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| <p><b>SUBJECT:</b></p> <p><b>TARIC3 REP</b></p> <p><b>SYSTEM TEST PLAN</b></p> |                        |                  |

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## 1. INTRODUCTION

### 1.1. Objective of this document

This document defines the System Test Plan to be followed in order to test the user interface of the TARIC3 reporting & publication satellite application.

This system test plan concerns only the system-to-system interface and is intended to validate the business logic layer of the TARIC3 reporting & publication satellite system.

The test cases described here should be performed in order to evaluate proper implementation of the functionalities according to the requirements. From a practical point of view it is impossible to test all possible combinations of actions and data that the system is designed to handle, and therefore the tests described have been chosen to cover a representative subset of such combinations. Nevertheless, this list of tests is not exhaustive and additional tests can be added.

### 1.2. Structure of this document

This document has 4 chapters after this introduction chapter. Chapter 2 describes the test environment and the naming conventions used in the system test file. Chapter 3 specifies the test cases related to the maintenance of TARIC data. Chapter 4 defines the reference data used. Finally, Chapter 5 gives the template of the test report form that must be filled in when the TARIC system is tested.

### 1.3. Intended audience

This document is intended for people responsible for testing applications participating in the TARIC3 reporting & publication satellite System Test Plan.

### 1.4. Abbreviations and acronyms

|       |                             |
|-------|-----------------------------|
| n/a   | not applicable              |
| STP   | System Test Plan            |
| REP   | Reporting                   |
| TARIC | TARif Intégré Communautaire |
| XML   | eXtensible Markup Language  |

### 1.5. Reference documents

|                 |  |
|-----------------|--|
| [TARIC3 REP-FS] | “TARIC3 Functional Specifications”, Ref. TARIC3-REP-FS, version 3.00 |
|-----------------|--|

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| APPLICABLE DOCUMENTS                     |                     |

[TARIC3 REP -PM] “TARIC3 - Process model”, Ref. TARIC3-REP-PM, version 2.00

[TARIC3 REP -UI] “TARIC3-UIS - User Interface Specification”, Ref. TARIC3-REP-UI, version 2.00

[TARIC3 TARREP -FTS] “TARIC3 – Functional Test Scenarios”, Ref. TARIC3-REP-FTS, version

### 1.6. Applicable documents

n/a.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST ENVIRONMENT                         | Ref: TARIC3-REP-STP |
| TEST SCENARIO COVERAGE                   |                     |

## 2. TEST ENVIRONMENT

### 2.1. Test scenario coverage

The system test plan validates the business logic layer of the TARIC3 REP system. It covers the test scenarios, which are defined in the [\[TARIC3-TARREP-FTS\]](#) Functional test scenario document.

The system test plan does not cover test scenario for the user interfaces [\[TARIC3-REP-UI\]](#). A specific test plan will be defined for this.

### 2.2. Naming conventions

IDs of testcase are splitted in 4 or 5 parts, the last, YYY, being optional: UUU-VVV-WWW-XXX-YYY

UUU, VVV and WWW are letters used to define the testcase context.

XXX is a sequence number define with 2 or 3 digits.

Here are values UUU, VVV and WWW parts can have:

- UUU can be “PUB” (publication) or “REP” (report).
- VVV can be EXT (extraction), “EXE” (Execution) or “SUB” (submission)
- WWW can be “DEL” (delete), “INS” (insert), “UPD” (update), “CR” (control report), ”IR” (information report), ”MR” (management report), “VR” (validation rule),”PR” (process rule)

YYY is a sequence number define with 2 or 3 digits that can be used to detail test cases further than what the XXX sequence would allow.

### 2.3. Test case structure

A test case is composed of one or more Messages that are specified in the following way:

**Message:** The name of the input Message: to be sent.

**Test purpose:** The purpose of the testcase.

**Precondition:** All the required conditions that must be fulfilled before the execution of the test case.

**Content:** The description of the content: of the input Message:

**Expected output:** The expected result that the operator must verify.

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| TEST ENVIRONMENT   | Ref: TARIC3-REP-STP |
| PRELIMINARY STEPS TO COMPLETE BEFORE EXECUTING THE TEST PLAN |                     |

#### 2.4. Preliminary steps to complete before executing the test plan

Before unfolding the test plan, the tester must deploy the provided test database. All the test cases must be run on the given test database which contain TARIC2 production data migrated to TARIC3. This test database allows creating “realistic” reports and publications.

The provided test database has an approximative size, once deployed, of 10 GB.

The following “fake” user must be created through the weblogic console: “[GE-UI]”.

The deployment descriptor g\_demco\_ejb does require the following environment entries to be set in order to ease up the retrival of generated reports:

- “DebugReport” needs to be set to true in order to enable the dumping of reports
- “g\_demco.batch.tmpdir” needs to be set accordingly. It represents a path on a disk where the batch files will be stored. This directory must exists and have the access rights allowing to the reports to b=e saved in it.

The batch temporary directory must be empty. The path to this directory is defined in the s.quota2/resources/descriptors/g\_demco\_ejb/ejb-jar.xml file (ejb: TARIC3-Configuration, entry: /tmp/taric3/batch).

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| DATA MAINTENANCE                         |                     |

### 3. TEST CASES

#### 3.1. Data maintenance

##### 3.1.1. Publication extraction rules

Managing publication extraction rules can only be done by sending update.publication.extraction.rules messages. Insert and delete messages are not provided, because columns can't be added or removed. The main duty table has a fixed set (04, 05a, 05b, 07, 08, 09, 10, 11). So technically, inserting and deleting rules actually means sending update messages of the set of rules associated with the selected column.

##### 3.1.1.1. Generic validation rules

###### 3.1.1.1.1 *PUB\_SUB\_VR\_01 - VR-REP-MDT-8 Positive Flags*

**Message:** pub\_sub\_vr\_01.xml

**Test purpose:** The aim of this test is to check that publication rules with the same value of Rule and of Criteria Type have the same Positive value.

During this test, the rule will use invalid values, and then a valid value will be inserted.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert an invalid publication extraction rule.

Transaction 2. Insert a valid publication extraction rule.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that all Publication rules with the same value of Rule and of Criteria Type must have the same Positive value.

Reply to transaction 2. Status ok. The publication is correctly inserted.

##### 3.1.1.2. Insert

###### 3.1.1.2.1 *PUB\_EXT\_INS\_001 -Insert publication extraction rules - TC 1*

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| DATA MAINTENANCE                         |                     |

**Message:** pub\_ext\_ins\_001.xml

**Test purpose:** The aim of this test is to check that it is possible to insert a valid extraction rule.

Here is the test scenario:

- First, insert an un-existing and valid publication extraction rule.
- Then, it is queried in order to check that it was correctly inserted.
- Finally, the same extraction rule inserted before is inserted again in order to check that it is not possible.

In this test, here is the extraction rule specification:

- two rules R1 and R2;
- Rule R1 with 1 condition C1;
- Rule R2 with 2 conditions C2 and C3;
- Condition C1 with Px not one of (1);
- Condition C2 with Px one of (1,2);
- Condition C3 with Px one of (1,2,3).

Find below selected values:

Table: Main Duty Table

Column: Column 5a

Rule 1:

C1: Geographical area Not one of (1011).

Rule 2:

C2: Regulation group One of (MLA,PRS);

C3: Measure type One of (462,072,277).

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a valid publication extraction rule.

Transaction 2. Query the extraction rule inserted in transaction 1.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| DATA MAINTENANCE                         |                     |

Reply to transaction 1. Status ok. The extraction rule is correctly inserted.

Reply to transaction 2. Status ok. The result set contains exactly the extraction rule inserted in transaction 1.

### 3.1.1.2.2 *PUB\_EXT\_INS\_002 -Insert publication extraction rules - TC 2*

**Message:** pub\_ext\_ins\_002.xml

**Test purpose:** The aim of this test is to check that it is possible to insert a valid extraction rule.

Here is the test scenario:

- First, insert an un-existing and valid publication extraction rule.
- Then, it is queried in order to check that it was correctly inserted.
- Finally, the same extraction rule inserted before is inserted again in order to check that it is not possible.

In this test here is the extraction rule:

- one rule R3;
- Rule R3 with condition C4 and condition C5;
- Condition C4 with Px one of (1);
- Condition C5 with Px not one of (1,2).

Find below selected values:

Table: Main Duty Table

Column: Column 4

Rule 3:

C4: Regulation group One of (UTS);

C5: Measure type Not one of (110,111).

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a valid publication extraction rule.

Transaction 2. Query the extraction rule inserted in transaction 1.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| DATA MAINTENANCE                         |                     |

Transaction 3. Insert the same publication extraction rule inserted in transaction 1.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The extraction rule is correctly inserted.

Reply to transaction 2. Status ok. The result set contains exactly the extraction rule inserted in transaction 1.

Reply to transaction 3. Status error. The status details that the extraction already exists.

### 3.1.1.3. Update

#### 3.1.1.3.1 *PUB\_EXT\_UPD\_001 - Update publication extraction rules - TC 1*

**Message:** pub\_ext\_upd\_001.xml

**Test purpose:** The aim of this test is to check that it is possible to update a valid extraction rule.

Here is the test scenario:

- First, insert an un-existing and valid publication extraction rule.
- Then, it is queried in order to check that it was correctly inserted.
- Update some fields of this publication rule (except those which cannot be changed), and check if it is accepted.
- Update some fields with validation errors, and check that it is rejected with all error messages.

In this test, here is the extraction rule specification:

- two rules R1 and R2;
- Rule R1 with 1 condition C1;
- Rule R2 with 2 conditions C2 and C3;
- Condition C1 with Px not one of (1);
- Condition C2 with Px one of (1,2);
- Condition C3 with Px one of (1,2,3).

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| DATA MAINTENANCE                         |                     |

Find below selected values:

Table: Main Duty Table

Column: Column 5a

Rule 1:

C1: Geographical area Not one of (1011).

Rule 2:

C2: Regulation group One of (MLA,PRS);

C3: Measure type One of (462,072,277).

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a valid publication extraction rule.

Transaction 2. Query the extraction rule inserted in transaction 1.

Transaction 3. Update some fields that can be updated for the extraction rule.

Transaction 4. Update some fields with some invalid values.

Transaction 5. Update table MDT Column 5b with validation errors.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The extraction rule is correctly inserted.

Reply to transaction 2. Status ok. The result set contains exactly the extraction rule inserted in transaction 1.

Reply to transaction 3. Status ok. The extraction rule is correctly updated.

Reply to transaction 4. Status error. The status details some validation rule errors.

Reply to transaction 5. Status error. The status details a validation rule error.

### 3.1.1.3.2 ***PUB\_EXT\_UPD\_002 - Update publication extraction rules - TC 2***

**Message:** pub\_ext\_upd\_002.xml

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| DATA MAINTENANCE                         |                     |

**Test purpose:** The aim of this test is to check that it is possible to insert a valid extraction rule.

Here is the test scenario:

- First, insert an un-existing and valid publication extraction rule.
- Then, it is queried in order to check that it was correctly inserted.
- Update some fields of this publication rule (except those that cannot be changed), and check if it is accepted.
- Update some fields with validation errors, and check that it is rejected with all error messages.

In this test, here is the extraction rule:

- one rule R3;
- Rule R3 with condition C4 and condition C5;
- Condition C4 with Px one of (1);
- Condition C5 with Px not one of (1,2).

Find below selected values:

Table: Main Duty Table

Column: Column 4

Rule 3:

C4: Regulation group One of (UTS);

C5: Measure type Not one of (110,111).

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a valid publication extraction rule.

Transaction 2. Query the extraction rule inserted in transaction 1.

Transaction 3. Update some field that can be updated for the extraction rule

Transaction 4. Update some fields with validation errors.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The extraction rule is correctly inserted.

Reply to transaction 2. Status ok. The result set contains exactly the extraction

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| DATA MAINTENANCE                         |                     |

rule inserted in transaction 1.

Reply to transaction 3. Status ok. The extraction rule is correctly updated.

Reply to transaction 4. Status error. The status details a validation rule error.

### 3.1.1.4. Delete

#### 3.1.1.4.1 *PUB\_EXT\_DEL\_001 - Delete publication extraction rules - TC 1*

**Message:** pub\_ext\_del\_001.xml

**Test purpose:** The aim of this test is to check that it is possible to insert a valid extraction rule.

Here is the test scenario:

- First, insert an un-existing and valid publication extraction rule.
- Then, it is queried in order to check that it was correctly inserted.
- Delete the publication rule. Check if it is accepted.
- Query the publication, and check that it does not exist any more.

In this test, here is the extraction rule specification:

- two rules R1 and R2;
- Rule R1 with 1 condition C1;
- Rule R2 with 2 conditions C2 and C3;
- Condition C1 with Px not one of (1);
- Condition C2 with Px one of (1,2);
- Condition C3 with Px one of (1,2,3).

Find below selected values:

Table: Main Duty Table

Column: Column 5a

Rule 1:

C1: Geographical area Not one of (1011).

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Rule 2:

C2: Regulation group One of (MLA,PRS);

C3: Measure type One of (462,072,277).

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a valid publication extraction rule.

Transaction 2. Query the extraction rule inserted in transaction 1.

Transaction 3. Delete the extraction rule inserted in transaction 1 (as it not possible to delete an extraction rule, it means, update it with an empty rule list).

Transaction 4. Query the extraction rule inserted in transaction 1.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The extraction rule is correctly inserted.

Reply to transaction 2. Status ok. The result set contains exactly the extraction rule inserted in transaction 1.

Reply to transaction 3. Status ok. The extraction rule is correctly deleted.

Reply to transaction 4. Status ok. The result does not contain the list of extraction rules inserted in transaction 1.

### **3.1.1.4.2 *PUB\_EXT\_DEL\_002 - Delete publication extraction rules - TC 2***

**Message:** pub\_ext\_del\_002.xml

**Test purpose:** The aim of this test is to check that it is possible to insert a valid extraction rule.

Here is the test scenario:

- First, insert an un-existing and valid publication extraction rule.
- Then, it is queried in order to check that it was correctly inserted.
- Delete the publication rule. Check if it is accepted.

Query the publication, and check that it does not exist any more.

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| DATA MAINTENANCE                         |                     |

In this test, here is the extraction rule:

- one rule R3;
- Rule R3 with condition C4 and condition C5;
- Condition C4 with Px one of (1);
- Condition C5 with Px not one of (1,2).

Find below selected values:

Table: Main Duty Table

Column: Column 4

Rule 3:

C4: Regulation group One of (UTS);

C5: Measure type Not one of (110,111).

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a valid publication extraction rule.

Transaction 2. Query the extraction rule inserted in transaction 1.

Transaction 3. Delete the extraction rule inserted in transaction 1.

Transaction 4. Query the extraction rule inserted in transaction 1.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The extraction rule is correctly inserted.

Reply to transaction 2. Status ok. The result set contains exactly the extraction rule inserted in transaction 1.

Reply to transaction 3. Status ok. The extraction rule is correctly deleted.

Reply to transaction 4. Status ok. The result does not contain the extraction rule inserted in transaction 1.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

## 3.2. Report

### 3.2.1. Submission

#### 3.2.1.1. Control reports

##### 3.2.1.1.1 Manual Data Capture

##### 3.2.1.1.1.1 REP\_SUB\_CR\_001 - Manual Data Capture -Insert invalid set of field

**Message:** rep\_sub\_cr\_001.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid parameters are introduced.  
 In this test, all parameters are set to invalid values.  
 It is expected to have an error message for all parameters that are invalid.  
 Here is the list of parameters in error, with associated rules in error:  
 - update date and time from: V-RE-GE-U39 Period Date-Time Range Type;  
 - update date and time to: V-RE-GE-U59 Mandatory Value;  
 - record type: V-RE-GE-U33 Record type;  
 - user: [V-RE-GE-U1];  
 - header language: V-RE-GE-U4 Language Code Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to request a "Manual Data Capture" report with all parameters that are invalid.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

##### 3.2.1.1.1.2 REP\_SUB\_CR\_002 - Manual Data Capture -Insert invalid set of field

**Message:** rep\_sub\_cr\_002.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid parameters are introduced.  
 In this test, all parameters are set to invalid values.  
 It is expected to have an error message for all parameters that are invalid.  
 Here is the list of parameters in error, with associated rules in error:

- Update date and time from: VR-REP-REP-23 Period Date

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- Time Range Type;- update date and time to: VR-REP-REP-24 Period Date-Time Range Type;
- Header language: V-RE-GE-U59 Language Code Type.
- Record type: V-RE-GE-U1 Record type;

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Try to insert a "Manual Data Capture" report with all parameters that are invalid.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

#### 3.2.1.1.1.3 ***REP\_SUB\_CR\_003 - Manual Data Capture -Insert invalid set of field***

**Message:** rep\_sub\_cr\_003.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some valid but non-existing parameters are introduced.  
In this test, all parameters are set to valid values but which do not exist in the database.  
It is expected to have an error message for all parameters which don't exist.  
Here is the list of parameters in error, with associated rules in error:  
- header language: [V-RE-GE-U2] Language Code Type;  
- user: [V-RE-GE-U2].

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Try to insert a "Manual Data Capture" report with all parameters that are valid but not existing in the database.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists all parameters that are not present in the database.

#### 3.2.1.1.1.4 ***REP\_SUB\_CR\_004 - Manual Data Capture -Insert a valid set of field (5/5)***

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_sub\_cr\_004.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, these following parameters have been used:  
 - update date and time from;  
 - update date and time to;  
 - record type;  
 - user;  
 - header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report request is correctly inserted.

**3.2.1.1.1.5 *REP\_SUB\_CR\_005 - Manual Data Capture - VR-REP-REP-1 Restriction:***  
***Record type***

**Message:** rep\_sub\_cr\_005.xml

**Test purpose:** The aim of this test is to verify that the only record types, that are accepted, are those listed in the validation rule "VR-REP-REP-1 Restriction: Record type".  
 In this test, first a bad value is tested, then all values that should be valid.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Insert a manual report with a report type parameter with this value: BAD.

**Transaction 2.** Insert a manual report with a report type parameter with this value: AC.

**Transaction 3.** Insert a manual report with a report type parameter with this value: ACM.

**Transaction 4.** Insert a manual report with a report type parameter with this value: AM.

**Transaction 5.** Insert a manual report with a report type parameter with this

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

value: CC.

Transaction 6. Insert a manual report with a report type parameter with this value: CE.

Transaction 7. Insert a manual report with a report type parameter with this value: CET.

Transaction 8. Insert a manual report with a report type parameter with this value: CT.

Transaction 9. Insert a manual report with a report type parameter with this value: DE.

Transaction 10. Insert a manual report with a report type parameter with this value: DFA.

Transaction 11. Insert a manual report with a report type parameter with this value: DPA.

Transaction 12. Insert a manual report with a report type parameter with this value: DPF.

Transaction 13. Insert a manual report with a report type parameter with this value: DPG.

Transaction 14. Insert a manual report with a report type parameter with this value: EII.

Transaction 15. Insert a manual report with a report type parameter with this value: ERN.

Transaction 16. Insert a manual report with a report type parameter with this value: FAA.

Transaction 17. Insert a manual report with a report type parameter with this value: FAE.

Transaction 18. Insert a manual report with a report type parameter with this value: FAH.

Transaction 19. Insert a manual report with a report type parameter with this value: FAM.

Transaction 20. Insert a manual report with a report type parameter with this value: FAN.

Transaction 21. Insert a manual report with a report type parameter with this value: FO.

Transaction 22. Insert a manual report with a report type parameter with this value: FT.

Transaction 23. Insert a manual report with a report type parameter with this

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

value: GA.

Transaction 24. Insert a manual report with a report type parameter with this value: GM.

Transaction 25. Insert a manual report with a report type parameter with this value: HS.

Transaction 26. Insert a manual report with a report type parameter with this value: IA.

Transaction 27. Insert a manual report with a report type parameter with this value: ID.

Transaction 28. Insert a manual report with a report type parameter with this value: II.

Transaction 29. Insert a manual report with a report type parameter with this value: LA.

Transaction 30. Insert a manual report with a report type parameter with this value: LDA.

Transaction 31. Insert a manual report with a report type parameter with this value: LDE.

Transaction 32. Insert a manual report with a report type parameter with this value: LDF.

Transaction 33. Insert a manual report with a report type parameter with this value: LDN.

Transaction 34. Insert a manual report with a report type parameter with this value: MA.

Transaction 35. Insert a manual report with a report type parameter with this value: MAC.

Transaction 36. Insert a manual report with a report type parameter with this value: MC.

Transaction 37. Insert a manual report with a report type parameter with this value: MCO.

Transaction 38. Insert a manual report with a report type parameter with this value: MD.

Transaction 39. Insert a manual report with a report type parameter with this value: ME.

Transaction 40. Insert a manual report with a report type parameter with this value: MH.

Transaction 41. Insert a manual report with a report type parameter with this

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

value: MOU.

Transaction 42. Insert a manual report with a report type parameter with this value: MS.

Transaction 43. Insert a manual report with a report type parameter with this value: MT.

Transaction 44. Insert a manual report with a report type parameter with this value: MU.

Transaction 45. Insert a manual report with a report type parameter with this value: MUQ.

Transaction 46. Insert a manual report with a report type parameter with this value: NG.

Transaction 47. Insert a manual report with a report type parameter with this value: NI.

Transaction 48. Insert a manual report with a report type parameter with this value: NM.

Transaction 49. Insert a manual report with a report type parameter with this value: RC.

Transaction 50. Insert a manual report with a report type parameter with this value: RO.

Transaction 51. Insert a manual report with a report type parameter with this value: RR.

Transaction 52. Insert a manual report with a report type parameter with this value: RT.

Transaction 53. Insert a manual report with a report type parameter with this value: SDA.

Transaction 54. Insert a manual report with a report type parameter with this value: SDC.

Transaction 55. Insert a manual report with a report type parameter with this value: SDD.

Transaction 56. Insert a manual report with a report type parameter with this value: SDG.

Transaction 57. Insert a manual report with a report type parameter with this value: SDM.

Transaction 58. Insert a manual report with a report type parameter with this value: SDR.

Transaction 59. Insert a manual report with a report type parameter with this

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

value: SDY.

Transaction 60. Insert a manual report with a report type parameter with this value: TP.

