Tests (using the ITL simulator)

1. Reconciliation

- Simulation of invalid messages and responses using the simulator
 - Initiate reconciliation
 - Initiate reconciliation that already exists (closed/active)
 - Initiate reconciliation with invalid reconciliation identifier (invalid country code or format)
 - Initiate reconciliation with snapshot time in the past
 - Initiate reconciliation with snapshot time too far in the future

- Initiate reconciliation with snapshot time not far enough in the future
- Provide Totals
 - ProvideTotals for invalid unit type/account type/account commitment period
 - ProvideTotals using invalid reconciliation identifier
- Provide Unit Blocks
 - Provide Unit Blocks for invalid reconciliation identifier
 - Provide Unit Blocks for invalid unit type
 - Provide unit blocks for a closed account
 - Provide unit blocks for an invalid account
- Provide Audit Trail
 - Provide Audit Trail for invalid unit block
 - Provide Audit Trail for unit block that doesn't exist in system
 - Provide Audit Trail with start date in the future

2. High Level Regression

- Compliance
- Account Management
- Transactions (inc load test)
- NAP