Transaction 61. Insert a manual report with a report type parameter with this value: TS.

Transaction 62. Insert a manual report with a report type parameter with this value: ER\*.

Transaction 63. Insert a manual report with a report type parameter with this value: ME\*.

Transaction 64. Insert a manual report with a report type parameter with this value: NI\*.

Transaction 65. Insert a manual report with a report type parameter with this value: RE\*.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message mentions that the record type has a bad type.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

Reply to transaction 9. Status ok. The report is correctly inserted.

Reply to transaction 10. Status ok. The report is correctly inserted.

Reply to transaction 11. Status ok. The report is correctly inserted.

Reply to transaction 12. Status ok. The report is correctly inserted.

Reply to transaction 13. Status ok. The report is correctly inserted.

Reply to transaction 14. Status ok. The report is correctly inserted.

Reply to transaction 15. Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 16.Status ok. The report is correctly inserted.

Reply to transaction 17.Status ok. The report is correctly inserted.

Reply to transaction 18.Status ok. The report is correctly inserted.

Reply to transaction 19.Status ok. The report is correctly inserted.

Reply to transaction 20.Status ok. The report is correctly inserted.

Reply to transaction 21.Status ok. The report is correctly inserted.

Reply to transaction 22.Status ok. The report is correctly inserted.

Reply to transaction 23.Status ok. The report is correctly inserted.

Reply to transaction 24.Status ok. The report is correctly inserted.

Reply to transaction 25.Status ok. The report is correctly inserted.

Reply to transaction 26.Status ok. The report is correctly inserted.

Reply to transaction 27.Status ok. The report is correctly inserted.

Reply to transaction 28.Status ok. The report is correctly inserted.

Reply to transaction 29.Status ok. The report is correctly inserted.

Reply to transaction 30.Status ok. The report is correctly inserted.

Reply to transaction 31.Status ok. The report is correctly inserted.

Reply to transaction 32.Status ok. The report is correctly inserted.

Reply to transaction 33.Status ok. The report is correctly inserted.

Reply to transaction 34.Status ok. The report is correctly inserted.

Reply to transaction 35.Status ok. The report is correctly inserted.

Reply to transaction 36.Status ok. The report is correctly inserted.

Reply to transaction 37.Status ok. The report is correctly inserted.

Reply to transaction 38.Status ok. The report is correctly inserted.

Reply to transaction 39.Status ok. The report is correctly inserted.

Reply to transaction 40.Status ok. The report is correctly inserted.

Reply to transaction 41.Status ok. The report is correctly inserted.

Reply to transaction 42.Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 43. Status ok. The report is correctly inserted.

Reply to transaction 44. Status ok. The report is correctly inserted.

Reply to transaction 45. Status ok. The report is correctly inserted.

Reply to transaction 46. Status ok. The report is correctly inserted.

Reply to transaction 47. Status ok. The report is correctly inserted.

Reply to transaction 48. Status ok. The report is correctly inserted.

Reply to transaction 49. Status ok. The report is correctly inserted.

Reply to transaction 50. Status ok. The report is correctly inserted.

Reply to transaction 51. Status ok. The report is correctly inserted.

Reply to transaction 52. Status ok. The report is correctly inserted.

Reply to transaction 53. Status ok. The report is correctly inserted.

Reply to transaction 54. Status ok. The report is correctly inserted.

Reply to transaction 55. Status ok. The report is correctly inserted.

Reply to transaction 56. Status ok. The report is correctly inserted.

Reply to transaction 57. Status ok. The report is correctly inserted.

Reply to transaction 58. Status ok. The report is correctly inserted.

Reply to transaction 59. Status ok. The report is correctly inserted.

Reply to transaction 60. Status ok. The report is correctly inserted.

Reply to transaction 61. Status ok. The report is correctly inserted.

Reply to transaction 62. Status ok. The report is correctly inserted.

Reply to transaction 63. Status ok. The report is correctly inserted.

Reply to transaction 64. Status ok. The report is correctly inserted.

Reply to transaction 65. Status ok. The report is correctly inserted.

### **3.2.1.2. Information reports**

#### **3.2.1.2.1 Nomenclature by Group**

##### **3.2.1.2.1.1 REP\_SUB\_IR\_001 - Nomenclature by Group -Insert invalid set of field**

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_sub\_ir\_001.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid parameters are introduced.  
 In this test, all parameters are set to invalid values.  
 It is expected to have an error message for all parameters that are invalid.  
 Here is the list of parameters in error, with is associated rules in error:

- chapter: V-RE-GE-U8 Chapter Type;
- data language: V-RE-GE-U4 & [V-RE-GE-U2] & V-RE-GE-U59 Language Code Type;
- header language: V-RE-GE-U4 & [V-RE-GE-U2] & V-RE-GE-U59 Language Code Type;
- nomenclature group code: V-RE-GE-U10 Nomenclature Group Code;
- nomenclature group type: V-RE-GE-U9 Nomenclature Group Type;
- simulation date: V-RE-GE-U2 & V-RE-GE-U62 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- update date & time from: V-RE-GE-U39 & V-RE-GE-U62 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U39 & V-RE-GE-U62 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U38 & V-RE-GE-U62 Period Date Range Type;
- validity end date to: V-RE-GE-U38 & V-RE-GE-U62 Period Date Range Type;
- validity start date from: V-RE-GE-U38 & V-RE-GE-U62 Period Date Range Type;
- validity start date to: V-RE-GE-U38 & V-RE-GE-U62 Period Date Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Nomenclature by group" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Nomenclature by group" report with no header language and no data language specified.

**Transaction 3.** Try to insert a "Nomenclature by group" report with valid but non-existing values for nomenclature group type, nomenclature group code, chapter, header language, data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language and data language are mandatory parameters.

**Reply to transaction 3.** Status error. The error message specified that if a value

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

of specified type is provided it should exist in the database.

### 3.2.1.2.1.2 *REP\_SUB\_IR\_002 - Nomenclature by Group -Insert valid set of field (05/13)*

**Message:** rep\_sub\_ir\_002.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, these following parameters have been used:

- snapshot date;
- update date time from;
- update date time to;
- data language;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.1.3 *REP\_SUB\_IR\_003 - Nomenclature by Group -Insert valid set of field (8/13)*

**Message:** rep\_sub\_ir\_003.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, these following parameters have been used:

- validity start date from;
- validity start date to;
- validity end date from;
- validity end date to;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected** The message is composed of transactions and the status that reply to the

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**output:** original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.1.4 *REP\_SUB\_IR\_004 - Nomenclature by Group -Insert valid set of field (13/13)*

**Message:** rep\_sub\_ir\_004.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, these following parameters have been used:

- chapter;
- nomenclature group type;
- nomenclature group code;
- simulation date;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.2 *Nomenclature Code Changes*

##### 3.2.1.2.2.1 *REP\_SUB\_IR\_005 - Nomenclature Code Changes -insert invalid set of field*

**Message:** rep\_sub\_ir\_005.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid parameters are introduced.

In this test, all parameters are set to invalid values.

It is expected to have an error message for all parameters that are invalid.

Here is the list of parameters in error, with associated rules in error:

- data language: [V-RE-GE-U2], V-RE-GE-U4 Language Code Type;
- header language: [V-RE-GE-U2], V-RE-GE-U4 Language Code Type;
- nomenclature code level: V-RE-GE-U11 Nomenclature Code Level;
- product code from: V-RE-GE-U40 Goods Nomenclature Range Type;
- product code to: V-RE-GE-U40 Goods Nomenclature Range Type.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- Update date time range from: V-RE-GE-U39 Update Date Time Range Type;
- Update date time range to: V-RE-GE-U39 Update Date Time Range Type;

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Nomenclature Code change" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Nomenclature Code change" report with a smaller value in the parameter "update date & time to" than the value specified in the parameter "update date & time from".

**Transaction 3.** Try to insert a "Nomenclature Code change" report with no value specified for: update date & time from, update date & time to, header language, data language and nomenclature code level.

**Transaction 4.** Try to insert a "Nomenclature Code change" report with a valid but non existing value for all parameters header language & data language.

**Transaction 5.** Try to insert a "Nomenclature Code change" report with a smaller value in the parameter "goods nomenclature range type to" than the value specified in the parameter "goods nomenclature range type from".

**Transaction 6.** Try to insert a "Nomenclature Code change" report with no goods nomenclature range type.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specified that the lower bound should be inferior to the upper bound when both values are specified.

**Reply to transaction 3.** Status error. The error message mentioned that a value is required for update date & time from , update date & time to, header language, data language and nomenclature code level.

**Reply to transaction 4.** Status error. The error message specified that when specified the value for header language & data language should exist in the database.

**Reply to transaction 5.** Status error. The error message specified that the lower bound should be inferior to the upper bound when both values are specified.

**Reply to transaction 6.** Status ok.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.2.2.2 *REP\_SUB\_IR\_006 - Nomenclature Code Changes -insert valid set of field (5/5)*

**Message:** rep\_sub\_ir\_006.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, these following parameters have been used:

- product code from;
- product code to;
- nomenclature code level;
- header language;
- data language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.3 *Selected Nomenclature Codes*

#### 3.2.1.2.3.1 *REP\_SUB\_IR\_007 - Selected Nomenclature Codes -insert invalid set of field*

**Message:** rep\_sub\_ir\_007.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.

In this test, all parameters are set to invalid or non existing values.

It is expected to have an error message for all parameters that are invalid or non-existing.

Here is the list of parameters in error, with is associated rules in error:

- data language: [V-RE-GE-U2], V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- header language: [V-RE-GE-U2], V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- nomenclature code level: [V-RE-GE-U2], V-RE-GE-U59 & V-RE-GE-U11 Nomenclature Code Level;
- product code from: V-RE-GE-U40 Goods Nomenclature Range Type;
- product code to: V-RE-GE-U40 Goods Nomenclature Range Type;

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- simulation date: V-RE-GE-U1 & V-RE-GE-U62 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U39 & V-RE-GE-U62 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U39 & V-RE-GE-U62 Period Date-Time Range Type;
- update type: V-RE-GE-U59 , V-RE-GE-U13 Record Update Type;
- validity end date from: V-RE-GE-U38 & V-RE-GE-U62 Period Date Range Type;
- validity end date to: V-RE-GE-U38 & V-RE-GE-U62 Period Date Range Type;
- validity start date from: V-RE-GE-U38 & V-RE-GE-U62 Period Date Range Type;
- validity start date to: V-RE-GE-U38 & V-RE-GE-U62 Period Date Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Try to insert a "Selected Nomenclatures code" report with all parameters that are invalid.

Transaction 2. Try to insert a "Selected Nomenclatures code" report with no value specified for: update type, header language, data language and nomenclature code level.

Transaction 3. Try to insert a "Selected Nomenclatures code" report with a valid but non existing value for parameters nomenclature code level, header language & data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

Reply to transaction 2. Status error. The error message mentioned that a value is required for update type, header language, data language and nomenclature code level.

Reply to transaction 3. Status error. The error message specified that when specified the value for nomenclature code level, header language & data language should exist in the database.

**3.2.1.2.3.2**      *REP\_SUB\_IR\_008 - Selected Nomenclature Codes -insert valid set of field (05/15)*

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_sub\_ir\_008.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, these following parameters have been used:  
 - snapshot date;  
 - update date & time from;  
 - update date & time to;  
 - update type;  
 - stable/unstable indicator;  
 - header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.3.3 *REP\_SUB\_IR\_009 - Selected Nomenclature Codes -insert valid set of field (10/15)*

**Message:** rep\_sub\_ir\_009.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, these following parameters have been used:  
 - validity start date from;  
 - validity start date to;  
 - validity end date from;  
 - validity end date to;  
 - nomenclature code level;  
 - header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.3.4**     *REP\_SUB\_IR\_010 - Selected Nomenclature Codes -insert valid set of field (15/15)*

**Message:**             rep\_sub\_ir\_010.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, these following parameters have been used:  
- simulation date;  
- product code from;  
- product code to;  
- data language;  
- header language.

**Precondition:**        The test database must be deployed.

**Content:**                The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**     The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.3.5**     *REP\_SUB\_IR\_011 - Selected Nomenclature Codes -VR-REP-REP-6 Update Type Restriction*

**Message:**             rep\_sub\_ir\_011.xml

**Test purpose:**        The aim of this test is to test the update type restriction.  
First, the update type is specified without an update date & time range, then they are both specified.

**Precondition:**        The test database must be deployed.

**Content:**                The test case is composed of the following transactions:

Transaction 1. Insert a report with the only parameter update type.

Transaction 2. Insert a report with the parameter update type specified with the update date & time range.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error, the error message details that the update type parameter cannot be specified if the update date & time range is not specified.

Reply to transaction 2. Status ok. The report is correctly inserted.

### 3.2.1.2.4 *Nomenclature Description (multi-lingual)*

#### 3.2.1.2.4.1 *REP\_SUB\_IR\_012 - Nomenclature Description (multi-lingual) -insert invalid set of field*

**Message:** rep\_sub\_ir\_012.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
 In this test, all parameters are set to invalid or non-existing values.  
 It is expected to have an error message for all parameters that are invalid or non-existing.  
 Here is the list of parameters in error, with associated rules in error:

- data language: [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- header language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- measure type: [V-RE-GE-U2] & V-RE-GE-U15 Measure Type;
- product code from: V-RE-GE-U59 & V-RE-GE-U40 Goods Nomenclature Range Type;
- product code to: V-RE-GE-U59 & V-RE-GE-U40 Goods Nomenclature Range Type;
- simulation date: V-RE-GE-U62 & V-RE-GE-U1 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;

**Precondition:** The test database must be deployed.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Nomenclature description" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Nomenclature description" report without product code from, product code to, header language.

**Transaction 3.** Try to insert a "Nomenclature description" report with non-existing values for measure type, header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that the parameters product code from, product code to and header language are mandatory.

**Reply to transaction 3.** Status error. The error message specifies that if a value of specified type is provided, it must exist in the database.

#### **3.2.1.2.4.2 REP\_SUB\_IR\_013 - Nomenclature Description (multi-lingual) -insert valid set of field (05/14)**

**Message:** rep\_sub\_ir\_013.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, these following parameters have been used:

- snapshot date;
- update date & time from;
- update date & time to;
- product code from;
- product code to;
- stable/unstable indicator;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.4.3 REP\_SUB\_IR\_014 - Nomenclature Description (multi-lingual) -insert valid set of field (10/14)**

**Message:** rep\_sub\_ir\_014.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, these following parameters have been used:

- simulation date;
- product code from;
- product code to;
- data language;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.4.4 REP\_SUB\_IR\_015 - Nomenclature Description (multi-lingual) -insert valid set of field (14/14)**

**Message:** rep\_sub\_ir\_015.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, these following parameters have been used:

- validity start date from;
- validity start date to;
- validity end date from;
- validity end date to;
- product code from;
- product code to;
- measure type;
- header language.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report is correctly inserted.

### 3.2.1.2.5 *Selected Nomenclature Report*

#### 3.2.1.2.5.1 *REP\_SUB\_IR\_016 - Selected Nomenclature Report -insert invalid set of field*

**Message:** rep\_sub\_ir\_016.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test, all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with associated rules in error:

- data language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- geographical area: [V-RE-GE-U2] Existing Value;
- header language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- nomenclature code level: [V-RE-GE-U2] & V-RE-GE-U12 CN Restricted Nomenclature Code Level;
- nomenclature group code: [V-RE-GE-U2] & V-RE-GE-U10 Nomenclature Group Code;
- nomenclature group type: [V-RE-GE-U2] & V-RE-GE-U9 Nomenclature Group Type;
- product code from: V-RE-GE-U40 Goods Nomenclature Range Type;
- product code to: V-RE-GE-U40 Goods Nomenclature Range Type;
- regulation: [V-RE-GE-U2] & V-RE-GE-U16 Regulation Identifier;
- simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;

**Precondition:** The test database must be deployed.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Selected Nomenclature report" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Selected Nomenclature report" report with no values for header language and data language.

**Transaction 3.** Try to insert a "Selected Nomenclature report" report with non existing values for nomenclature code level, nomenclature group type, nomenclature group code, regulation, header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language and data language are mandatory parameters.

**Reply to transaction 3.** Status error. The error message specifies that if a value of specified type is provided, it must exist in the database.

**3.2.1.2.5.2**     ***REP\_SUB\_IR\_017 - Selected Nomenclature Report -insert valid set of field (05/14)***

**Message:**             rep\_sub\_ir\_017.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, these following parameters have been used:  
- nomenclature code level;  
- nomenclature group type;  
- nomenclature group code;  
- update date & time from;  
- update date & time to;  
- header language;  
- data language.

**Precondition:**        The test database must be deployed.

**Content:**                The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:**     The message is composed of transactions and the status that reply to the original transactions:

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.5.3**     *REP\_SUB\_IR\_018 - Selected Nomenclature Report -insert valid set of field (10/14)*

**Message:**             rep\_sub\_ir\_018.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, these following parameters have been used:  
- snapshot date;  
- simulation date;  
- geographical area;  
- data language;  
- header language.

**Precondition:**        The test database must be deployed.

**Content:**                The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**     The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.5.4**     *REP\_SUB\_IR\_019 - Selected Nomenclature Report -insert valid set of field (14/14)*

**Message:**             rep\_sub\_ir\_019.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, these following parameters have been used:  
- chapter;  
- nomenclature group type;  
- nomenclature group code;  
- simulation date;  
- header language.

**Precondition:**        The test database must be deployed.

**Content:**                The test case is composed of the following transaction:

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.5.5 *REP\_SUB\_IR\_020 - Selected Nomenclature Report -VR-REP-REP-7***  
***Restriction: nomenclature group and regulation***

**Message:** rep\_sub\_ir\_020.xml

**Test purpose:** The aim of this test is to verify that "Nomenclature group" and "Regulation" parameters are mutually exclusive.

First, a report with "Nomenclature group" and "Regulation" parameters specified will be inserted.  
Then, two reports will be introduced, one with only the parameter "Nomenclature group", and another one with only the "Regulation" parameter.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report with "Nomenclature group" and "Regulation" parameters specified.

Transaction 2. Insert a report with the only "Nomenclature group" parameter.

Transaction 3. Insert a report with the only "Regulation" parameter.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message details that both parameters "Nomenclature group" and "Regulation" are exclusive.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

**3.2.1.2.5.6 *REP\_SUB\_IR\_021 - Selected Nomenclature Report -VR-REP-REP-8***  
***Restriction Nomenclature group and geographical area***

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_sub\_ir\_021.xml

**Test purpose:** The aim of this test is to verify that "Nomenclature group" and "Geographical area" parameters are mutually exclusive.

First, a report with both "Nomenclature group" and "Geographical area" parameters specified will be inserted.  
Then, two reports will be introduced, one with the only parameter "Nomenclature group", and another one with "Geographical area" parameter.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report with both "Nomenclature group" and "Geographical area" parameters specified.

**Transaction 2.** Insert a report with the only "Nomenclature group" parameter.

**Transaction 3.** Insert a report with the only "Geographical area" parameter.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message details that both parameters "Nomenclature group" and "Geographical area" are exclusive.

**Reply to transaction 2.** Status ok. The report is correctly inserted.

**Reply to transaction 3.** Status ok. The report is correctly inserted.

### 3.2.1.2.6 *Nomenclature/Measures by Measure Type*

#### 3.2.1.2.6.1 *REP\_SUB\_IR\_022 - Nomenclature/Measures by Measure Type -Insert invalid set of field*

**Message:** rep\_sub\_ir\_022.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test, all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:  
- data language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;  
- header language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;  
- measure type: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U15 Measure Type;

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- nomenclature code level: V-RE-GE-U59 & V-RE-GE-U12 CN Restricted Nomenclature Code Level;
- product code from: V-RE-GE-U40 Goods Nomenclature Range Type;
- product code to: V-RE-GE-U40 Goods Nomenclature Range Type;
- regulation: [V-RE-GE-U2] & V-RE-GE-U16 Regulation Identifier;
- regulation group: [V-RE-GE-U2] & V-RE-GE-U17 Regulation Group;
- simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Nomenclature/Measures by measure type" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Nomenclature/Measures by measure type" report with no values for nomenclature code level, measure type, header language and data language.

**Transaction 3.** Try to insert a "Nomenclature/Measures by measure type" report with non existing values for regulation group, measure type, regulation, header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that nomenclature code level, measure type, header language and data language are mandatory parameters.

**Reply to transaction 3.** Status error. The error message specifies that if a value of specified type is provided, it must exist in the database.

**3.2.1.2.6.2** *REP\_SUB\_IR\_023 - Nomenclature/Measures by Measure Type -Insert valid set of field (06/13)*

**Message:** rep\_sub\_ir\_023.xml

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, these following parameters have been used:

- update date & time from;
- update date & time to;
- regulation;
- stable/unstable indicator.

\*mandatory fields:

- nomenclature code level;
- measure type;
- data language;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.6.3 *REP\_SUB\_IR\_024 - Nomenclature/Measures by Measure Type -Insert valid set of field (10/13)*

**Message:** rep\_sub\_ir\_024.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, these following parameters have been used:

- simulation date;
- product code from;
- product code to;
- stable/unstable indicator.

\*mandatory fields:

- nomenclature code level;
- measure type;
- data language;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

description).

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.6.4 REP\_SUB\_IR\_025 - Nomenclature/Measures by Measure Type -Insert valid set of field (13/13)**

**Message:** rep\_sub\_ir\_025.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, these following parameters have been used:

- simulation date;
- snapshot date;
- regulation group;
- stable/unstable indicator.

\*mandatory fields:

- nomenclature code level;
- measure type;
- data language;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.7 Additional Codes**

**3.2.1.2.7.1 REP\_SUB\_IR\_026 - Additional Codes -Insert invalid set of field**

**Message:** rep\_sub\_ir\_026.xml

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test, all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:

- additional code from: V-RE-GE-U43 Additional Code Range;
- additional code to: V-RE-GE-U43 Additional Code Range;
- additional code type from: V-RE-GE-U42 Additional Code Type Range;
- additional code type to: V-RE-GE-U42 Additional Code Type Range;
- data language: V-RE-GE-U4 Language Code Type;
- header language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- history: V-RE-GE-U1 Boolean Type;
- simulation date: V-RE-GE-U62 & V-RE-GE-U1 Boolean Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Try to insert an "Additional codes" report with all parameters that are invalid.

Transaction 2. Try to insert an "Additional codes" report with no values for header language.

Transaction 3. Try to insert an "Additional codes" report with non existing values for header language.

**Expected output:** Transaction 1. The message is composed of transactions and the status that reply to the original transactions: Status error. The error message lists all parameters that are invalid.

Transaction 2. Status error. The error message specifies that header language is mandatory parameter.

Transaction 3. Status error. The error message specifies that if a value of

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

specified type is provided it must exist in the database.

### 3.2.1.2.7.2 *REP\_SUB\_IR\_027 - Additional Codes -Insert valid set of field (07/16)*

**Message:** rep\_sub\_ir\_027.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, the following parameters have been used:

- simulation date;
- additional code type from;
- additional code type to;
- additional code from;
- additional code to;
- stable/unstable indicator.

\* mandatory fields

- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.7.3 *REP\_SUB\_IR\_028 - Additional Codes -Insert valid set of field (11/16)*

**Message:** rep\_sub\_ir\_028.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use the following parameters:

- validity end date from;
- validity end date to;
- validity start date from;
- validity start date to;
- stable/unstable indicator.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.7.4 *REP\_SUB\_IR\_029 - Additional Codes -Insert valid set of field (16/16)*

**Message:** rep\_sub\_ir\_029.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- update date & time from;
- update date & time to;
- snapshot date;
- data language;
- stable/unstable indicator.

- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.2.8 *Additional Codes Cross-Reference*

#### 3.2.1.2.8.1 *REP\_SUB\_IR\_031 - Additional Codes Cross-Reference -Insert invalid set of field*

**Message:** rep\_sub\_ir\_031.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
 In this test, all parameters are set to invalid or non-existing values.  
 It is expected to have an error message for all parameters that are invalid or non-existing.  
 Here is the list of parameters in error, with is associated rules in error:

- additional code from: V-RE-GE-U43 Additional Code Range;
- additional code to: V-RE-GE-U43 Additional Code Range;
- additional code type from: V-RE-GE-U42 Additional Code Type Range;
- additional code type to: V-RE-GE-U42 Additional Code Type Range;
- data language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- header language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- measure type: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U15 Measure Type;
- product code from: V-RE-GE-U40 Goods Nomenclature Range Type;
- product code to: V-RE-GE-U40 Goods Nomenclature Range Type;
- simulation date: V-RE-GE-U59 & V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert an "Additional Code Cross-reference" report with all parameters that are invalid.

**Transaction 2.** Try to insert an "Additional Code Cross-reference" report with no values for simulation date, measure type, header language, data language.

**Transaction 3.** Try to insert an "Additional Code Cross-reference" report with non existing values for measure type, header language, data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

language is mandatory.

Reply to transaction 3. Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

**3.2.1.2.8.2**     ***REP\_SUB\_IR\_032 - Additional Codes Cross-Reference -Insert valid set of field (04/12)***

**Message:**             rep\_sub\_ir\_032.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:

- snapshot date;
- additional code type from;
- additional code type to;
- stable/unstable indicator.

\* mandatory fields

- simulation date;
- measure type;
- header language;
- data language.

**Precondition:**        The test database must be deployed.

**Content:**                The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**     The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.8.3**     ***REP\_SUB\_IR\_033 - Additional Codes Cross-Reference -Insert valid set of field (08/12)***

**Message:**             rep\_sub\_ir\_033.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:

- additional code from;
- additional code to;
- stable/unstable indicator;

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- \* mandatory fields
- simulation date;
- measure type;
- header language;
- data language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.8.4 *REP\_SUB\_IR\_034 - Additional Codes Cross-Reference -Insert valid set of field (12/12)*

**Message:** rep\_sub\_ir\_034.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- product code from;
- product code to;
- stable/unstable indicator;
- \* mandatory fields
- simulation date;
- measure type;
- header language;
- data language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

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| REPORT                                   |                     |

### 3.2.1.2.9 Regulations

#### 3.2.1.2.9.1 REP\_SUB\_IR\_035 - Regulations -Insert invalid set of field

**Message:** rep\_sub\_ir\_035.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test, all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:

- data language: [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- header language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- history: V-RE-GE-U59 & V-RE-GE-U1 Boolean Type;
- regulation group: [V-RE-GE-U2] & V-RE-GE-U17 Regulation Group;
- regulation identifier from: V-RE-GE-U45 Regulation Identifier Range;
- regulation identifier to: V-RE-GE-U45 Regulation Identifier Range;
- regulation role type from: V-RE-GE-U44 Regulation Role Type Range;
- regulation role type to: V-RE-GE-U44 Regulation Role Type Range;
- simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Regulations" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Regulations" report with no values for header language and history.

**Transaction 3.** Try to insert a "Regulations" report with non existing values for regulation group, header language, data language.

**Expected** The message is composed of transactions and the status that reply to the original

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**output:** transactions:

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

Reply to transaction 2. Status error. The error message specifies that header language and history are mandatory.

Reply to transaction 3. Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

### 3.2.1.2.9.2 *REP\_SUB\_IR\_036 - Regulations -Insert valid set of field (06/17)*

**Message:** rep\_sub\_ir\_036.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:

- update date & time from;
- update date & time to;
- snapshot date;
- stable/unstable indicator;
- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.9.3 *REP\_SUB\_IR\_037 - Regulations -Insert valid set of field (10/17)*

**Message:** rep\_sub\_ir\_037.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:

- validity start date from;

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- validity start date to;
- validity end date from;
- validity end date to;
- stable/unstable indicator;
- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.9.4 *REP\_SUB\_IR\_038 - Regulations -Insert valid set of field (15/17)*

**Message:** rep\_sub\_ir\_038.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- simulation date;
- regulation role type from;
- regulation role type to;
- regulation identifier from;
- regulation identifier to;
- stable/unstable indicator;
- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.2.9.5 *REP\_SUB\_IR\_039 - Regulations -Insert valid set of field (17/17)*

**Message:** rep\_sub\_ir\_039.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:

- regulation group;
- data language;
- stable/unstable indicator;
- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.10 *Footnotes*

#### 3.2.1.2.10.1 *REP\_SUB\_IR\_040 - Footnotes -insert invalid set of field*

**Message:** rep\_sub\_ir\_040.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test, all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:

- data language: V-RE-GE-U59 & [V-RE-GE-U2] &V-RE-GE-U4 Language Code Type;
- footnote code from: V-RE-GE-U47 Footnote Code Range;
- footnote code to: V-RE-GE-U47 Footnote Code Range;
- footnote type from: V-RE-GE-U46 Footnote Type Range;
- footnote type to: V-RE-GE-U46 Footnote Type Range;
- header language: V-RE-GE-U59 & [V-RE-GE-U2] &V-RE-GE-U4 Language Code Type;
- history: V-RE-GE-U1 Boolean Type;
- simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;

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- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Footnotes" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Footnotes" report with no values for header language and data language.

**Transaction 3.** Try to insert a "Footnotes" report with non-existing values for header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language and data language are mandatory.

**Reply to transaction 3.** Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

### 3.2.1.2.10.2 *REP\_SUB\_IR\_041 - Footnotes -insert valid set of field (04/16)*

**Message:** rep\_sub\_ir\_041.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- update date & time from;
- update date & time to;
- snapshot date;

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- stable/unstable indicator;
- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.10.3 *REP\_SUB\_IR\_042 - Footnotes -insert valid set of field (08/16)*

**Message:** rep\_sub\_ir\_042.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- validity start date from;
- validity start date to;
- validity end date from;
- validity end date to;
- stable/unstable indicator;
- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.10.4 *REP\_SUB\_IR\_043 - Footnotes -insert valid set of field (12/16)*

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_sub\_ir\_043.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- footnote type from;
- footnote type to;
- footnote code from;
- footnote code to;
- stable/unstable indicator;
- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.10.5 REP\_SUB\_IR\_044 - Footnotes -insert valid set of field (16/16)

**Message:** rep\_sub\_ir\_044.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- data language;
- stable/unstable indicator;
- \* mandatory fields
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.11 *Footnote Cross-Reference*

#### 3.2.1.2.11.1 *REP\_SUB\_IR\_045 - Footnote Cross-Reference -Insert invalid set of field*

**Message:** rep\_sub\_ir\_045.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test, all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:  
- data language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;  
- footnote code from: V-RE-GE-U47 Footnote Code Range;  
- footnote code to: V-RE-GE-U47 Footnote Code Range;  
- footnote type from: V-RE-GE-U46 Footnote Type Range;  
- footnote type to: V-RE-GE-U46 Footnote Type Range;  
- geographical area from: V-RE-GE-U49 Geographical Area Range;  
- geographical area sorting order: V-RE-GE-U9 & V-RE-GE-U59 & V-RE-GE-U20 Sorting order;  
- geographical area to: V-RE-GE-U49 Geographical Area Range;  
- header language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;  
- measure sorting order: VR-REP-REP-9 & V-RE-GE-U59 & V-RE-GE-U20 Sorting order;  
- measure type from: V-RE-GE-U48 Measure Type Range;  
- measure type to: V-RE-GE-U48 Measure Type Range;  
- product code from: V-RE-GE-U40 Goods Nomenclature Range Type;  
- product code sorting order: V-RE-GE-U9 & V-RE-GE-U59 & V-RE-GE-U20 Sorting order;  
- product code to: V-RE-GE-U40 Goods Nomenclature Range Type;  
- simulation date: V-RE-GE-U59 & V-RE-GE-U2 Date Type;  
- snapshot date: V-RE-GE-U3 Date Time Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Try to insert a "Footonte Cross-Reference" report with all parameters that are invalid.

Transaction 2. Try to insert a "Footonte Cross-Reference" report with no values for header language, data language, simulation date, product sorting order,

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measure sorting order, and geographical area sorting order.

Transaction 3. Try to insert a "Footnote Cross-Reference" report with non existing values for header language and data language.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

Reply to transaction 2. Status error. The error message specifies that header language, data language, simulation date, product sorting order, measure sorting order, geographical area sorting order are mandatory.

Reply to transaction 3. Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

**3.2.1.2.11.2 REP\_SUB\_IR\_046 - Footnote Cross-Reference -Insert valid set of field (05/17)**

**Message:** rep\_sub\_ir\_046.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- snapshot date;
- product code from;
- product code to;
- \* mandatory fields
- simulation date;
- header language;
- data language;
- product code sorting order;
- measure sorting order;
- geographical area sorting order.

**Precondition:** The test database must be deployed.

**Content:;** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:;**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.2.11.3 *REP\_SUB\_IR\_047 - Footnote Cross-Reference -Insert valid set of field (10/17)*

**Message:** rep\_sub\_ir\_047.xml

**Test purpose:;** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

- footnote type from;
- footnote type to;
- footnote code from;
- footnote code to;
- \* mandatory fields
- simulation date;
- header language;
- data language;
- product code sorting order;
- measure sorting order;
- geographical area sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.11.4 *REP\_SUB\_IR\_048 - Footnote Cross-Reference -Insert valid set of field (15/17)*

**Message:** rep\_sub\_ir\_048.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- measure type from;
- measure type to;
- \* mandatory fields
- simulation date;
- header language;
- data language;
- product code sorting order;
- measure sorting order;
- geographical area sorting order.

**Precondition:** The test database must be deployed.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.11.5 *REP\_SUB\_IR\_049 - Footnote Cross-Reference -Insert valid set of field (17/17)*

**Message:** rep\_sub\_ir\_049.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- geographical area from;
- geographical area to;
- \* mandatory fields
- simulation date;
- header language;
- data language;
- product code sorting order;
- measure sorting order;
- geographical area sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.11.6 *REP\_SUB\_IR\_050 - Footnote Cross-Reference - VR-REP-REP-9 Sorting field exclusivity*

**Message:** rep\_sub\_ir\_050.xml

**Test purpose:** The aim of this test is to check that the sorting orders fields must be different from one another and limited to the value "1", "2" and "3".

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

The report has 3 different sorting orders types:

- product code sorting order;
- measure sorting order;
- geographical area sorting order.

The test will try to insert an "out of range" value for sorting fields. The value that will be used is "4".

The test will try to insert identical values between sorting fields.

The test will not try all logical combination, but only:

- all sorting fields to the identical sorting value.
- 2 fields (product code sorting order /measure sorting order) with the same sorting value (1).
- 2 fields (product code sorting order /geographical area sorting order) with the same sorting value (2).
- 2 fields (measure sorting order / geographical area sorting order) with the same sorting value (3).

Finally, the test will insert 3 sorting fields with different values.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report with a sorting field which is out of the accepted range (4 is used).

**Transaction 2.** Try to insert a report with all sorting fields set at the same value (1).

**Transaction 3.** Try to insert a report with 2 sorting fields set at the same value (product code sorting order /geographical area sorting order set to 1).

**Transaction 4.** Try to insert a report with 2 sorting fields set at the same value (product code sorting order /geographical area sorting order set to 2).

**Transaction 5.** Try to insert a report with 2 sorting fields set at the same value (measure sorting order / geographical area sorting order set to 3).

**Transaction 6.** Insert a report with all sorting fields set at different values.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message details that a sorting field is limited to value "1","2" or "3".

**Reply to transaction 2.** Status error. The error message details that sorting fields should not have the same value.

**Reply to transaction 3.** Status error. The error message details that sorting fields should not have the same value.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 4. Status error. The error message details that sorting fields should not have the same value.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

### 3.2.1.2.12 *Countries and Country Groups*

#### 3.2.1.2.12.1 *REP\_SUB\_IR\_051 - Countries and Country Groups -Insert invalid set of field*

**Message:** rep\_sub\_ir\_051.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non existing parameters are introduced.  
 In this test, all parameters are set to invalid or non-existing values.  
 It is expected to have an error message for all parameters that are invalid or non-existing.  
 Here is the list of parameters in error, with is associated rules in error:

- data language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- geographical area from: V-RE-GE-U49 Geographical Area Range;
- geographical area to: V-RE-GE-U49 Geographical Area Range;
- header language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- sort by name: V-RE-GE-U21 Sorting information;
- sort by code: V-RE-GE-U21 Sorting information;
- sort by sigle: V-RE-GE-U21 Sorting information.

**Precondition:** The test database must be deployed.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Countries and country groups" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Countries and country groups" report with no values for header language, data language.

**Transaction 3.** Try to insert a "Countries and country groups" report with non-existing values for header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language and data language parameters are mandatory.

**Reply to transaction 3.** Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

**3.2.1.2.12.2** *REP\_SUB\_IR\_052 - Countries and Country Groups -Insert valid set of field (07/16)*

**Message:** rep\_sub\_ir\_052.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:

- snapshot date;
- update date & time from;
- update date & time to;
- sort by sigle;
- stable/unstable indicator;
- \* mandatory
- header language;
- data language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

|  |                     |
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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.12.3**    *REP\_SUB\_IR\_053 - Countries and Country Groups -Insert valid set of field (12/16)*

**Message:**            rep\_sub\_ir\_053.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:

- validity start date from;
- validity start date to;
- validity end date from;
- validity end date to;
- sort by code;
- stable/unstable indicator;
- \* mandatory
- header language;
- data language.

**Precondition:**        The test database must be deployed.

**Content:**                The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**     The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.12.4**    *REP\_SUB\_IR\_055 - Countries and Country Groups -Insert valid set of field (16/16)*

**Message:**            rep\_sub\_ir\_055.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:

- simulation date;
- geographical area from;
- geographical area to;
- sort by name;
- stable/unstable indicator;
- \* mandatory

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- header language;
- data language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report is correctly inserted.

### ***3.2.1.2.12.5 REP\_SUB\_IR\_056 - Countries and Country Groups - VR-REP-REP-10 Sorting field exclusivity***

**Message:** rep\_sub\_ir\_056.xml

**Test purpose:** The aim of this test is to check that only one of the sorting fields is specified.

The report has 3 different sorting orders types:

- sort by name;
- sort by code;
- sort by sigle.

The test will try to insert more than one sorting field.

The test will try to insert:

- all sorting fields at the same time;
- 2 fields (name /code);
- 2 fields (name /sigle);
- 2 fields (code /sigle).

Finally, the test will Insert all sorting fields individually.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report with all sorting fields specified.

**Transaction 2.** Try to insert a report with 2 fields (name /code) specified.

**Transaction 3.** Try to insert a report with 2 fields (name /sigle) specified.

**Transaction 4.** Try to insert a report with 2 fields (code /sigle) specified.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 5. Insert a report with the only sorting field name specified.

Transaction 6. Insert a report with the only sorting field sigle specified.

Transaction 7. Insert a report with the only sorting field code specified.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message details that only one sorting field must be specified.

Reply to transaction 2. Status error. The error message details that only one sorting field must be specified.

Reply to transaction 3. Status error. The error message details that only one sorting field must be specified.

Reply to transaction 4. Status error. The error message details that only one sorting field must be specified.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

**3.2.1.2.13 Country Groups and Constituent Countries**

**3.2.1.2.13.1 REP\_SUB\_IR\_057 - Country Groups and Constituent Countries -Insert invalid set of field**

**Message:** rep\_sub\_ir\_057.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced. In this test, all parameters are set to invalid or non-existing values. It is expected to have an error message for all parameters that are invalid or non-existing. Here is the list of parameters in error, with associated rules in error:

- country group from: V-RE-GE-U49 Geographical Area Range;
- country group to: V-RE-GE-U49 Geographical Area Range;
- data language: V-RE-GE-U59 & [V-RE-GE-U2] &V-RE-GE-U4 Language Code Type;
- header language: V-RE-GE-U59 & [V-RE-GE-U2] &V-RE-GE-U4 Language Code Type;
- simulation date: V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- sort by name: V-RE-GE-U21 Sorting information;

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- sort by code: V-RE-GE-U21 Sorting information.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Country Groups and constituent Countries" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Country Groups and constituent Countries" report with no values for header language and data language.

**Transaction 3.** Try to insert a "Country Groups and constituent Countries" report with non existing values for header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language and data language parameters are mandatory.

**Reply to transaction 3.** Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

### ***3.2.1.2.13.2 REP\_SUB\_IR\_058 - Country Groups and Constituent Countries -Insert valid set of field (5/9)***

**Message:** rep\_sub\_ir\_058.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- country group from;
- country group to;
- sort by code;
- stable/unstable indicator.

\* mandatory fields

- simulation date.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.13.3 *REP\_SUB\_IR\_059 - Country Groups and Constituent Countries -Insert valid set of field (9/9)*

**Message:** rep\_sub\_ir\_059.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- snapshot date;
- header language;
- data language;
- sort by name;
- stable/unstable indicator.

\* mandatory fields

- simulation date.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.13.4 *REP\_SUB\_IR\_061 - Country Groups and Constituent Countries - VR-REP-REP-11 Sorting field exclusivity*

**Message:** rep\_sub\_ir\_061.xml

**Test purpose:** The aim of this test is to check that only one of the sorting fields is specified.

The report has 2 different sorting orders types:

- sort by name;

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- sort by code.

The test will try to insert both of the sorting fields.  
Then, the test will insert all sorting fields individually.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report with 2 fields (name /code) specified.

Transaction 2. Insert a report with the only sorting field name specified.

Transaction 3. Insert a report with the only sorting field code specified.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message details that only one sorting field must be specified.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

### 3.2.1.2.14 *Measure Type Series*

#### 3.2.1.2.14.1 *REP\_SUB\_IR\_062 - Measure Type Series -insert invalid set of field*

**Message:** rep\_sub\_ir\_062.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:

- data language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- header language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Type;  
- validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range  
Type;  
- validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range  
Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Measure Type Series" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Measure Type Series" report with no values for header language, data language.

**Transaction 3.** Try to insert a "Measure Type Series" report with non existing values for header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language and data language parameters are mandatory.

**Reply to transaction 3.** Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

#### 3.2.1.2.14.2 ***REP\_SUB\_IR\_063 - Measure Type Series -insert valid set of field (04/10)***

**Message:** rep\_sub\_ir\_063.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- snapshot date;
- simulation date;
- \*Mandatory fields
- header language;
- data language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.14.3 REP\_SUB\_IR\_064 - Measure Type Series -insert valid set of field (06/10)**

**Message:** rep\_sub\_ir\_064.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, these following parameters have used:  
 - update date & time from;  
 - update date & time to;  
 \*Mandatory fields  
 - header language;  
 - data language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.14.4 REP\_SUB\_IR\_065 - Measure Type Series -insert valid set of field (10/10)**

**Message:** rep\_sub\_ir\_065.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:  
 - validity start date from;  
 - validity start date to;  
 - validity end date from;  
 - validity end date to;  
 \*Mandatory fields  
 - header language;

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- data language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report is correctly inserted.

### 3.2.1.2.15 *Certificates*

#### 3.2.1.2.15.1 *REP\_SUB\_IR\_066 - Certificates -Insert invalid set of field*

**Message:** rep\_sub\_ir\_066.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:

- certificate code from: V-RE-GE-U51 Certificate Code Range;
- certificate code to: V-RE-GE-U51 Certificate Code Range;
- certificate type from: V-RE-GE-U50 Certificate Type Range;
- certificate type to: V-RE-GE-U50 Certificate Type Range;
- data language: V-RE-GE-U59 & [V-RE-GE-U2] &V-RE-GE-U4 Language Code Type;
- header language: V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- history: V-RE-GE-U1 Boolean Type;
- simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Certificates" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Certificates" report with no values for header language.

**Transaction 3.** Try to insert a "Certificates" report with non existing values for header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language is mandatory.

**Reply to transaction 3.** Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

### 3.2.1.2.15.2 *REP\_SUB\_IR\_067 - Certificates -Insert valid set of field (06/15)*

**Message:** rep\_sub\_ir\_067.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- certificate type from;
- certificate type to;
- certificate code from;
- certificate code to;
- simulation date;
- \* mandatory fields
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.15.3 *REP\_SUB\_IR\_068 - Certificates -Insert valid set of field (11/15)*

**Message:** rep\_sub\_ir\_068.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:  
 - snapshot date;  
 - history;  
 - data language;  
 - update date & time from;  
 - update date & time to;  
 \* mandatory fields  
 - header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.15.4 *REP\_SUB\_IR\_069 - Certificates -Insert valid set of field (15/15)*

**Message:** rep\_sub\_ir\_069.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:  
 - validity start date from;  
 - validity start date to;  
 - validity end date from;  
 - validity end date to;  
 \* mandatory fields  
 - header language.

**Precondition:** The test database must be deployed.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.16 *Certificates Cross Reference*

#### 3.2.1.2.16.1 *REP\_SUB\_IR\_070 - Certificates Cross Reference -Insert invalid set of field*

**Message:** rep\_sub\_ir\_070.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
 In this test, all parameters are set to invalid or non-existing values.  
 It is expected to have an error message for all parameters that are invalid or non-existing.  
 Here is the list of parameters in error, with is associated rules in error:

- snapshot date: V-RE-GE-U3 Date Time Type;
- simulation date: V-RE-GE-U59 & V-RE-GE-U2 Date Type;
- certificate type from: V-RE-GE-U50 Certificate Type Range;
- certificate type to: V-RE-GE-U50 Certificate Type Range;
- certificate code from: V-RE-GE-U51 Certificate Code Range;
- certificate code to: V-RE-GE-U51 Certificate Code Range;
- header language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Try to insert a "Certificates Cross Reference" report with all parameters that are invalid.

Transaction 2. Try to insert a "Certificates Cross Refenece" report with no values for header language and simulation date.

Transaction 3. Try to insert a "Certificates Cross Refenece" report with non existing values for header language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists all parameters that

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

are invalid.

Reply to transaction 2. Status error. The error message specifies that header language and simulation date are mandatory.

Reply to transaction 3. Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

### 3.2.1.2.16.2 *REP\_SUB\_IR\_071 - Certificates Cross Reference -Insert valid set of field (6/7)*

**Message:** rep\_sub\_ir\_071.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:

- certificate type from;
- certificate type to;
- certificate code from;
- certificate code to;
- \*Mandatory fields
- simulation date;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.16.3 *REP\_SUB\_IR\_072 - Certificates Cross Reference -Insert valid set of field (7/7)*

**Message:** rep\_sub\_ir\_072.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:

- snapshot date;
- \*Mandatory fields
- simulation date;

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report is correctly inserted.

### 3.2.1.2.17 *Measures Temporarily Stopped*

#### 3.2.1.2.17.1 *REP\_SUB\_IR\_073 - Measures Temporarily Stopped -Insert invalid set of field*

**Message:** rep\_sub\_ir\_073.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
 In this test, all parameters are set to invalid or non-existing values.  
 It is expected to have an error message for all parameters that are invalid or non-existing.  
 Here is the list of parameters in error, with associated rules in error:  
 - snapshot date: V-RE-GE-U3 Date Time Type;  
 - simulation date: V-RE-GE-U59 & V-RE-GE-U2 Date Type;  
 - PTS Regulation: [V-RE-GE-U2] & V-RE-GE-U16 Regulation Identifier;  
 - header language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Measures Temporarily Stopped" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Measures Temporarily Stopped" report with no values for header language and simulation date.

**Transaction 3.** Try to insert a "Measures Temporarily Stopped" report with non existing values for header language and PTS regulation.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

Reply to transaction 2. Status error. The error message specifies that header language and simulation date are mandatory.

Reply to transaction 3. Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

**3.2.1.2.17.2**    *REP\_SUB\_IR\_074 - Measures temporarily stopped -Insert valid set of field (4/4)*

**Message:**            rep\_sub\_ir\_074.xml

**Test purpose:**        The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:  
 - snapshot date;  
 - simulation date;  
 - PTS Regulation;  
 - header language.

**Precondition:**        The test database must be deployed.

**Content:**                The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**        The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.18**            *Measures*

**3.2.1.2.18.1**        *REP\_SUB\_IR\_075 - Measures -Insert invalid set of field*

**Message:**                rep\_sub\_ir\_075.xml

**Test purpose:**        The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
 In this test, all parameters are set to invalid or non-existing values.  
 It is expected to have an error message for all parameters that are invalid or non-existing.

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- Here is the list of parameters in error, with is associated rules in error:
- additional code from: V-RE-GE-U43 Additional Code Range3;
  - additional code sorting order: V-RE-GE-U59 & V-RE-GE-U20 Sorting order;
  - additional code to: V-RE-GE-U43 Additional Code Range
  - certificate code: [V-RE-GE-U2] & V-RE-GE-U27 Certificate code;
  - certificate type: [V-RE-GE-U2] & V-RE-GE-U26 Certificate type;
  - condition type: [V-RE-GE-U2] & V-RE-GE-U30 Measure condition type;
  - data language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
  - duty component: [V-RE-GE-U2] & V-RE-GE-U29 Duty component;
  - excluded area: [V-RE-GE-U2] & V-RE-GE-U25 Geographical area;
  - footnote code from: V-RE-GE-U 47 Additional Code Range;
  - footnote code to: V-RE-GE-U 47 Additional Code Range;
  - footnote type from: V-RE-GE-U 46 Additional Code Range;
  - footnote type to: V-RE-GE-U 46 Additional Code Range;
  - geographical area from: V-RE-GE-U 49 Additional Code Range;
  - geographical area sorting order: V-RE-GE-U59 & V-RE-GE-U20 Sorting order;
  - geographical area to: V-RE-GE-U 49 Additional Code Range;
  - header language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U 4 Language Code Type;;
  - History: V-RE-GE-U59 & V-RE-GE-U1 Boolean Type;
  - measure type from: V-RE-GE-U 48 Additional Code Range;
  - measure type sorting order: V-RE-GE-U59 & V-RE-GE-U20 Sorting order;
  - measure type to: VR-REP-GEN 48 Additional Code Range;
  - order number from: V-RE-GE-U52 Order Number Range;
  - order number sorting order: V-RE-GE-U59 & V-RE-GE-U20 Sorting order;
  - order number to: V-RE-GE-U52 Order Number Range;
  - product code from: V-RE-GE-U40 Goods Nomenclature Range Type;
  - product code sorting order: V-RE-GE-U59 & V-RE-GE-U20 Sorting order;
  - product code to: V-RE-GE-U40 Goods Nomenclature Range Type;
  - reduction pct sorting order: V-RE-GE-U59 & V-RE-GE-U20 Sorting order;
  - regulation sorting order: V-RE-GE-U59 & V-RE-GE-U20 Sorting order;
  - simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;
  - snapshot date: V-RE-GE-U3 Date Time Type;
  - stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
  - start date sorting order: V-RE-GE-U59 & V-RE-GE-U20 Sorting order;
  - Summary: V-RE-GE-U59 & V-RE-GE-U1 Boolean Type;
  - update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
  - update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
  - validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
  - validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
  - validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
  - validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
  - additional code type: [V-RE-GE-U2] & V-RE-GE-U18 Additional Code Type;
  - additional code type from: V-RE-GE-U42 Additional Code Type Range;
  - additional code type to: V-RE-GE-U42 Additional Code Type Range;

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- regulation group: [V-RE-GE-U2] & V-RE-GE-U17 Regulation Group;
- regulation: [V-RE-GE-U2] & V-RE-GE-U16 Regulation Identifier;
- nomenclature group code from: V-RE-GE-U54 Nomenclature Group Code Range;
- nomenclature group code to: V-RE-GE-U54 Nomenclature Group Code Range;
- nomenclature group type from: V-RE-GE-U53 Nomenclature Group Type Range;
- nomenclature group type to: V-RE-GE-U53 Nomenclature Group Type Range.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Measures" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Measures" report with no values for header language, data language, history, summary, measure type sorting order, product code sorting order, geographical area sorting order, regulation sorting order, additional code sorting order, reduction pct sorting order, order number sorting order, start date sorting order.

**Transaction 3.** Try to insert a "Measures" report with non existing values for certificate type, certificate code, additional code type, regulation, excluded area, regulation group, duty component, condition type, header language, data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language, data language, history, summary, measure type sorting order, product code sorting order, geographical area sorting order, regulation sorting order, additional code sorting order, reduction pct sorting order, order number sorting order, start date sorting order are mandatory.

**Reply to transaction 3.** Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

### 3.2.1.2.18.2 *REP\_SUB\_IR\_080 - Measures -Insert valid set of field (06/49)*

**Message:** rep\_sub\_ir\_080.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:  
- additional code type from;

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- additional code type to;
- additional code from;
- additional code to;
- update date time from;
- update date time to;
- stable unstable indicator;
- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.18.3 REP\_SUB\_IR\_081 - Measures -Insert valid set of field (10/49)

**Message:** rep\_sub\_ir\_081.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- additional code type;
- update date time from;
- update date time to;
- stable unstable indicator;
- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;

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- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.18.4 *REP\_SUB\_IR\_082 - Measures -Insert valid set of field (15/49)*

**Message:** rep\_sub\_ir\_082.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- regulation;
- validity start date from;
- validity start date to;
- validity end date from;
- validity end date to;
- stable unstable indicator;
- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

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Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.18.5 REP\_SUB\_IR\_083 - Measures -Insert valid set of field (20/49)**

**Message:** rep\_sub\_ir\_083.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- regulation group;
- validity start date from;
- validity start date to;
- validity end date from;
- validity end date to;
- stable unstable indicator;
- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

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| REPORT                                   |                     |

### 3.2.1.2.18.6 *REP\_SUB\_IR\_084 - Measures -Insert valid set of field (25/49)*

**Message:** rep\_sub\_ir\_084.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- nomenclature group code from;
- nomenclature group code to;
- nomenclature group type from;
- nomenclature group type to;
- simulation date;
- stable unstable indicator;
- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report is correctly inserted.

### 3.2.1.2.18.7 *REP\_SUB\_IR\_085 - Measures -Insert valid set of field (30/49)*

**Message:** rep\_sub\_ir\_085.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- measure type from;
- measure type to;

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- geographical area from;
- geographical area to;
- simulation date;
- stable unstable indicator;
- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.18.8 *REP\_SUB\_IR\_086 - Measures -Insert valid set of field (35/49)*

**Message:** rep\_sub\_ir\_086.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- certificate code;
- certificate type;
- simulation date;
- stable unstable indicator;
- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;

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- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.18.9 *REP\_SUB\_IR\_087 - Measures -Insert valid set of field (40/49)*

**Message:** rep\_sub\_ir\_087.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- footnote code from;
- footnote code to;
- footnote type from;
- footnote type to;
- \*mandatory fields
- simulation date.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.18.10 *REP\_SUB\_IR\_088 - Measures -Insert valid set of field (45/49)*

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**Message:** rep\_sub\_ir\_088.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- condition type;
- duty component;
- excluded area;
- snapshot date;
- simulation date;
- stable unstable indicator;
- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.18.11 REP\_SUB\_IR\_089 - Measures -Insert valid set of field (49/49)

**Message:** rep\_sub\_ir\_089.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- product code from;
- product code to;
- order number from;
- order number to;
- simulation date;
- stable unstable indicator;

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- \*mandatory fields
- header language;
- data language;
- history;
- summary;
- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report is correctly inserted.

### 3.2.1.2.18.12 REP\_SUB\_IR\_090 - Measures - VR-REP-REP-12 sorting fields exclusivity

**Message:** rep\_sub\_ir\_090.xml

**Test purpose:** The aim of this test is to check that the sorting orders fields must be different from one another and limited to the value ("1", "2» ... "8").

The report has 3 different sorting orders types:

- measure type sorting order;
- product code sorting order;
- geographical area sorting order;
- regulation sorting order;
- additional code sorting order;
- reduction pet sorting order;
- order number sorting order;
- start date sorting order.

The test will try to insert an "out of range" value for sorting fields. The value that will be used is "0".

The test will try to insert identical values between sorting fields.

The test will not try all logical combination, but only:

- all sorting fields to same sorting value;

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- 2 fields with the same sorting value (1);
- 3 fields with the same sorting value (2);
- 2 fields with the same sorting value (1) and 2 other fields with the same value (2);
- 8 fields with different values.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report with an out of range sorting value.

Transaction 2. Try to insert a report with all sorting fields set to the same value "1".

Transaction 3. Try to insert a report with 2 sorting fields set to the same value "1".

Transaction 4. Try to insert a report with 3 sorting fields set to the same value "2".

Transaction 5. Try to insert a report with 2 sorting fields set to the same value "1" and 2 sorting fields set to the same value "2".

Transaction 6. Insert a report with 8 sorting fields set to different values.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message details that the sorting value must be limited to value ("1", "2", ... "8").

Reply to transaction 2. Status error. The error message details that the sorting orders fields must be different from one another.

Reply to transaction 3. Status error. The error message details that the sorting orders fields must be different from one another.

Reply to transaction 4. Status error. The error message details that the sorting orders fields must be different from one another.

Reply to transaction 5. Status error. The error message details that the sorting orders fields must be different from one another.

Reply to transaction 6. Status ok. The report is correctly inserted.

***3.2.1.2.18.13 REP\_SUB\_IR\_091 - Measures - VR-REP-REP-13 Measure type: The measure type range fields must not be alone***

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**Message:** rep\_sub\_ir\_091.xml

**Test purpose:** The aim of this test is to check that the "measure type" range field must not be alone.

The test will try to insert the "measure type" range field alone, then with one of all the necessary fields:

- field alone;
- with field geographical area range;
- with field order number range;
- with field footnote type;
- with field footnote number range;
- with field certificate type;
- with field certificate code;
- with field additional code range;
- with field additional code type range;
- with field product range;
- with field regulation;
- with field excluded area;
- with field regulation group;
- with field duty component;
- with field condition type;
- with field nomenclature group range.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report with the only "measure type range" parameter specified.

**Transaction 2.** Insert a report with "measure type range" parameter set and the parameter "geographical area range".

**Transaction 3.** Insert a report with "measure type range" parameter set and the parameter "order number range".

**Transaction 4.** Insert a report with "measure type range" parameter set and the parameter "footnote type".

**Transaction 5.** Insert a report with "measure type range" parameter set and the parameter "footnote number range".

**Transaction 6.** Insert a report with "measure type range" parameter set and the parameter "certificate type".

**Transaction 7.** Insert a report with "measure type range" parameter set and the parameter "certificate code".

**Transaction 8.** Insert a report with "measure type range" parameter set and the parameter "additional code range".

**Transaction 9.** Insert a report with "measure type range" parameter set and the

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parameter "additional code type range".

Transaction 10. Insert a report with "measure type range" parameter set and the parameter "product range".

Transaction 11. Insert a report with "measure type range" parameter set and the parameter "regulation".

Transaction 12. Insert a report with "measure type range" parameter set and the parameter "excluded area".

Transaction 13. Insert a report with "measure type range" parameter set and the parameter "duty component".

Transaction 14. Insert a report with "measure type range" parameter set and the parameter "condition type".

Transaction 15. Insert a report with "measure type range" parameter set and the parameter "nomenclature group range".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message details that the "measure type" range fields must not be alone.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

Reply to transaction 9. Status ok. The report is correctly inserted.

Reply to transaction 10. Status ok. The report is correctly inserted.

Reply to transaction 11. Status ok. The report is correctly inserted.

Reply to transaction 12. Status ok. The report is correctly inserted.

Reply to transaction 13. Status ok. The report is correctly inserted.

Reply to transaction 14. Status ok. The report is correctly inserted.

Reply to transaction 15. Status ok. The report is correctly inserted.

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### 3.2.1.2.18.14 *REP\_SUB\_IR\_092 - Measures - VR-REP-REP-14 Additional code*

**Message:** rep\_sub\_ir\_092.xml

**Test purpose:** The aim of this test is to check that the additional code type and additional code ranges (Additional code type and code ranges) are mutually exclusive.

The test will try to insert the invalid values, then with all valid ones:

- set "additional code type" and additional code ranges;
- set "additional code range" without the "additional code type range" values specified;
- set "additional code range" with the "additional code type range" values specified;
- set "additional code type" alone.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, set "additional code type" and additional code ranges.

**Transaction 2.** Try to insert a report, set "additional code range" without the "additional code type range" values specified.

**Transaction 3.** Insert a report, set "additional code range" with the "additional code type range" values specified.

**Transaction 4.** Insert a report, set "additional code type" alone.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message details that the additional code type and additional code ranges (Additional code type and code ranges) are mutually exclusive.

**Reply to transaction 2.** Status error. The error message details that the additional code type and additional code ranges (Additional code type and code ranges) are mutually exclusive.

**Reply to transaction 3.** Status ok. The report is correctly inserted.

**Reply to transaction 4.** Status ok. The report is correctly inserted.

### 3.2.1.2.18.15 *REP\_SUB\_IR\_093 - Measures - VR-REP-REP-15 Certificate*

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**Message:** rep\_sub\_ir\_093.xml

**Test purpose:** The aim of this test is to check that the Certificate code can only be specified if certificate type is also specified.

The test will try to insert the invalid values, then valid ones:

- "Certificate code" alone;
- "Certificate type" alone;
- both "Certificate type" and "Certificate type".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, set "Certificate code" parameter alone.

**Transaction 2.** Try to insert a report, set "Certificate type" parameter alone.

**Transaction 3.** Insert a report, set both "Certificate type" and "Certificate type" parameters.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message details that the Certificate code can only be specified if certificate type is also specified.

**Reply to transaction 2.** Status error. The error message details that the Certificate code can only be specified if certificate type is also specified.

**Reply to transaction 3.** Status ok. The report is correctly inserted.

### 3.2.1.2.18.16 REP\_SUB\_IR\_094 - Measures - VR-REP-REP-16 Footnote

**Message:** rep\_sub\_ir\_094.xml

**Test purpose:** The aim of this test is to check that the footnote code range can only be specified if footnote type range is also specified.

The test will try to insert the invalid values, then with a valid one:

- "footnote code" range alone;
- "footnote type" range alone;
- both "footnote type" range and "footnote type" range, but with "footnote type from" > "footnote type to";
- both "footnote type" range and "footnote type» range, but with "footnote code from" > "footnote code to";
- both "footnote type" range and "footnote type» range, but with "footnote code from" > "footnote code to" and "footnote type from" > "footnote type to";
- both "footnote type" range and "footnote type» range, but with "footnote type from" = "footnote type to";

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- both "footnote type" range and "footnote type» range, but with "footnote code from" = "footnote code to";
- both "footnote type" range and "footnote type» range, but with "footnote code from" = "footnote code to" and "footnote type from" = "footnote type to";
- both "footnote type" range and "footnote type» range, but with "footnote type from" < "footnote type to";
- both "footnote type" range and "footnote type» range, but with "footnote code from" < "footnote code to";
- both "footnote type" range and "footnote type» range, but with "footnote code from" < "footnote code to" and "footnote type from" = "footnote type to".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, set "footnote code" range alone.

**Transaction 2.** Try to insert a report, set "footnote type" range alone.

**Transaction 3.** Try to insert a report, set both "footnote type" range and "footnote code" range, but with "footnote type from" > "footnote type to".

**Transaction 4.** Try to insert a report, set both "footnote type" range and "footnote code" range, but with "footnote code from" > "footnote code to".

**Transaction 5.** Try to insert a report, set both "footnote type" range and "footnote code" range, but with "footnote code from" > "footnote code to" and "footnote type from" > "footnote type to".

**Transaction 6.** Try to insert a report, set both "footnote type" range and "footnote code" range, but with "footnote type from" = "footnote type to".

**Transaction 7.** Try to insert a report, set both "footnote type" range and "footnote code" range, but with "footnote code from" = "footnote code to".

**Transaction 8.** Try to insert a report, set both "footnote type" range and "footnote code" range, but with "footnote code from" = "footnote code to" and "footnote type from" = "footnote type to".

**Transaction 9.** Insert a report, both "footnote type" range and "footnote code" range, but with "footnote code from" < "footnote code to" and "footnote type from" < "footnote type to".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message details that the footnote code range can only be specified if footnote type range is also specified.

**Reply to transaction 2.** Status ok. The report is correctly inserted.

**Reply to transaction 3.** Status error. The error message details that the footnote code range can only be specified if footnote type range is also specified.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
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Reply to transaction 4. Status error. The error message details that the footnote code range can only be specified if footnote type range is also specified.

Reply to transaction 5. Status error. The error message details that the footnote code range can only be specified if footnote type range is also specified.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status error. The error message details that the "footnote code" range can only be specified if "footnote type" range is also specified. Moreover, the combination of the "footnote type from" and "footnote code from" must be less than the combination "footnote type to" and "footnote code to".

Reply to transaction 9. Status ok. The report is correctly inserted.

### 3.2.1.2.18.17 *REP\_SUB\_IR\_095 - Measures - VR-REP-REP-17 Additional code ranges*

**Message:** rep\_sub\_ir\_095.xml

**Test purpose:** The aim of this test is to check that the combination of the "additional code type from" and "additional code from" must be less than the combination "additional code type to" and "additional code to".

The test will try to insert the invalid values, then with a valid one:

- "additional code type from" > "additional code type to" and "additional code type from" > "additional code type to";
- "additional code type from" > "additional code type to" and "additional code type from" < "additional code type to";
- "additional code type from" < "additional code type to" and "additional code type from" > "additional code type to";
- "additional code type from" > "additional code type to";
- "additional code type from" = "additional code type to";
- "additional code from" > "additional code to";
- "additional code from" = "additional code to";
- "additional code from" < "additional code to";
- "additional code from" < "additional code to";
- "additional code type from" < "additional code type to" and "additional code type from" < "additional code type to".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, set parameters: "additional code type from" > "additional code type to" and "additional code from" > "additional code to".

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Transaction 2. Try to insert a report, set parameters: "additional code type from" > "additional code type to" and "additional code from" < "additional code to".

Transaction 3. Try to insert a report, set parameters: "additional code type from" < "additional code type to" and "additional code from" > "additional code to".

Transaction 4. Try to insert a report, set parameters: "additional code type from" > "additional code type to".

Transaction 5. Try to insert a report, set parameters: "additional code type from" = "additional code type to".

Transaction 6. Try to insert a report, set parameters: "additional code from" > "additional code to".

Transaction 7. Try to insert a report, set parameters: "additional code from" = "additional code to".

Transaction 8. Insert a report, set parameters: "additional code type from" < "additional code to".

Transaction 9. Insert a report, set parameters: "additional code from" < "additional code to".

Transaction 10. Insert a report, set parameters: "additional code type from" < "additional code type to" and "additional code from" < "additional code to".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message details that the combination of the "additional code type from" and "additional code from" must be less than the combination "additional code type to" and "additional code to".

Reply to transaction 2. Status error. The error message details that the combination of the "additional code type from" and "additional code from" must be less than the combination "additional code type to" and "additional code to".

Reply to transaction 3. Status error. The error message details that the combination of the "additional code type from" and "additional code from" must be less than the combination "additional code type to" and "additional code to".

Reply to transaction 4. Status error. The error message details that the combination of the "additional code type from" and "additional code from" must be less than the combination "additional code type to" and "additional code to".

Reply to transaction 5. Status error. The error message details that the combination of the "additional code type from" and "additional code from"

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must be less than the combination "additional code type to" and "additional code to".

Reply to transaction 6. Status error. The error message details that the combination of the "additional code type from" and "additional code from" must be less than the combination "additional code type to" and "additional code to".

Reply to transaction 7. Status error. The error message details that the combination of the "additional code type from" and "additional code from" must be less than the combination "additional code type to" and "additional code to".

Reply to transaction 8. Status ok. The report is correctly inserted.

Reply to transaction 9. Status ok. The report is correctly inserted.

Reply to transaction 10. Status ok. The report is correctly inserted.

### 3.2.1.2.18.18 *REP\_SUB\_IR\_096 - Measures - VR-REP-REP-18 Regulation*

**Message:** rep\_sub\_ir\_096.xml

**Test purpose:** The aim of this test is to check that "Regulation" and "regulation group" are mutually exclusive fields.

The test will try to insert the invalid values, then a valid one:

- set "regulation" and "regulation group";
- set "regulation" without "regulation group";
- set "regulation group" without "regulation".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, set parameters: "regulation" and "regulation group"

Transaction 2. Insert a report, set parameters: "regulation" without "regulation group"

Transaction 3. Insert a report, set parameters: "regulation group" without "regulation"

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message details that "regulation" and "regulation group" are mutually exclusive fields.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

### ***3.2.1.2.18.19 REP\_SUB\_IR\_097 - Measures - VR-REP-REP-19 Nomenclature and regulation groups***

**Message:** rep\_sub\_ir\_097.xml

**Test purpose:** The aim of this test is to check that "Nomenclature group" and "Regulation group" are mutually exclusive fields.

The test will try to insert the invalid values, then a valid one:

- set "Nomenclature group" ranges and "Regulation group";
- set "Nomenclature group" without "Regulation group";
- set "Regulation group" without "Nomenclature group".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, set parameters: "Nomenclature group" and "Regulation group".

Transaction 2. Insert a report, set parameters: "Nomenclature group" without "Regulation group".

Transaction 3. Insert a report, set parameters: "Regulation group" without "Nomenclature group".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message details that "Nomenclature group" and "Regulation group" are mutually exclusive fields.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

### ***3.2.1.2.18.20 REP\_SUB\_IR\_098 - Measures - VR-REP-REP-20 Geographical area if both geographical area and excluded area are entered***

**Message:** rep\_sub\_ir\_098.xml

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to check that if both geographical area and excluded area are entered, then the geographical area must be a group and the excluded area must be a country.

The test will try to insert the invalid values, then a valid one:

- set "geographical area" as a country and "excluded area" as a country;
- set "geographical area" as a country and "excluded area" as a group;
- set "geographical area" as a group and "excluded area" as a group;
- set "geographical area" as a group and "excluded area" as a country.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, set parameters: "geographical area" as a country and "excluded area" as a country.

**Transaction 2.** Insert a report, set parameters: "geographical area" as a country and "excluded area" as a group.

**Transaction 3.** Insert a report, set parameters: "geographical area" as a group and "excluded area" as a group.

**Transaction 4.** Insert a report, set parameters: "geographical area" as a group and "excluded area" as a country.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message details that if both geographical area and excluded area are entered, then the geographical area must be a group and the excluded area must be a country.

**Reply to transaction 2.** Status error. The error message details that if both geographical area and excluded area are entered, then the geographical area must be a group and the excluded area must be a country.

**Reply to transaction 3.** Status error. The error message details that if both geographical area and excluded area are entered, then the geographical area must be a group and the excluded area must be a country.

**Reply to transaction 4.** Status ok. The report is correctly inserted.

### **3.2.1.2.19 Measures Applicable to a Goods Code Range**

#### **3.2.1.2.19.1 REP\_SUB\_IR\_099 - Measures Applicable to a Goods Code Range -Insert invalid set of field**

**Message:** rep\_sub\_ir\_099.xml

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test, all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:  
- geographical area: V-RE-GE-U49 Geographical Area Range;  
- header language: V-RE-GE-U59 & [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;  
- history: V-RE-GE-U59 & V-RE-GE-U1 Boolean Type;  
- product code from: V-RE-GE-U59 & V-RE-GE-U40 Goods Nomenclature Range Type;  
- product code to: V-RE-GE-U59 & V-RE-GE-U40 Goods Nomenclature Range Type;  
- simulation date: V-RE-GE-U59 & V-RE-GE-U2 Date Type;  
- snapshot date: V-RE-GE-U3 Date Time Type;  
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Measures Applicable to a Goods Code Range" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Measures Applicable to a Goods Code Range" report with no values for header language, history, product code from, product code to, simulation date.

**Transaction 3.** Try to insert a "Measures Applicable to a Goods Code Range" report with non existing values for header language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header languages, history, product code from, product code to, simulation date are mandatory.

**Reply to transaction 3.** Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

**3.2.1.2.19.2 REP\_SUB\_IR\_100 - Measures Applicable to a Goods Code Range -Insert valid set of field (4/8)**

**Message:** rep\_sub\_ir\_100.xml

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- snapshot date;
- stable/unstable indicator.

\*Mandatory fields

- simulation date;
- product code from;
- product code to;
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted

### ***3.2.1.2.19.3 REP\_SUB\_IR\_101 - Measures Applicable to a Goods Code Range -Insert valid set of field (8/8)***

**Message:** rep\_sub\_ir\_101.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- geographical area;
- simulation date;
- stable/unstable indicator;
- product code from;
- product code to;
- header language;
- history.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected** The message is composed of transactions and the status that reply to the

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**output:** original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted

### 3.2.1.2.20 *Transmission Comments*

#### 3.2.1.2.20.1 *REP\_SUB\_IR\_102 - Transmission Comments -Insert invalid set of field*

**Message:** rep\_sub\_ir\_102.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test, all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with is associated rules in error:

- data language: [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- extraction period from: V-RE-GE-U55 Extraction Period Range;
- extraction period to: V-RE-GE-U55 Extraction Period Range;
- header language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- keyword: no rules;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- transmission comment code from: V-RE-GE-U37 Ranges constraints;
- transmission comment code to: V-RE-GE-U37 Ranges constraints;
- transmission date from: V-RE-GE-U38 Period Date Range Type;
- transmission date to: V-RE-GE-U38 Period Date Range Type;
- update date & time from: V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U39 Period Date-Time Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 4. Try to insert a "Transmission comments" report with all parameters that are invalid.

Transaction 5. Try to insert a "Transmission comments" report with no values for header language.

Transaction 6. Try to insert a "Transmission comments" report with non existing values for header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

Reply to transaction 2. Status error. The error message specifies that header language is mandatory.

Reply to transaction 3. Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

### 3.2.1.2.20.2 *REP\_SUB\_IR\_103 - Transmission Comments -Insert valid set of field (04/12)*

**Message:** rep\_sub\_ir\_103.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:

- snapshot date;
- update date & time from;
- update date & time to;
- stable unstable indicator.

\*Mandatory fields  
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.20.3 *REP\_SUB\_IR\_104 - Transmission Comments -Insert valid set of field (08/12)*

**Message:** rep\_sub\_ir\_104.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:

- transmission comment code from;
- transmission comment code to;
- transmission date from;

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- transmission date to;
- stable unstable indicator.
- \*Mandatory fields
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.20.4 *REP\_SUB\_IR\_105 - Transmission Comments -Insert valid set of field (12/12)*

**Message:** rep\_sub\_ir\_105.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- extraction period from;
- extraction period to;
- keyword;
- data language;
- stable unstable indicator.

- \*Mandatory fields
- stable unstable indicator;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.2.21 *Export Refund Nomenclature*

#### 3.2.1.2.21.1 *REP\_SUB\_IR\_106 - Export Refund Nomenclature -Insert invalid set of field*

**Message:** rep\_sub\_ir\_106.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
 In this test, all parameters are set to invalid or non-existing values.  
 It is expected to have an error message for all parameters that are invalid or non-existing.  
 Here is the list of parameters in error, with is associated rules in error:

- additional code from: V-RE-GE-U43 Additional Code Range;
- additional code to: V-RE-GE-U43 Additional Code Range;
- additional code type from: V-RE-GE-U42 Additional Code Type Range;
- additional code type to: V-RE-GE-U42 Additional Code Type Range;
- data language: V-RE-GE-U4 Language Code Type;
- footnote language: V-RE-GE-U4 Language Code Type;
- header language: V-RE-GE-U4 Language Code Type;
- nomenclature group code from: V-RE-GE-U56 Nomenclature Group Code Range;
- nomenclature group code to: V-RE-GE-U56 Nomenclature Group Code Range;
- product code from: V-RE-GE-U67 Goods Nomenclature Range Type;
- product code to: V-RE-GE-U67 Goods Nomenclature Range Type;
- simulation date: V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type;
- stable/unstable indicator: V-RE-GE-U14 Record Stable Type;
- update date & time from: V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U39 Period Date-Time Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert an "Export Refund Nomenclature" report with all parameters that are invalid.

**Transaction 2.** Try to insert an "Export Refund Nomenclature" report with no values for header language.

**Transaction 3.** Try to insert an "Export Refund Nomenclature" report with non existing values for header language and data language, footnote language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 2. Status error. The error message specifies that header language is mandatory.

Reply to transaction 3. Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

**3.2.1.2.21.2 REP\_SUB\_IR\_107 - Export Refund Nomenclature -Insert valid set of field (04/16)**

**Message:** rep\_sub\_ir\_107.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- snapshot date;
- simulation date;
- update date & time from;
- update date & time to;
- stable unstable indicator.

\*Mandatory fields

- header language.
- footnote language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.21.3 REP\_SUB\_IR\_108 - Export Refund Nomenclature -Insert valid set of field (08/16)**

**Message:** rep\_sub\_ir\_108.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- nomenclature group code from;
- nomenclature group code to;

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- product code from;
- product code to;
- stable unstable indicator.

- \*Mandatory fields
- header language.
- footnote language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.21.4 *REP\_SUB\_IR\_109 - Export Refund Nomenclature -Insert valid set of field (12/16)*

**Message:** rep\_sub\_ir\_109.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- additional code type from;
- additional code type to;
- additional code from;
- additional code to;
- stable unstable indicator.

- \*Mandatory fields
- header language.
- footnote language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**3.2.1.2.21.5 REP\_SUB\_IR\_110 - Export Refund Nomenclature -Insert valid set of field (16/16)**

**Message:** rep\_sub\_ir\_110.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- data language;
- footnote language;
- stable unstable indicator.

\*Mandatory fields

- header language.
- footnote language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.22 Business Codes**

**3.2.1.2.22.1 REP\_SUB\_IR\_111 - Business Codes -Insert invalid set of field**

**Message:** rep\_sub\_ir\_111.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.

In this test all parameters are set to invalid or non-existing values.

It is expected to have an error message for all parameters that are invalid or non-existing.

Here is the list of parameters in error, with associated rules in error:

- data language: [V-RE-GE-U2] & V-RE-GE-U4 Language Code Type;
- header language: [V-RE-GE-U2] & V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;
- record type: V-RE-GE-U32 Business code record type;
- simulation date: V-RE-GE-U59 & V-RE-GE-U2 Date Type;
- snapshot date: V-RE-GE-U3 Date Time Type.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Business Codes" report with all parameters that are invalid.

**Transaction 2.** Try to insert a "Business Codes" report with no values for header language and simulation date.

**Transaction 3.** Try to insert a "Business Codes" report with non existing values for header language and data language.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status error. The error message specifies that header language and simulation date are mandatory.

**Reply to transaction 3.** Status error. The error message lists specifies that if a value of specified type is provided it must exists in the database.

### 3.2.1.2.22.2 *REP\_SUB\_IR\_112 - Business Codes -Insert valid set of field (5/5)*

**Message:** rep\_sub\_ir\_112.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- snapshot date;
- record type;
- data language;
- \*Mandatory fields
- simulation date;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status ok. The report is correctly inserted.

**3.2.1.2.22.3 REP\_SUB\_IR\_113 - Business Codes - VR-REP-REP-22 Restriction: Record type**

**Message:** rep\_sub\_ir\_113.xml

**Test purpose:** The aim of this test is to verify that the only record type that are accepted are those listed in the validation rule "VR-REP-REP-22 Restriction: Record type". In this test, first a bad value is tested, then all values that should be valid.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a manual report with a report type parameter with this value: 00000.

Transaction 2. Insert a manual report with a report type parameter with this value: 12000.

Transaction 3. Insert a manual report with a report type parameter with this value: 23500.

Transaction 4. Insert a manual report with a report type parameter with this value: 10000.

Transaction 5. Insert a manual report with a report type parameter with this value: 11000.

Transaction 6. Insert a manual report with a report type parameter with this value: 12000.

Transaction 7. Insert a manual report with a report type parameter with this value: 13000.

Transaction 8. Insert a manual report with a report type parameter with this value: 14000.

Transaction 9. Insert a manual report with a report type parameter with this value: 15000.

Transaction 10. Insert a manual report with a report type parameter with this value: 16000.

Transaction 11. Insert a manual report with a report type parameter with this value: 21000.

Transaction 12. Insert a manual report with a report type parameter with this

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| REPORT                                   |                     |

value: 21500.

Transaction 13. Insert a manual report with a report type parameter with this value: 22000.

Transaction 14. Insert a manual report with a report type parameter with this value: 22500.

Transaction 15. Insert a manual report with a report type parameter with this value: 23000.

Transaction 16. Insert a manual report with a report type parameter with this value: 35000.

Transaction 17. Insert a manual report with a report type parameter with this value: 35500.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message mentions that the record type has a wrong type.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

Reply to transaction 9. Status ok. The report is correctly inserted.

Reply to transaction 10. Status ok. The report is correctly inserted.

Reply to transaction 11. Status ok. The report is correctly inserted.

Reply to transaction 12. Status ok. The report is correctly inserted.

Reply to transaction 13. Status ok. The report is correctly inserted.

Reply to transaction 14. Status ok. The report is correctly inserted.

Reply to transaction 15. Status ok. The report is correctly inserted.

Reply to transaction 16. Status ok. The report is correctly inserted.

Reply to transaction 17. Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.2.23 *Publication sigles*

#### 3.2.1.2.23.1 *REP\_SUB\_IR\_114 - Publication sigles -Insert invalid set of field*

**Message:** rep\_sub\_ir\_114.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid parameters are introduced.  
 In this test, all parameters are set to invalid values.  
 It is expected to have an error message for all parameters that are invalid.  
 Here is the list of parameters in error, with is associated rules in error:

- Publication sigle code from: V-RE-GE-U58 Publication Sigle Code Range;
- Publication sigle code to: V-RE-GE-U58 Publication Sigle Code Range;
- Publication sigle code type from: V-RE-GE-U57 Publication Sigle Code Type Range;
- Publication sigle code type to: V-RE-GE-U57 Publication Sigle Code Type Range;
- simulation date: V-RE-GE-U62 & V-RE-GE-U2 Date Type;
- update date & time from: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- update date & time to: V-RE-GE-U62 & V-RE-GE-U39 Period Date-Time Range Type;
- validity end date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity end date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date from: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type;
- validity start date to: V-RE-GE-U62 & V-RE-GE-U38 Period Date Range Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

**Transaction 1.** Try to insert a "Publication sigles" report with all parameters that are invalid.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

#### 3.2.1.2.23.2 *REP\_SUB\_IR\_115 - Publication sigles -Insert valid set of field (04/11)*

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_sub\_ir\_115.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:  
 - validity start date from;  
 - validity start date to;  
 - validity end date from;  
 - validity end date to.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

### 3.2.1.2.23.3 *REP\_SUB\_IR\_116 - Publication sigles -Insert valid set of field (08/11)*

**Message:** rep\_sub\_ir\_116.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
 In this test, we use following parameters:  
 - Publication sigle code type from;  
 - Publication sigle code type to;  
 - Publication sigle code from;  
 - Publication sigle code to;  
 - simulation date.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

#### 3.2.1.2.23.4 *REP\_SUB\_IR\_117 - Publication sigles -Insert valid set of field (11/11)*

**Message:** rep\_sub\_ir\_117.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.  
In this test, we use following parameters:  
- update date & time from;  
- update date & time to.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

#### 3.2.1.2.24 *TARIC Codes*

##### 3.2.1.2.24.1 *REP\_SUB\_IR\_118 – TARIC Codes -Insert invalid set of field*

**Message:** rep\_sub\_ir\_118.xml

**Test purpose:** The aim of this test is to verify that the system rejects report submission when some invalid or non-existing parameters are introduced.  
In this test all parameters are set to invalid or non-existing values.  
It is expected to have an error message for all parameters that are invalid or non-existing.  
Here is the list of parameters in error, with associated rules in error:  
- data language: [V-RE-GE-U2], V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;  
- header language: [V-RE-GE-U2], V-RE-GE-U59 & V-RE-GE-U4 Language Code Type;  
- simulation date: V-RE-GE-U59 & V-RE-GE-U2 Date Type;  
- snapshot date: V-RE-GE-U3 Date Time Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Try to insert a "TARIC Codes" report with all parameters that are invalid.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 2. Try to insert a "TARIC Codes" report with no values for header language, data language and simulation date.

Transaction 3. Try to insert a "TARIC Codes" report with non existing values for header language and data language.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

Reply to transaction 2. Status error. The error message specifies that header language and simulation date are mandatory. "Empty values" are not accepted.

Reply to transaction 3. Status error. The error message lists specifies that if a value of specified type is provided, it must exists in the database.

**3.2.1.2.24.2 REP\_SUB\_IR\_119 – TARIC Codes -Insert valid set of field (5/5)**

**Message:** rep\_sub\_ir\_119.xml

**Test purpose:** The aim of this test is to verify that the system accepts the report submission, if delivered fields are valid.

In this test, we use following parameters:

- snapshot date;
- \*Mandatory fields
- simulation date;
- data language;
- header language.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transaction:

Transaction 1. Insert a report with just mandatory fields with valid value (see test case description).

Transaction 2. Insert a report with all possible criteria. All the fields have a valid value.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.3. Generic validation rules

#### 3.2.1.3.1 REP\_SUB\_VR\_01 - V-RE-GE-UI Boolean Type

**Message:** rep\_sub\_vr\_01.xml

**Test purpose:** The aim of this test is to check that a Boolean value is represented by a single digit with values "0" representing false and "1" representing true.

This rule will be tested with the Insertion of the report "Additional Codes" and its parameter "regulation approved flag".

In this test, first a "true" and a "false" value will be inserted, and then "non Boolean" values.

Here is the list of non Boolean values that will be used:

-true;  
-false;  
-TRUE;  
-FALSE;  
-2.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a report with the "regulation approved flag" equals to "1".

Transaction 2. Insert a report with the "regulation approved flag" equals to "0".

Transaction 3. Try to insert a report with the "regulation approved flag" equals to "true".

Transaction 4. Try to insert a report with the "regulation approved flag" equals to "false".

Transaction 5. Try to insert a report with the "regulation approved flag" equals to "TRUE".

Transaction 6. Try to insert a report with the "regulation approved flag" equals to "FALSE".

Transaction 7. Try to insert a report with the "regulation approved flag" equals to "2".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status error. The error message details that the Boolean

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| REPORT                                   |                     |

format is not correct.

Reply to transaction 4. Status error. The error message details that the Boolean format is not correct.

Reply to transaction 5. Status error. The error message details that the Boolean format is not correct.

Reply to transaction 6. Status error. The error message details that the Boolean format is not correct.

Reply to transaction 7. Status error. The error message details that the Boolean format is not correct.

### 3.2.1.3.2 *REP\_SUB\_VR\_02 - V-RE-GE-U2 Date Type*

**Message:** rep\_sub\_vr\_02.xml

**Test purpose:** The aim of this test is to check that the representation of a date is in the format: "YYYY-MM-DD" defined according to [ISO8601].

The report that used to test this rule is "Transmission Comments", along with the parameter "simulation date".

During this test, the rule will use correct values, then invalid ones:

- "YYYY-MM-DD", with a wrong month number;
- "YYYY-MM-DD", with a wrong day number;
- "DD-MM-YYYY";
- "DD-MM-YY";
- "YY-MM-DD";
- "YYYYYY-M-D".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a report, with the "simulation date" parameter set to "YYYY-MM-DD".

Transaction 2. Insert a report, with the "simulation date" parameter set to "YYYY-MM-DD" with a wrong month number.

Transaction 3. Insert a report, with the "simulation date" parameter set to "YYYY-MM-DD", with a wrong day number.

Transaction 4. Insert a report, with the "simulation date" parameter set to "DD-MM-YYYY".

Transaction 5. Insert a report, with the "simulation date" parameter set to "DD-

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| REPORT                                   |                     |

MM-YY".

Transaction 6. Insert a report, with the "simulation date" parameter set to "YY-MM-DD".

Transaction 7. Insert a report, with the "simulation date" parameter set to "YYYY-M-D".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status error. The error message indicates that the date format is not correct.

Reply to transaction 3. Status error. The error message indicates that the date format is not correct.

Reply to transaction 4. Status error. The error message indicates that the date format is not correct.

Reply to transaction 5. Status error. The error message indicates that the date format is not correct.

Reply to transaction 6. Status error. The error message indicates that the date format is not correct.

Reply to transaction 7. Status error. The error message indicates that the date format is not correct.

**3.2.1.3.3 REP\_SUB\_VR\_03 - V-RE-GE-U3 Date Time Type**

**Message:** rep\_sub\_vr\_03.xml

**Test purpose:** The aim of this test is to check that the representation of a date-time is in the format: YYYY-MM-DDThh-mm-ss defined according to [ISO8601].

This rule will be tested by using the rule "V-RE-GE-U39" and the "Transmission Comments" report, with the parameter "update date and time from".

During this test, the rule will use correct values, then invalid ones:

- YYYY-MM-DDHh-mm-ss;
- YYYY-MM-DD hh-mm-ss;
- YYYY-MM-DD.

**Precondition:** The test database must be deployed.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Insert a report, with the "update date and time from" parameter set to "YYYY-MM-DDThh-mm-ss".

**Transaction 2.** Try to insert a report, with the "update date and time from" parameter set to "YYYY-MM-DDHhh-mm-ss".

**Transaction 3.** Try to insert a report, with the "update date and time from" parameter set to "YYYY-MM-DD hh-mm-ss".

**Transaction 4.** Try to insert a report, with the "update date and time from" parameter set to "YYYY-MM-DD".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report is correctly inserted.

**Reply to transaction 2.** Status error. The error message indicates that the date time format is not correct.

**Reply to transaction 3.** Status error. The error message indicates that the date time format is not correct.

**Reply to transaction 4.** Status error. The error message indicates that the date time format is not correct.

#### 3.2.1.3.4 *REP\_SUB\_VR\_04 - V-RE-GE-U4 Language Code Type*

**Message:** rep\_sub\_vr\_04.xml

**Test purpose:** The aim of this test is to check that a language code has two characters as defined by [ISO639] but in upper cases instead of lower cases.

This rule will be tested with the "Transmission Comments" and the "header language" parameter.

During this test, the rule will use valid values, then invalid ones:

- "EN" correct;
- "en";
- "ENG";
- "eng";
- "E";
- "e".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 1. Insert a report, with "header language" parameter set to "EN".

Transaction 2. Try to insert a report with "header language" parameter set to "en".

Transaction 3. Try to insert a report with "header language" parameter set to "eng".

Transaction 4. Try to insert a report with "header language" parameter set to "ENG".

Transaction 5. Try to insert a report with "header language" parameter set to "E".

Transaction 6. Try to insert a report with "header language" parameter set to "e".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status error. The error message details that the language code is not correct.

Reply to transaction 3. Status error. The error message details that the language code is not correct.

Reply to transaction 4. Status error. The error message details that the language code is not correct.

Reply to transaction 5. Status error. The error message details that the language code is not correct.

Reply to transaction 6. Status error. The error message details that the language code is not correct.

**3.2.1.3.5 REP\_SUB\_VR\_07 - V-RE-GE-U7 Goods Nomenclature Type**

**Message:** rep\_sub\_vr\_07.xml

**Test purpose:** The aim of this test is to check that a good nomenclature is a ten-digit value, with values between 0100000000 and 9999999999.

This rule will be tested by using the "Selected Nomenclature" report and the parameter "product code from".

During this test, the rule will use 3 correct values and invalid ones:

- 0100000000;
- 0555555555;
- 9999999999;
- 0000000000;

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- 00000000;
- 0000000000000;
- 100000000.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a report, with "product code from" set to "0100000000".

Transaction 2. Insert a report, with "product code from" set to "0555555555".

Transaction 3. Insert a report, with "product code from" set to "9999999999".

Transaction 4. Try to insert a report, with "product code from" set to "0000000000".

Transaction 5. Try to insert a report, with "product code from" set to "2222222222".

Transaction 6. Try to insert a report, with "product code from" set to "2222222222".

Transaction 7. Try to insert a report, with "product code from" set to "1000000000".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status error. The error message details that the nomenclature type is not correct.

Reply to transaction 5. Status error. The error message details that the nomenclature type is not correct.

Reply to transaction 6. Status error. The error message details that the nomenclature type is not correct.

Reply to transaction 7. Status error. The error message details that the nomenclature type is not correct.

**3.2.1.3.6 REP\_SUB\_VR\_08 - V-RE-GE-U8 Chapter Type**

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_sub\_vr\_08.xml

**Test purpose:** The aim of this test is to check that a “Chapter type” is a two-digit value interval between 01 and 99 with 77 excluded.

This rule will be tested by using "Nomenclature by group" report and "chapter" parameter.

During this test, the rule will use 3 valid values, then invalid ones:

-01;  
-99;  
-55;  
-0;  
-100;  
-77;  
-A.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a report, with "chapter" parameter set to "01".

Transaction 2. Insert a report, with "chapter" parameter set to "99".

Transaction 3. Insert a report, with "chapter" parameter set to "55".

Transaction 4. Try to insert a report, with "chapter" parameter set to "0".

Transaction 5. Try to insert a report, with "chapter" parameter set to "100".

Transaction 6. Try to insert a report, with "chapter" parameter set to "77".

Transaction 7. Try to insert a report, with "chapter" parameter set to "A".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status error. The status details that the chapter is not correct.

Reply to transaction 5. Status error. The status details that the chapter is not correct.

Reply to transaction 6. Status error. The status details that the chapter is not correct.

Reply to transaction 7. Status error. The status details that the chapter is not

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

correct.

### 3.2.1.3.7 *REP\_SUB\_VR\_09 - V-RE-GE-U9 Nomenclature Group Type*

**Message:** rep\_sub\_vr\_09.xml

**Test purpose:** The aim of this test is to check that a nomenclature group type is a single character code.

This rule will be tested by using "Nomenclature by group" report and "nomenclature group type" parameter.

During this test, the rule will use 3 valid values, then invalid ones:

-a;  
-A;  
-O;  
-AZ;  
-empty;  
-az.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Insert a report, with "nomenclature group type" parameter set to "a".

**Transaction 2.** Insert a report, with "nomenclature group type" parameter set to "A".

**Transaction 3.** Insert a report, with "nomenclature group type" parameter set to "0".

**Transaction 4.** Try to insert a report, with "nomenclature group type" parameter set to "AZ".

**Transaction 5.** Try to insert a report, with "nomenclature group type" parameter set to "".

**Transaction 6.** Try to insert a report, with "nomenclature group type" parameter set to "az".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The report is correctly inserted.

**Reply to transaction 2.** Status ok. The report is correctly inserted.

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Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status error. The status details that the nomenclature group type is not correct.

Reply to transaction 5. Status error. The status details that the nomenclature group type is not correct.

Reply to transaction 6. Status error. The status details that the nomenclature group type is not correct.

### 3.2.1.3.8 *REP\_SUB\_VR\_10 - V-RE-GE-U10 Nomenclature Group Code*

**Message:** rep\_sub\_vr\_10.xml

**Test purpose:** The aim of this test is to check that a nomenclature group code is a six-character code.

The rule will be tested by using "Nomenclature by group" report and "nomenclature group code" parameter.

During this test, the rule will use 3 valid values, then invalid ones:

-abcdef;  
-GHIJKL;  
-012345;  
-12;  
-0123456;  
-A1A1A1A1.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a report, with "nomenclature group code" parameter set to "abcdef".

Transaction 2. Insert a report, with "nomenclature group code" parameter set to "GHIJKL".

Transaction 3. Insert a report, with "nomenclature group code" parameter set to "012345".

Transaction 4. Try to insert a report, with "nomenclature group code" parameter set to "12".

Transaction 5. Try to insert a report, with "nomenclature group code" parameter set to "0123456".

Transaction 6. Try to insert a report, with "nomenclature group code"

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parameter set to "A1A1A1A1".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status error. The status details that the nomenclature group code is not correct.

Reply to transaction 5. Status error. The status details that the nomenclature group code is not correct.

Reply to transaction 6. Status error. The status details that the nomenclature group code is not correct.

**3.2.1.3.9 REP\_SUB\_VR\_11 - V-RE-GE-U11 Nomenclature Code Level**

**Message:** rep\_sub\_vr\_11.xml

**Test purpose:** The aim of this test is to check that a nomenclature code level is a two-digit value whose value is limited to 02 (Chapter), 04 (HS heading), 06 (HS subheading), 08 (CN), 10 (TARIC).

The rule will be tested by using "Nomenclature Code Changes" report and "nomenclature code level" parameter.

During this test, the rule will use invalid values, then all valid values will be inserted:

- 00;
- 03;
- 05;
- 07;
- 09;
- 11;
- 0;
- A ;
- aa.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "nomenclature code level" parameter set to "00".

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| REPORT                                   |                     |

Transaction 2. Try to insert a report, with "nomenclature code level" parameter set to "03".

Transaction 3. Try to insert a report, with "nomenclature code level" parameter set to "05".

Transaction 4. Try to insert a report, with "nomenclature code level" parameter set to "07".

Transaction 5. Try to insert a report, with "nomenclature code level" parameter set to "09".

Transaction 6. Try to insert a report, with "nomenclature code level" parameter set to "11".

Transaction 7. Try to insert a report, with "nomenclature code level" parameter set to "0".

Transaction 8. Try to insert a report, with "nomenclature code level" parameter set to "A".

Transaction 9. Try to insert a report, with "nomenclature code level" parameter set to "aa".

Transaction 10. Insert a report, with "nomenclature code level" parameter set to "02".

Transaction 11. Insert a report, with "nomenclature code level" parameter set to "04".

Transaction 12. Insert a report, with "nomenclature code level" parameter set to "06".

Transaction 13. Insert a report, with "nomenclature code level" parameter set to "08".

Transaction 14. Insert a report, with "nomenclature code level" parameter set to "10".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the nomenclature code type is not correct.

Reply to transaction 2. Status error. The status details that the nomenclature code type is not correct.

Reply to transaction 3. Status error. The status details that the nomenclature code type is not correct.

Reply to transaction 4. Status error. The status details that the nomenclature code type is not correct.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 5. Status error. The status details that the nomenclature code type is not correct.

Reply to transaction 6. Status error. The status details that the nomenclature code type is not correct.

Reply to transaction 7. Status error. The status details that the nomenclature code type is not correct.

Reply to transaction 8. Status error. The status details that the nomenclature code type is not correct.

Reply to transaction 9. Status error. The status details that the nomenclature code type is not correct.

Reply to transaction 10. Status ok. The report is correctly inserted.

Reply to transaction 11. Status ok. The report is correctly inserted.

Reply to transaction 12. Status ok. The report is correctly inserted.

Reply to transaction 13. Status ok. The report is correctly inserted.

Reply to transaction 14. Status ok. The report is correctly inserted.

### 3.2.1.3.10 *REP\_SUB\_VR\_12 - V-RE-GE-U12 CN Restricted Nomenclature Code Level*

**Message:** rep\_sub\_vr\_12.xml

**Test purpose:** The aim of this test is to check that a CN restricted nomenclature code level is a two-digit value whose value is limited to 08 (CN), 10 (TARIC).

The rule will be tested by using "Nomenclatures Measures by measure type" report and "nomenclature code level" parameter.

For this test, the rule will use invalid values, then all valid values will be inserted:

- 00;
- 01;
- 02;
- 03;
- 04;
- 05;
- 06;
- 07;
- 09;
- 11;
- 0;
- A ;

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- aa.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "nomenclature code level" parameter set to "00".

**Transaction 2.** Try to insert a report, with "nomenclature code level" parameter set to "01".

**Transaction 3.** Try to insert a report, with "nomenclature code level" parameter set to "02".

**Transaction 4.** Try to insert a report, with "nomenclature code level" parameter set to "03".

**Transaction 5.** Try to insert a report, with "nomenclature code level" parameter set to "04".

**Transaction 6.** Try to insert a report, with "nomenclature code level" parameter set to "05".

**Transaction 7.** Try to insert a report, with "nomenclature code level" parameter set to "06".

**Transaction 8.** Try to insert a report, with "nomenclature code level" parameter set to "07".

**Transaction 9.** Try to insert a report, with "nomenclature code level" parameter set to "09".

**Transaction 10.** Try to insert a report, with "nomenclature code level" parameter set to "11".

**Transaction 11.** Try to insert a report, with "nomenclature code level" parameter set to "0".

**Transaction 12.** Try to insert a report, with "nomenclature code level" parameter set to "A".

**Transaction 13.** Try to insert a report, with "nomenclature code level" parameter set to "aa".

**Transaction 14.** Insert a report, with "nomenclature code level" parameter set to "08".

**Transaction 15.** Insert a report, with "nomenclature code level" parameter set to "10".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 1. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 2. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 3. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 4. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 5. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 6. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 7. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 8. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 9. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 10. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 11. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 12. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 13. Status error. The status details that the nomenclature code level is not correct.

Reply to transaction 14. Status ok. The report is correctly inserted.

Reply to transaction 15. Status ok. The report is correctly inserted.

### **3.2.1.3.11 REP\_SUB\_VR\_13 - V-RE-GE-U13 Record Update Type**

**Message:** rep\_sub\_vr\_13.xml

**Test purpose:** The aim of this test is to check that an update type is a single digit value whose value is limited to 1 (Update), 2 (Delete), 3 (Insert).

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

The rule will be tested by using "Selected Nomenclature Codes" report and "update type" parameter.

During this test, the rule will use invalid values, then all valid values will be inserted:

- 0;
- 4;
- a;
- B;
- 1;
- 2;
- 3.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "update type" parameter set to "0".

Transaction 2. Try to insert a report, with "update type" parameter set to "4".

Transaction 3. Try to insert a report, with "update type" parameter set to "a".

Transaction 4. Try to insert a report, with "update type" parameter set to "B".

Transaction 5. Insert a report, with "update type" parameter set to "1".

Transaction 6. Insert a report, with "update type" parameter set to "2".

Transaction 7. Insert a report, with "update type" parameter set to "3".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the update type is not correct.

Reply to transaction 2. Status error. The status details that the update type is not correct.

Reply to transaction 3. Status error. The status details that the update type is not correct.

Reply to transaction 4. Status error. The status details that the update type is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.3.12 *REP\_SUB\_VR\_14 - V-RE-GE-UI4 Record Stable Type*

**Message:** rep\_sub\_vr\_14.xml

**Test purpose:** The aim of this test is to check that an update type is a single digit value whose value is limited to 1 (Update), 2 (Delete), 3 (Insert).

The rule will be tested by using "Selected Nomenclature Codes" report and "stable/unstable indicator" parameter.

During this test, the rule will use invalid values, then all valid values will be inserted:

- 4;
- A;
- 0;
- 1;
- 2.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "stable/unstable indicator" parameter set to "4".

**Transaction 2.** Try to insert a report, with "stable/unstable indicator" parameter set to "A".

**Transaction 3.** Insert a report, with "stable/unstable indicator" parameter set to "0".

**Transaction 4.** Insert a report, with "stable/unstable indicator" parameter set to "1".

**Transaction 5.** Insert a report, with "stable/unstable indicator" parameter set to "2".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the stable/unstable indicator is not correct.

**Reply to transaction 2.** Status error. The status details that the stable/unstable indicator is not correct.

**Reply to transaction 3.** Status ok. The report is correctly inserted.

**Reply to transaction 4.** Status ok. The report is correctly inserted.

**Reply to transaction 5.** Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.3.13 *REP\_SUB\_VR\_15 - V-RE-GE-U15 Measure Type*

**Message:** rep\_sub\_vr\_15.xml

**Test purpose:** The aim of this test is to check that a measure type is a three to six digits code.  
The rule will be tested by using "Nomenclatures Measures by measure type" report and "measure type" parameter.

During this test, the rule will use invalid values, then all valid values will be inserted:

- 01;
- 0123456;
- abcd;
- abcdef;
- 123;
- 123456;
- 12345.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "measure type" parameter set to "01".

**Transaction 2.** Try to insert a report, with "measure type" parameter set to "0123456".

**Transaction 3.** Try to insert a report, with "measure type" parameter set to "abcd".

**Transaction 4.** Try to insert a report, with "measure type" parameter set to "abcdef".

**Transaction 5.** Insert a report, with "measure type" parameter set to "123".

**Transaction 6.** Insert a report, with "measure type" parameter set to "123456".

**Transaction 7.** Insert a report, with "measure type" parameter set to "12345".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the measure type is not correct.

**Reply to transaction 2.** Status error. The status details that the measure type is not correct.

**Reply to transaction 3.** Status error. The status details that the measure type is not correct.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to transaction 4. Status error. The status details that the measure type is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

#### 3.2.1.3.14 *REP\_SUB\_VR\_16 - V-RE-GE-U16 Regulation Identifier*

**Message:** rep\_sub\_vr\_16.xml

**Test purpose:** The aim of this test is to check that a regulation identifier is a height digit code.

The rule will be tested by using "Nomenclatures Measures by measure type" report and "regulation" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- 1234567;
- 123456789;
- abcdefgh;
- abcdef;
- 12345678.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "measure type" parameter set to "1234567".

Transaction 2. Try to insert a report, with "measure type" parameter set to "123456789".

Transaction 3. Try to insert a report, with "measure type" parameter set to "abcdefgh".

Transaction 4. Try to insert a report, with "measure type" parameter set to "abcdef".

Transaction 5. Insert a report, with "measure type" parameter set to "12345678".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the measure type is

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

not correct.

Reply to transaction 2. Status error. The status details that the measure type is not correct.

Reply to transaction 3. Status error. The status details that the measure type is not correct.

Reply to transaction 4. Status error. The status details that the measure type is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

### 3.2.1.3.15 *REP\_SUB\_VR\_17 - V-RE-GE-U17 Regulation Group*

**Message:** rep\_sub\_vr\_17.xml

**Test purpose:** The aim of this test is to check that a regulation group identifier is a three-character code.

The rule will be tested by using "Nomenclature/Measures by Measure Type" report and "regulation group" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- ab;
- abcd;
- AB;
- ABCD;
- 123;
- abc;
- ABC.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "regulation group" parameter set to "ab".

Transaction 2. Try to insert a report, with "regulation group" parameter set to "abcd".

Transaction 3. Try to insert a report, with "regulation group" parameter set to "AB".

Transaction 4. Try to insert a report, with "regulation group" parameter set to "ABCD".

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 5. Insert a report, with "regulation group" parameter set to "123".

Transaction 6. Insert a report, with "regulation group" parameter set to "abc".

Transaction 7. Insert a report, with "regulation group" parameter set to "ABC".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the regulation group is not correct.

Reply to transaction 2. Status error. The status details that the regulation group is not correct.

Reply to transaction 3. Status error. The status details that the regulation group is not correct.

Reply to transaction 4. Status error. The status details that the regulation group is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

**3.2.1.3.16 REP\_SUB\_VR\_18 - V-RE-GE-U18 Additional Code Type**

**Message:** rep\_sub\_vr\_18.xml

**Test purpose:** The aim of this test is to check that an additional code type identifier is a single character code.

The rule will be tested by using "Measures" report and "additional code type" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- empty;
- ab;
- A;
- a;
- 1.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 1. Try to insert a report, with "additional code type" parameter set to "".

Transaction 2. Try to insert a report, with "additional code type" parameter set to "ab".

Transaction 3. Insert a report, with "additional code type" parameter set to "A".

Transaction 4. Insert a report, with "additional code type" parameter set to "a".

Transaction 5. Insert a report, with "additional code type" parameter set to "1".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the additional code type is not correct.

Reply to transaction 2. Status error. The status details that the additional code type is not correct.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

**3.2.1.3.17 REP\_SUB\_VR\_19 - V-RE-GE-U19 Additional Code**

**Message:** rep\_sub\_vr\_19.xml

**Test purpose:** The aim of this test is to check that an additional code from is a three-digit code.

The rule will be tested by using "Measures" report and "additional code from" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- 12;
- 1234;
- abc;
- 123.

**Precondition:** The test database must be deployed.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "additional code type" parameter set to "12".

**Transaction 2.** Try to insert a report, with "additional code type" parameter set to "1234".

**Transaction 3.** Try to insert a report, with "additional code type" parameter set to "abc".

**Transaction 4.** Insert a report, with "additional code type" parameter set to "123".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the additional code type is not correct.

**Reply to transaction 2.** Status error. The status details that the additional code type is not correct.

**Reply to transaction 3.** Status error. The status details that the additional code type is not correct.

**Reply to transaction 4.** Status ok. The report is correctly inserted.

### 3.2.1.3.18 *REP\_SUB\_VR\_20 - V-RE-GE-U20 Sorting order*

**Message:** rep\_sub\_vr\_20.xml

**Test purpose:** The aim of this test is to check that a sorting order is a single digit value.

The rule will be tested by using "Measures" report and "measure sorting order" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- empty;
- 12;
- A;
- 1.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "sorting order" parameter set to

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

"empty".

Transaction 2. Try to insert a report, with "sorting order" parameter set to "12".

Transaction 3. Try to insert a report, with "sorting order" parameter set to "A".

Transaction 4. Insert a report, with "sorting order" parameter set to "1".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the additional code type is not correct.

Reply to transaction 2. Status error. The status details that the sorting order is not correct.

Reply to transaction 3. Status error. The status details that the sorting order is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

**3.2.1.3.19 REP\_SUB\_VR\_21 - V-RE-GE-U21 Sorting information**

**Message:** rep\_sub\_vr\_21.xml

**Test purpose:** The aim of this test is to check that sorting information is a single character value limited to "X" (sorting requested) and "" (no sorting requested).

The rule will be tested by using "Country Groups and Constituent Countries " report and "sort by name" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- empty;
- 12;
- 1;
- x;
- X.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "sort by name" parameter set to "empty".

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 2. Try to insert a report, with "sort by name" parameter set to "12".

Transaction 3. Insert a report, with "sort by name" parameter set to "1".

Transaction 4. Insert a report, with "sort by name" parameter set to "x".

Transaction 5. Insert a report, with "sort by name" parameter set to "X".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status error. The status details that the sort by name is not correct.

Reply to transaction 3. Status error. The status details that the sort by name is not correct.

Reply to transaction 4. Status error. The status details that the sort by name is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

**3.2.1.3.20 *REP\_SUB\_VR\_22 - V-RE-GE-U22 Regulation Role Type***

**Message:** rep\_sub\_vr\_22.xml

**Test purpose:** The aim of this test is to check that a regulation role type is a single digit code.

The rule will be tested by using "Regulations" report and "regulation role type from" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- A;
- 12;
- empty;
- 1.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "regulation role type from" parameter set to "A".

Transaction 2. Try to insert a report, with "regulation role type from" parameter set to "12".

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 3. Try to insert a report, with "regulation role type from" parameter set to "empty".

Transaction 4. Insert a report, with "regulation role type from" parameter set to "1".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the regulation role type from is not correct.

Reply to transaction 2. Status error. The status details that the regulation role type from is not correct.

Reply to transaction 3. Status error. The status details that the regulation role type from is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

**3.2.1.3.21 REP\_SUB\_VR\_23 - V-RE-GE-U23 Footnote type**

**Message:** rep\_sub\_vr\_23.xml

**Test purpose:** The aim of this test is to check that a footnote type is a two or three-digit code.

The rule will be tested by using "Footnotes" report and "footnote type from" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- 1;
- 1234;
- AB;
- 12;
- 123.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "footnote type from" parameter set to "1".

Transaction 2. Try to insert a report, with "footnote type from" parameter set to "1234".

Transaction 3. Try to insert a report, with "footnote type from" parameter set to "AB".

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
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| REPORT                                   |                     |

Transaction 4. Insert a report, with "footnote type from" parameter set to "12".

Transaction 5. Insert a report, with "footnote type from" parameter set to "123".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the footnote type from is not correct.

Reply to transaction 2. Status error. The status details that the footnote type from is not correct.

Reply to transaction 3. Status error. The status details that the footnote type from is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

**3.2.1.3.22 *REP\_SUB\_VR\_24 - V-RE-GE-U24 Footnote code***

**Message:** rep\_sub\_vr\_24.xml

**Test purpose:** The aim of this test is to check that a footnote code is a three to five-digit code.

The rule will be tested by using "Footnotes" report and "footnote code" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- 12;
- 123456;
- ABCD;
- 123;
- 1234;
- 12345.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "footnote code" parameter set to "12".

Transaction 2. Try to insert a report, with "footnote code" parameter set to "123456".

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Transaction 3. Try to insert a report, with "footnote code" parameter set to "ABCD".

Transaction 4. Insert a report, with "footnote code" parameter set to "123".

Transaction 5. Insert a report, with "footnote code" parameter set to "1234".

Transaction 6. Insert a report, with "footnote code" parameter set to "12345".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the footnote code is not correct.

Reply to transaction 2. Status error. The status details that the footnote code is not correct.

Reply to transaction 3. Status error. The status details that the footnote code is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

**3.2.1.3.23 REP\_SUB\_VR\_25 - V-RE-GE-U25 Geographical area**

**Message:** rep\_sub\_vr\_25.xml

**Test purpose:** The aim of this test is to check that a geographical area is a two to four-character code.

The rule will be tested by using "Measures" report and "geographical area" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- a;
- abcde;
- empty;
- 12;
- 123;
- 1234.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

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Transaction 1. Try to insert a report, with "geographical area" parameter set to "a".

Transaction 2. Try to insert a report, with "geographical area" parameter set to "abcde".

Transaction 3. Try to insert a report, with "geographical area" parameter set to "empty".

Transaction 4. Insert a report, with "geographical area" parameter set to "12".

Transaction 5. Insert a report, with "geographical area" parameter set to "123".

Transaction 6. Insert a report, with "geographical area" parameter set to "1234".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the geographical area is not correct.

Reply to transaction 2. Status error. The status details that the geographical area is not correct.

Reply to transaction 3. Status error. The status details that the geographical area is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

**3.2.1.3.24 REP\_SUB\_VR\_26 - V-RE-GE-U26 Certificate type**

**Message:** rep\_sub\_vr\_26.xml

**Test purpose:** The aim of this test is to check that a certificate type is a one character code.

The rule will be tested by using "Measures" report and "certificate type" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- AB;
- empty;
- A;

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| REPORT                                   |                     |

- 1.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "certificate type" parameter set to "AB".

**Transaction 2.** Try to insert a report, with "certificate type" parameter set to "".

**Transaction 3.** Try to insert a report, with "certificate type" parameter set to "A".

**Transaction 4.** Insert a report, with "certificate type" parameter set to "1".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the certificate type is not correct.

**Reply to transaction 2.** Status error. The status details that the certificate type is not correct.

**Reply to transaction 3.** Status ok. The report is correctly inserted.

**Reply to transaction 4.** Status ok. The report is correctly inserted.

### 3.2.1.3.25 *REP\_SUB\_VR\_27 - V-RE-GE-U27 Certificate code*

**Message:** rep\_sub\_vr\_27.xml

**Test purpose:** The aim of this test is to check that a certificate code is a three-digit code.

The rule will be tested by using "Measures" report and "certificate code" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- 12;
- 1234;
- ABC;
- 123.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

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| REPORT                                   |                     |

Transaction 1. Try to insert a report, with "certificate code" parameter set to "12".

Transaction 2. Try to insert a report, with "certificate code" parameter set to "1234".

Transaction 3. Try to insert a report, with "certificate code" parameter set to "ABC".

Transaction 4. Insert a report, with "certificate code" parameter set to "123".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the certificate code is not correct.

Reply to transaction 2. Status error. The status details that the certificate code is not correct.

Reply to transaction 3. Status error. The status details that the certificate code is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

**3.2.1.3.26 REP\_SUB\_VR\_28 - V-RE-GE-U28 Order number**

**Message:** rep\_sub\_vr\_28.xml

**Test purpose:** The aim of this test is to check that an order number is a six-digit code.

The rule will be tested by using "Measures" report and "order number from" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- 12345;
- 1234567;
- ABCDEF;
- 123456.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "order number from" parameter set to "12345".

Transaction 2. Try to insert a report, with "order number from" parameter set

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| REPORT                                   |                     |

to "1234567".

Transaction 3. Try to insert a report, with "order number from" parameter set to "ABCDEF".

Transaction 4. Insert a report, with "order number from" parameter set to "123456".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the order number from is not correct.

Reply to transaction 2. Status error. The status details that the order number from is not correct.

Reply to transaction 3. Status error. The status details that the order number from is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

**3.2.1.3.27 REP\_SUB\_VR\_29 - V-RE-GE-U29 Duty component**

**Message:** rep\_sub\_vr\_29.xml

**Test purpose:** The aim of this test is to check that a duty component is a two- character code.

The rule will be tested by using "Measures" report and "duty component" parameter.

During this test, the rule will use invalid values, then a valid value will inserted:

- a;
- abc;
- empty;
- ab;

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "duty component" parameter set to "a".

Transaction 2. Try to insert a report, with "duty component" parameter set to "abc".

Transaction 3. Try to insert a report, with "duty component" parameter set to

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

"empty".

Transaction 4. Insert a report, with "duty component" parameter set to "ab".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the duty component is not correct.

Reply to transaction 2. Status error. The status details that the duty component is not correct.

Reply to transaction 3. Status error. The status details that the duty component is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

**3.2.1.3.28 REP\_SUB\_VR\_30 - V-RE-GE-U30 Measure condition type**

**Message:** rep\_sub\_vr\_30.xml

**Test purpose:** The aim of this test is to check that a measure condition type is a one-character code.

The rule will be tested by using "Measures" report and "condition type" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- abc;
- empty;
- a.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "condition type" parameter set to "abc".

Transaction 2. Try to insert a report, with "condition type" parameter set to "empty".

Transaction 3. Insert a report, with "condition type" parameter set to "a".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the condition type

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is not correct.

Reply to transaction 2. Status error. The status details that the condition type is not correct.

Reply to transaction 3. Status ok. The report is correctly inserted.

### 3.2.1.3.29 *REP\_SUB\_VR\_31 - V-RE-GE-U31 Extraction period*

**Message:** rep\_sub\_vr\_31.xml

**Test purpose:** The aim of this test is to check that an extraction period is a five-character code following the format "YYNNN" where YY stands for the last two digits of year extraction and NNN for a unique sequence number.

The rule will be tested by using "Transmission Comments" report and "extraction period from" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- "0812";
- "081234";
- "AA123";
- "08123".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "extraction period from" parameter set to "0812".

Transaction 2. Try to insert a report, with "extraction period from" parameter set to "081234".

Transaction 3. Try to insert a report, with "extraction period from" parameter set to "AA123".

Transaction 4. Insert a report, with "extraction period from" parameter set to "08123".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the extraction period from is not correct.

Reply to transaction 2. Status error. The status details that the extraction period from is not correct.

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| REPORT                                   |                     |

Reply to transaction 3. Status error. The status details that the extraction period from is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

### 3.2.1.3.30 *REP\_SUB\_VR\_32 - V-RE-GE-U32 Business code record type*

**Message:** rep\_sub\_vr\_32.xml

**Test purpose:** The aim of this test is to check that a business code record type is a five-digit code.

The rule will be tested by using "Business Codes" report and "record type" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- "1234";
- "123456";
- "ACBDE";
- 12000.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "record type" parameter set to "1234".

Transaction 2. Try to insert a report, with "record type" parameter set to "123456".

Transaction 3. Try to insert a report, with "record type" parameter set to "ABCDE".

Transaction 4. Insert a report, with "record type" parameter set to 12000.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the record type is not correct.

Reply to transaction 2. Status error. The status details that the record type is not correct.

Reply to transaction 3. Status error. The status details that the record type is not correct.

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| REPORT                                   |                     |

Reply to transaction 4. Status ok. The report is correctly inserted.

### 3.2.1.3.31 *REP\_SUB\_VR\_34 - [V-RE-GE-UI]*

**Message:** rep\_sub\_vr\_34.xml

**Test purpose:** The aim of this test is to check that an extraction period is a user with a one to fifty-character code.

The rule will be tested by using "Manual Data Capture" report and "user" parameter.

During this test, the rule will use invalid values, and then a valid value will be inserted:

- empty value;
- 51 characters;
- "a";
- "user";
- 50 characters.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "user" parameter set to an empty value.

Transaction 2. Try to insert a report, with "user" parameter set to 51 characters.

Transaction 3. Insert a report, with "user" parameter set to "a".

Transaction 4. Insert a report, with "user" parameter set to "user".

Transaction 5. Insert a report, with "user" parameter set to 50 characters.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that user is not correct.

Reply to transaction 2. Status error. The status details that the user is not correct.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.3.32 *REP\_SUB\_VR\_35 - V-RE-GE-U35 Publication sigle code type*

**Message:** rep\_sub\_vr\_35.xml

**Test purpose:** The aim of this test is to check that an extraction period is a publication sigle code type with a two to four-character code.

The rule will be tested by using "Publication sigles" report and "Publication sigle code type from" parameter.

During this test, the rule will use invalid values, and then a valid value will be inserted:

- empty value;
- "a";
- "abcde";
- "ab";
- "abc";
- "abcd".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "Publication sigle code type from" parameter set to an empty value.

**Transaction 2.** Try to insert a report, with "Publication sigle code type from" parameter set to "a".

**Transaction 3.** Try to insert a report, with "Publication sigle code type from" parameter set to "abcde".

**Transaction 4.** Insert a report, with "Publication sigle code type from" parameter set to "ab".

**Transaction 5.** Insert a report, with "Publication sigle code type from" parameter set to "abc".

**Transaction 6.** Insert a report, with "Publication sigle code type from" parameter set to "abcd".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the Publication sigle code type from is not correct.

**Reply to transaction 2.** Status error. The status details that the Publication sigle code type from is not correct.

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Reply to transaction 3. Status error. The status details that the Publication sigle code type from is not correct.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

### 3.2.1.3.33 *REP\_SUB\_VR\_36 - V-RE-GE-U36 Publication sigle code*

**Message:** rep\_sub\_vr\_36.xml

**Test purpose:** The aim of this test is to check that an extraction period is a publication sigle code with a one to ten-character code.

The rule will be tested by using "Publication sigles" report and "Publication sigle code from" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- empty value;
- "abcdefghijk";
- "a";
- "ab";
- "abc";
- "abcd";
- "abcde";
- "abcdef";
- "abcdefg";
- "abcdefgh";
- "abcdefghi";
- "abcdefghij".

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "Publication sigle code from" parameter set to an empty value.

Transaction 2. Try to insert a report, with "Publication sigle code from" parameter set to "abcdefghijk".

Transaction 3. Insert a report, with "Publication sigle code from" parameter set to "a".

Transaction 4. Insert a report, with "Publication sigle code from" parameter set to "ab".

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| REPORT                                   |                     |

Transaction 5. Insert a report, with "Publication sigle code from" parameter set to "abc".

Transaction 6. Insert a report, with "Publication sigle code from" parameter set to "abcd".

Transaction 7. Insert a report, with "Publication sigle code from" parameter set to "abcde".

Transaction 8. Insert a report, with "Publication sigle code from" parameter set to "abcdef".

Transaction 9. Insert a report, with "Publication sigle code from" parameter set to "abcdefg".

Transaction 10. Insert a report, with "Publication sigle code from" parameter set to "abcdefgh".

Transaction 11. Insert a report, with "Publication sigle code from" parameter set to "abcdefghi".

Transaction 12. Insert a report, with "Publication sigle code from" parameter set to "abcdefghij".

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the publication sigle code from, is not correct.

Reply to transaction 2. Status error. The status details that the publication sigle code from, is not correct.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

Reply to transaction 9. Status ok. The report is correctly inserted.

Reply to transaction 10. Status ok. The report is correctly inserted.

Reply to transaction 11. Status ok. The report is correctly inserted.

Reply to transaction 12. Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.3.34 *REP\_SUB\_VR\_37 - V-RE-GE-U37 Ranges constraints*

**Message:** rep\_sub\_vr\_37.xml

**Test purpose:** The aim of this test is to check that for all ranges, the following rules are applicable:

- The lower bound of the range is entered in the from field of the range;
- The upper bound is entered in the to field;
- In general (i.e. if both range ends are optional fields), it is not mandatory to enter both bounds of the range. A range can thus be unlimited if no lower and/or upper bound is given;
- When both specified, the lower bound must be less than or equal to the upper bound.

The rule will be tested by using "Measures" report and "validity start date \*" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- «from» = «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "validity start date" parameter set to «from» > «to».

**Transaction 2.** Insert a report, with "validity start date from" parameter set to «from» = «to».

**Transaction 3.** Insert a report, with "validity start date from" parameter set to «from» < «to».

**Transaction 4.** Insert a report, with "validity start date from" parameter set to no «from».

**Transaction 5.** Insert a report, with "validity start date from" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the validity start-date from is not correct.

**Reply to transaction 2.** Status ok. The report is correctly inserted.

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Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status ok. The report is correctly inserted.

Reply to transaction 5. Status ok. The report is correctly inserted.

### 3.2.1.3.35 *REP\_SUB\_VR\_38 - V-RE-GE-U38 Period Date Range Type*

**Message:** rep\_sub\_vr\_38.xml

**Test purpose:** The aim of this test is to check that a period date range is specified by a start date and an end date value satisfying the following validations.

The rule will be tested by using "Additional Codes" report and "validity start date \*" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» = «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "validity start date" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "validity start date" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "validity start date" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "validity start date" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "validity start date from" parameter set to «from» = «to».

Transaction 6. Insert a report, with "validity start date from" parameter set to «from» < «to».

Transaction 7. Insert a report, with "validity start date from" parameter set to

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| REPORT                                   |                     |

no «from».

Transaction 8. Insert a report, with "validity start date from" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the validity start date is not correct.

Reply to transaction 2. Status error. The status details that the validity start date is not correct.

Reply to transaction 3. Status error. The status details that the validity start date is not correct.

Reply to transaction 4. Status error. The status details that the validity start date is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.36 REP\_SUB\_VR\_39 - V-RE-GE-U39 Period Date-Time Range Type**

**Message:** rep\_sub\_vr\_39.xml

**Test purpose:** The aim of this test is to check that a period date range is specified by a start date and an end date value satisfying the following validations.

The rule will be tested by using "Manual Data Capture" report and "update date and time \*" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» = «to»;
- «from» < «to»;
- no «from»;
- no «to».

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "update date validity start date time" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "update date validity start date time" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "update date validity start date time" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "update date validity start date time" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "update date validity start date time from" parameter set to «from» = «to».

**Transaction 6.** Insert a report, with "update date validity start date time from" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "update date validity start date time from" parameter set to no «from».

**Transaction 8.** Insert a report, with "update date validity start date time from" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the update date validity start date time is not correct.

**Reply to transaction 2.** Status error. The status details that the update date validity start date time is not correct.

**Reply to transaction 3.** Status error. The status details that the update date validity start date time is not correct.

**Reply to transaction 4.** Status error. The status details that the update date validity start date time is not correct.

**Reply to transaction 5.** Status ok. The report is correctly inserted.

**Reply to transaction 6.** Status ok. The report is correctly inserted.

**Reply to transaction 7.** Status ok. The report is correctly inserted.

**Reply to transaction 8.** Status ok. The report is correctly inserted.

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### 3.2.1.3.37 *REP\_SUB\_VR\_40 - V-RE-GE-U40 Goods Nomenclature Range Type*

**Message:** rep\_sub\_vr\_40.xml

**Test purpose:** The aim of this test is to check that a goods nomenclature range is defined by a "from" and a "to" value satisfying the following validations.

The rule will be tested by using "Measures" report and "product code \*" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- <from> > <to>;
- incorrect <from>;
- incorrect <to>;
- incorrect <from> and incorrect <to>;
- <from> >= <to>;
- <from> < <to>;
- no <from>;
- no <to>.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "product code" parameter set to <from> > <to>.

**Transaction 2.** Try to insert a report, with "product code" parameter set to: (<from> to an incorrect value).

**Transaction 3.** Try to insert a report, with "product code" parameter set to: (<to> to an incorrect value).

**Transaction 4.** Try to insert a report, with "product code" parameter set to: (<from> and <to> to an incorrect value).

**Transaction 5.** Insert a report, with "product code from" parameter set to <from> >= <to>.

**Transaction 6.** Insert a report, with "product code from" parameter set to <from> < <to>.

**Transaction 7.** Insert a report, with "product code from" parameter set to no <from>.

**Transaction 8.** Insert a report, with "product code from" parameter set to no <to>.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the product code is

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not correct.

Reply to transaction 2. Status error. The status details that the product code is not correct.

Reply to transaction 3. Status error. The status details that the product code is not correct.

Reply to transaction 4. Status error. The status details that the product code is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.1.3.38 *REP\_SUB\_VR\_42 - V-RE-GE-U42 Additional Code Type Range*

**Message:** rep\_sub\_vr\_42.xml

**Test purpose:** The aim of this test is to check that an additional code type range is defined by a «from» and a «to» value.

The rule will be tested by using "Measures" report and "additional code type \*" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "additional code type" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "additional code type" parameter set to: («from» to an incorrect value).

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Transaction 3. Try to insert a report, with "additional code type" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "additional code type" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "additional code type from" parameter set to «from» >= «to».

Transaction 6. Insert a report, with "additional code type from" parameter set to «from» < «to».

Transaction 7. Insert a report, with "additional code type from" parameter set to no «from».

Transaction 8. Insert a report, with "additional code type from" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the additional code type is not correct.

Reply to transaction 2. Status error. The status details that the additional code type is not correct.

Reply to transaction 3. Status error. The status details that the additional code type is not correct.

Reply to transaction 4. Status error. The status details that the additional code type is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.39 REP\_SUB\_VR\_43 - V-RE-GE-U43 Additional Code Range**

**Message:** rep\_sub\_vr\_43.xml

**Test purpose:** The aim of this test is to check that an additional code range is defined by a «from» and a «to».

The rule will be tested by using "Measures" report and "additional code range" parameter.

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During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "additional code type range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "additional code type range" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "additional code type range" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "additional code type range" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "additional code type range" parameter set to «from» >= «to».

**Transaction 6.** Insert a report, with "additional code type range" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "additional code type range" parameter set to no «from».

**Transaction 8.** Insert a report, with "additional code type range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the additional code type range is not correct.

**Reply to transaction 2.** Status error. The status details that the additional code type range is not correct.

**Reply to transaction 3.** Status error. The status details that the additional code type range is not correct.

**Reply to transaction 4.** Status error. The status details that the additional code

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type range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.1.3.40 *REP\_SUB\_VR\_44 - V-RE-GE-U44 Regulation Role Type Range*

**Message:** rep\_sub\_vr\_44.xml

**Test purpose:** The aim of this test is to check that a regulation role type range is defined by a «from» and a «to» value.

The rule will be tested by using "Regulations" report and "regulation role type range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "regulation role type range" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "regulation role type range" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "regulation role type range" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "regulation role type range" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "regulation role type range" parameter set to «from» >= «to».

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Transaction 6. Insert a report, with "regulation role type range" parameter set to «from» < «to».

Transaction 7. Insert a report, with "regulation role type range" parameter set to no «from».

Transaction 8. Insert a report, with "regulation role type range" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the regulation role type range is not correct.

Reply to transaction 2. Status error. The status details that the regulation role type range is not correct.

Reply to transaction 3. Status error. The status details that the regulation role type range is not correct.

Reply to transaction 4. Status error. The status details that the regulation role type range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.41 REP\_SUB\_VR\_45 - V-RE-GE-U45 Regulation Identifier Range**

**Message:** rep\_sub\_vr\_45.xml

**Test purpose:** The aim of this test is to check that regulation identifier range is defined by a «from» and a «to» value.

The rule will be tested by using "Regulations" report and "regulation identifier range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and bad «to»;
- «from» >= «to»;
- «from» < «to»;

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- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "regulation identifier range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "regulation identifier range" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "regulation identifier range" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "regulation identifier range" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "regulation identifier range" parameter set to «from» >= «to».

**Transaction 6.** Insert a report, with "regulation identifier range" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "regulation identifier range" parameter set to no «from».

**Transaction 8.** Insert a report, with "regulation identifier range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the regulation identifier range is not correct.

**Reply to transaction 2.** Status error. The status details that the regulation identifier range is not correct.

**Reply to transaction 3.** Status error. The status details that the regulation identifier range is not correct.

**Reply to transaction 4.** Status error. The status details that the regulation identifier range is not correct.

**Reply to transaction 5.** Status ok. The report is correctly inserted.

**Reply to transaction 6.** Status ok. The report is correctly inserted.

**Reply to transaction 7.** Status ok. The report is correctly inserted.

**Reply to transaction 8.** Status ok. The report is correctly inserted.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
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### 3.2.1.3.42 *REP\_SUB\_VR\_46 - V-RE-GE-U46 Footnote Type Range*

**Message:** rep\_sub\_vr\_46.xml

**Test purpose:** The aim of this test is to check that a footnote type range is defined by a «from» and a «to» value.

The rule will be tested by using "Footnotes" report and "footnote type range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and bad «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "footnote type range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "footnote type range" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "footnote type range" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "footnote type range" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "footnote type range" parameter set to «from» >= «to».

**Transaction 6.** Insert a report, with "footnote type range" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "footnote type range" parameter set to no «from».

**Transaction 8.** Insert a report, with "footnote type range" parameter set to no «to».

**Expected** The message is composed of transactions and the status that reply to the

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**output:** original transactions:

Reply to transaction 1. Status error. The status details that the footnote type range is not correct.

Reply to transaction 2. Status error. The status details that the footnote type range is not correct.

Reply to transaction 3. Status error. The status details that the footnote type range is not correct.

Reply to transaction 4. Status error. The status details that the footnote type range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.1.3.43 *REP\_SUB\_VR\_47 - V-RE-GE-U47 Footnote Code Range*

**Message:** rep\_sub\_vr\_47.xml

**Test purpose:** The aim of this test is to check that a footnote code range is defined by a «from» and a «to» value.

The rule will be tested by using "Footnotes" report and "footnote code range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "footnote code range" parameter set to «from» > «to».

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Transaction 2. Try to insert a report, with "footnote code range" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "footnote code range" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "footnote code range" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "footnote code range" parameter set to «from» >= «to».

Transaction 6. Insert a report, with "footnote code range" parameter set to «from» < «to».

Transaction 7. Insert a report, with "footnote code range" parameter set to no «from».

Transaction 8. Insert a report, with "footnote code range" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the footnote code range is not correct.

Reply to transaction 2. Status error. The status details that the footnote code range is not correct.

Reply to transaction 3. Status error. The status details that the footnote code range is not correct.

Reply to transaction 4. Status error. The status details that the footnote code range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.44 REP\_SUB\_VR\_48 - V-RE-GE-U48 Measure Type Range**

**Message:** rep\_sub\_vr\_48.xml

**Test purpose:** The aim of this test is to check that a measure type range is defined by a «from» and a «to» value.

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The rule will be tested by using "Measures" report, and "measure type range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and bad «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "measure type range" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "measure type range" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "measure type range" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "measure type range" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "measure type range" parameter set to «from» >= «to».

Transaction 6. Insert a report, with "measure type range" parameter set to «from» < «to».

Transaction 7. Insert a report, with "measure type range" parameter set to no «from».

Transaction 8. Insert a report, with "measure type range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the measure type range is not correct.

Reply to transaction 2. Status error. The status details that the measure type range is not correct.

Reply to transaction 3. Status error. The status details that the measure type

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range is not correct.

Reply to transaction 4. Status error. The status details that the measure type range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.1.3.45 *REP\_SUB\_VR\_49 - V-RE-GE-U49 Geographical Area Range*

**Message:** rep\_sub\_vr\_49.xml

**Test purpose:** The aim of this test is to check that a geographical area range is defined by a «from» and a «to» value.

The rule will be tested by using "Footnote Cross-Reference" report, and "geographical area range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "geographical area range" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "geographical area range" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "geographical area range" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "geographical area range" parameter set to: («from» and «to» to an incorrect value).

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Transaction 5. Insert a report, with "geographical area range" parameter set to «from» >= «to».

Transaction 6. Insert a report, with "geographical area range" parameter set to «from» < «to».

Transaction 7. Insert a report, with "geographical area range" parameter set to no «from».

Transaction 8. Insert a report, with "geographical area range" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the geographical area range is not correct.

Reply to transaction 2. Status error. The status details that the geographical area range is not correct.

Reply to transaction 3. Status error. The status details that the geographical area range is not correct.

Reply to transaction 4. Status error. The status details that the geographical area range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.46 REP\_SUB\_VR\_50 - V-RE-GE-U50 Certificate Type Range**

**Message:** rep\_sub\_vr\_50.xml

**Test purpose:** The aim of this test is to check that a certificate type range is defined by a «from» and a «to» value.

The rule will be tested by using "Certificates" report and "certificate type range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;

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- incorrect «from» and bad «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "certificate type range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "certificate type range" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "certificate type range" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "certificate type range" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "certificate type range" parameter set to «from» >= «to».

**Transaction 6.** Insert a report, with "certificate type range" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "certificate type range" parameter set to no «from».

**Transaction 8.** Insert a report, with "certificate type range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the certificate type range is not correct.

**Reply to transaction 2.** Status error. The status details that the certificate type range is not correct.

**Reply to transaction 3.** Status error. The status details that the certificate type range is not correct.

**Reply to transaction 4.** Status error. The status details that the certificate type range is not correct.

**Reply to transaction 5.** Status ok. The report is correctly inserted.

**Reply to transaction 6.** Status ok. The report is correctly inserted.

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Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.1.3.47 *REP\_SUB\_VR\_51 - V-RE-GE-U51 Certificate Code Range*

**Message:** rep\_sub\_vr\_51.xml

**Test purpose:** The aim of this test is to check that a certificate code range is defined by a «from» and a «to» value.

The rule will be tested by using "Certificates" report and "certificate code range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and bad «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "certificate code range" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "certificate code range" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "certificate code range" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "certificate code range" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "certificate code range" parameter set to «from» >= «to».

Transaction 6. Insert a report, with "certificate code range" parameter set to «from» < «to».

Transaction 7. Insert a report, with "certificate code range" parameter set to no «from».

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 8. Insert a report, with "certificate code range" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the certificate code range is not correct.

Reply to transaction 2. Status error. The status details that the certificate code range is not correct.

Reply to transaction 3. Status error. The status details that the certificate code range is not correct.

Reply to transaction 4. Status error. The status details that the certificate code range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.48**      ***REP\_SUB\_VR\_52 - V-RE-GE-U52 Order Number Range***

**Message:**            rep\_sub\_vr\_52.xml

**Test purpose:**      The aim of this test is to check that an order number range is defined by a «from» and a «to» value.

The rule will be tested by using "Measures" report and "order number range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:**      The test database must be deployed.

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| REPORT                                   |                     |

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "order number range" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "order number range" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "order number range" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "order number range" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "order number range" parameter set to «from» >= «to».

Transaction 6. Insert a report, with "order number range" parameter set to «from» < «to».

Transaction 7. Insert a report, with "order number range" parameter set to no «from».

Transaction 8. Insert a report, with "order number range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the order number range is not correct.

Reply to transaction 2. Status error. The status details that the order number range is not correct.

Reply to transaction 3. Status error. The status details that the order number range is not correct.

Reply to transaction 4. Status error. The status details that the order number range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.49**      **REP\_SUB\_VR\_53 - V-RE-GE-U53 Nomenclature Group Type Range**

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| REPORT                                   |                     |

**Message:** rep\_sub\_vr\_53.xml

**Test purpose:** The aim of this test is to check that a nomenclature group type range is defined by a «from» and a «to» value.

The rule will be tested by using "Measures" report and "nomenclature group type range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "nomenclature group type range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "nomenclature group type range" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "nomenclature group type range" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "nomenclature group type range" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "nomenclature group type range" parameter set to «from» >= «to».

**Transaction 6.** Insert a report, with "nomenclature group type range" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "nomenclature group type range" parameter set to no «from».

**Transaction 8.** Insert a report, with "nomenclature group type range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the nomenclature group type range is not correct.

**Reply to transaction 2.** Status error. The status details that the nomenclature

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| REPORT                                   |                     |

group type range is not correct.

Reply to transaction 3. Status error. The status details that the nomenclature group type range is not correct.

Reply to transaction 4. Status error. The status details that the nomenclature group type range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.1.3.50 *REP\_SUB\_VR\_54 - V-RE-GE-U54 Nomenclature Group Code Range*

**Message:** rep\_sub\_vr\_54.xml

**Test purpose:** The aim of this test is to check that a nomenclature group code range is defined by a «from» and a «to» value.

The rule will be tested by using "Measures" report and "nomenclature group code range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and bad «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "nomenclature group code range" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "nomenclature group code range" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "nomenclature group code range" parameter set to: («to» to an incorrect value).

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 4. Try to insert a report, with "nomenclature group code range" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "nomenclature group code range" parameter set to «from» >= «to».

Transaction 6. Insert a report, with "nomenclature group code range" parameter set to «from» < «to».

Transaction 7. Insert a report, with "nomenclature group code range" parameter set to no «from».

Transaction 8. Insert a report, with "nomenclature group code range" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the nomenclature group code range is not correct.

Reply to transaction 2. Status error. The status details that the nomenclature group code range is not correct.

Reply to transaction 3. Status error. The status details that the nomenclature group code range is not correct.

Reply to transaction 4. Status error. The status details that the nomenclature group code range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.51 *REP\_SUB\_VR\_55 - V-RE-GE-U55 Extraction Period Range***

**Message:** rep\_sub\_vr\_55.xml

**Test purpose:** The aim of this test is to check that an extraction period range is defined by a «from» and a «to» value.

The rule will be tested by using "Transmission Comments" report and "extraction period range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

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- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and bad «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "extraction period range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "extraction period range" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "extraction period range" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "extraction period range" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "extraction period range" parameter set to «from» >= «to».

**Transaction 6.** Insert a report, with "extraction period range" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "extraction period range" parameter set to no «from».

**Transaction 8.** Insert a report, with "extraction period range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the extraction period range is not correct.

**Reply to transaction 2.** Status error. The status details that the extraction period range is not correct.

**Reply to transaction 3.** Status error. The status details that the extraction period range is not correct.

**Reply to transaction 4.** Status error. The status details that the extraction period range is not correct.

**Reply to transaction 5.** Status ok. The report is correctly inserted.

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Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.1.3.52 *REP\_SUB\_VR\_56 - V-RE-GE-U56 Nomenclature Group Code Range*

**Message:** rep\_sub\_vr\_56.xml

**Test purpose:** The aim of this test is to check that a nomenclature group code range is defined by a «from» and a «to» value.

The rule will be tested by using "Export Refund Nomenclature" report and "nomenclature group code range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "nomenclature group code range" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "nomenclature group code range" parameter set to: («from» to an incorrect value).

Transaction 3. Try to insert a report, with "nomenclature group code range" parameter set to: («to» to an incorrect value).

Transaction 4. Try to insert a report, with "nomenclature group code range" parameter set to: («from» and «to» to an incorrect value).

Transaction 5. Insert a report, with "nomenclature group code range" parameter set to «from» >= «to».

Transaction 6. Insert a report, with "nomenclature group code range" parameter set to «from» < «to».

Transaction 7. Insert a report, with "nomenclature group code range"

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

parameter set to no «from».

Transaction 8. Insert a report, with "nomenclature group code range" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the nomenclature group code range is not correct.

Reply to transaction 2. Status error. The status details that the nomenclature group code range is not correct.

Reply to transaction 3. Status error. The status details that the nomenclature group code range is not correct.

Reply to transaction 4. Status error. The status details that the nomenclature group code range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

**3.2.1.3.53 *REP\_SUB\_VR\_57 - V-RE-GE-U57 Publication Sigle Code Type Range***

**Message:** rep\_sub\_vr\_57.xml

**Test purpose:** The aim of this test is to check that a Publication sigle code type range is defined by a «from» and a «to» value.

The rule will be tested by using "Publication sigles" report and "Publication sigle code type range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "Publication sigle code type range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "Publication sigle code type range" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "Publication sigle code type range" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "Publication sigle code type range" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "Publication sigle code type range" parameter set to «from» >= «to».

**Transaction 6.** Insert a report, with "Publication sigle code type range" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "Publication sigle code type range" parameter set to no «from».

**Transaction 8.** Insert a report, with "Publication sigle code type range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the Publication sigle code type range is not correct.

**Reply to transaction 2.** Status error. The status details that the Publication sigle code type range is not correct.

**Reply to transaction 3.** Status error. The status details that the Publication sigle code type range is not correct.

**Reply to transaction 4.** Status error. The status details that the Publication sigle code type range is not correct.

**Reply to transaction 5.** Status ok. The report is correctly inserted.

**Reply to transaction 6.** Status ok. The report is correctly inserted.

**Reply to transaction 7.** Status ok. The report is correctly inserted.

**Reply to transaction 8.** Status ok. The report is correctly inserted.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.3.54 *REP\_SUB\_VR\_58 - V-RE-GE-U58 Publication Sigle Code Range*

**Message:** rep\_sub\_vr\_58.xml

**Test purpose:** The aim of this test is to check that a Publication sigle code range is defined by a «from» and a «to» value.

The rule will be tested by using "Publication sigles" report and "Publication sigle code range" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a report, with "Publication sigle code range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a report, with "Publication sigle code range" parameter set to: («from» to an incorrect value).

**Transaction 3.** Try to insert a report, with "Publication sigle code range" parameter set to: («to» to an incorrect value).

**Transaction 4.** Try to insert a report, with "Publication sigle code range" parameter set to: («from» and «to» to an incorrect value).

**Transaction 5.** Insert a report, with "Publication sigle code range" parameter set to «from» >= «to».

**Transaction 6.** Insert a report, with "Publication sigle code range" parameter set to «from» < «to».

**Transaction 7.** Insert a report, with "Publication sigle code range" parameter set to no «from».

**Transaction 8.** Insert a report, with "Publication sigle code range" parameter set to no «to».

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The status details that the Publication sigle

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| REPORT                                   |                     |

code range is not correct.

Reply to transaction 2. Status error. The status details that the Publication sigle code range is not correct.

Reply to transaction 3. Status error. The status details that the Publication sigle code range is not correct.

Reply to transaction 4. Status error. The status details that the Publication sigle code range is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.1.3.55 *REP\_SUB\_VR\_59 - V-RE-GE-U59 Mandatory Value*

**Message:** rep\_sub\_vr\_59.xml

**Test purpose:** The aim of this test is to check that a valid value of specified type must be provided. "Empty values" are not accepted.

The rule will be tested by using "Additional codes" report and "header language" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- empty;
- invalid;
- valid.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "header" parameter set to an empty value.

Transaction 2. Try to insert a report, with "header" parameter set to an invalid value "fr".

Transaction 3. Insert a report, with a valid "header" parameter set to "FR".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| REPORT                                   |                     |

Reply to transaction 1. Status error. The status details that the Publication sigle code range is not correct.

Reply to transaction 2. Status error. The status details that the Publication sigle code range is not correct.

Reply to transaction 3. Status ok. The report is correctly inserted.

### 3.2.1.3.56 *REP\_SUB\_VR\_60 - [V-RE-GE-U2] Existing Value*

**Message:** rep\_sub\_vr\_60.xml

**Test purpose:** The aim of this test is to check that if a value is provided, it must exist in the database.

The rule will be tested by using "Additional Codes" report and "header language" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- unknown;
- existing;

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "header" parameter set to an unknown language "ZZ".

Transaction 2. Insert a report, with a valid "header" parameter set to "FR".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the Publication sigle code range is not correct.

Reply to transaction 2. Status ok. The report is correctly inserted.

### 3.2.1.3.57 *REP\_SUB\_VR\_62 - V-RE-GE-U62 Date Selections Criteria Exclusivity*

**Message:** rep\_sub\_vr\_62.xml

**Test purpose:** The aim of this test is to check that the simulation date, Validity Period and Update Date selection criteria are mutually exclusive. At least one must be specified.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

The rule will be tested by using "Additional Codes" report.

During this test, the rule will use invalid values, then a valid value will be inserted:

- none of them;
- simulation date and Validity Period;
- simulation date and Update Date;
- Validity Period and Update Date;
- only simulation date;
- only Validity Period;
- only Update Date.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with none of the simulation date, Validity Period and Update Date selection criteria selected.

Transaction 2. Try to insert a report, with both the simulation date, Validity Period criteria selected.

Transaction 3. Try to insert a report, with both the simulation date and Update Date criteria selected.

Transaction 4. Try to insert a report, with both the Validity Period and Update Date criteria selected.

Transaction 5. Insert a report, with the only "simulation date" parameter.

Transaction 6. Insert a report, with the only "validity period" parameter.

Transaction 7. Insert a report, with the only "update date" parameter.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the simulation date, validity period and update date selection criteria are mutually exclusive. At least one must be specified.

Reply to transaction 2. Status error. The status details that the simulation date, validity period and update date selection criteria are mutually exclusive. At least one must be specified.

Reply to transaction 3. Status error. The status details that the simulation date, validity period and update date selection criteria are mutually exclusive. At least one must be specified.

Reply to transaction 4. Status error. The status details that the simulation date, validity period and update date selection criteria are mutually exclusive. At least one must be specified.

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Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

### 3.2.1.3.58 *REP\_SUB\_VR\_65 - V-RE-GE-U65 Date Criteria Exclusivity*

**Message:** rep\_sub\_vr\_65.xml

**Test purpose:** The aim of this test is to check that the simulation date and the Update date range are mutually exclusive and that at least one must be specified.

This rule will be tested by using the "Export Refund" report.

During this test, the following configuration are tested:

- Only simulation date is specified;
- Only Update date range is specified;
- Both simulation and update date range are specified;
- No simulation date nor update date range is specified;

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Insert a report with only simulation date specified.

Transaction 2. Insert a report with only update date range specified.

Transaction 3. Insert a report with both simulation date and update date range specified.

Transaction 4. Insert a report without simulation date and update date range specified.

Transaction 5.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status error. The error message details that the V-RE-GE-U65 rule is not verified.

Reply to transaction 4. Status error. The error message details that the V-RE-GE-U65 rule is not verified.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.1.3.59 *REP\_SUB\_VR\_66 - V-RE-GE-U66 Code Nomenclature Type*

**Message:** rep\_sub\_vr\_66.xml

**Test purpose:** The aim of this test is to check that a code nomenclature is a ten-digit value, with values between 01000000 and 99999999 with two postfixed '0'.

This rule will be tested by using the "Export Refund" report and the parameter "product code from".

During this test, the rule will use 3 correct values and invalid ones:

- 0100000000;
- 0555555500;
- 9999999900;
- 0000000000;
- 00000000;
- 000000000000;
- 100000000;
- 0555555510;

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Insert a report, with "product code from" set to "0100000000".

**Transaction 2.** Insert a report, with "product code from" set to "0555555500".

**Transaction 3.** Insert a report, with "product code from" set to "9999999900".

**Transaction 4.** Try to insert a report, with "product code from" set to "0000000000".

**Transaction 5.** Try to insert a report, with "product code from" set to "2222222222".

**Transaction 6.** Try to insert a report, with "product code from" set to "222222222222".

**Transaction 7.** Try to insert a report, with "product code from" set to "1000000000".

**Transaction 8.** Try to insert a report, with "product code from" set to "0555555510".

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| REPORT                                   |                     |

Reply to transaction 1. Status ok. The report is correctly inserted.

Reply to transaction 2. Status ok. The report is correctly inserted.

Reply to transaction 3. Status ok. The report is correctly inserted.

Reply to transaction 4. Status error. The error message details that the nomenclature type is not correct.

Reply to transaction 5. Status error. The error message details that the nomenclature type is not correct.

Reply to transaction 6. Status error. The error message details that the nomenclature type is not correct.

Reply to transaction 7. Status error. The error message details that the nomenclature type is not correct.

Reply to transaction 8. Status error. The error message details that the nomenclature type is not correct.

### 3.2.1.3.60 *REP\_SUB\_VR\_67 - V-RE-GE-U67 Code Nomenclature Range Type*

**Message:** rep\_sub\_vr\_67.xml

**Test purpose:** The aim of this test is to check that a code nomenclature range is defined by a "from" and a "to" value satisfying the following validations.

The rule will be tested by using "Export Refund" report and "product code \*" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- incorrect «from»;
- incorrect «to»;
- incorrect «from» and incorrect «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a report, with "product code" parameter set to «from» > «to».

Transaction 2. Try to insert a report, with "product code" parameter set to: («from» to an incorrect value).

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Transaction 3. Try to insert a report, with "product code" parameter set to: (<to> to an incorrect value).

Transaction 4. Try to insert a report, with "product code" parameter set to: (<from> and <to> to an incorrect value).

Transaction 5. Insert a report, with "product code from" parameter set to <from> >= <to>.

Transaction 6. Insert a report, with "product code from" parameter set to <from> < <to>.

Transaction 7. Insert a report, with "product code from" parameter set to no <from>.

Transaction 8. Insert a report, with "product code from" parameter set to no <to>.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the product code is not correct.

Reply to transaction 2. Status error. The status details that the product code is not correct.

Reply to transaction 3. Status error. The status details that the product code is not correct.

Reply to transaction 4. Status error. The status details that the product code is not correct.

Reply to transaction 5. Status ok. The report is correctly inserted.

Reply to transaction 6. Status ok. The report is correctly inserted.

Reply to transaction 7. Status ok. The report is correctly inserted.

Reply to transaction 8. Status ok. The report is correctly inserted.

### 3.2.2. Execution

#### 3.2.2.1. Control reports

##### 3.2.2.1.1 Manual Data Capture

##### 3.2.2.1.1.1 REP\_EXE\_CR\_01 - Manual Data Capture - Execute report

|  |                     |
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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_cr\_01.xml

**Test purpose:** The aim of this test is to check that a "Manual data Capture" report can be generated and that the content corresponds to the requested parameters.

In this test, a report is submitted and executed.

Then a query to this report is done to analyse the content:

The test case needs 5 report executions in order to test the processing.

The following distinct subtypes of reports are tested:

- report without any type defined: (setup data needed: different type of record; ex: AC ACM, RC, NI);
- report with the type AC defined: (setup data needed: record type: AC);
- report with type ER\* defined: (setup data needed: different type of record:ERN, EII, LDE and FAE);
- report with type NI\* defined: (setup data needed: different type of record:NI, II, ID, IA, DPG, LDN, NM and FAN);
- report with type RE\* defined: (setup data needed: different type of record:RO, RR and RT).

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Message 1.** Execute a report, without any record type defined. Set the "requested.start.time" to a past time in order to run it immediately. (update date and time range, record type, header language, user)

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Execute a report, with record type defined as "AC". Set the "requested.start.time" to a past time in order to run it immediately. (update date and time range, record type, header language, user).

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 5.** Execute a report, with record type defined as "ER\*". Set the "requested.start.time" to a past time in order to run it immediately. (update date and time range, record type, header language, user).

**Message 6.** Once the previous scheduled job has been executed, query the

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

system for the report result. Analyse manually the generated PDF report.

Message 7. Execute a report, with record type defined as “NI\*”. Set the "requested.start.time" to a past time in order to run it immediately. (update date and time range, record type, header language, user).

Message 8. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 9. Execute a report, with record type defined as RE\*”. Set the "requested.start.time" to a past time in order to run it immediately. (update date and time range, record type, header language, user).

Message 10. Query the report, and analyse the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report Content: The report can contain all types of record, at least two types (ex: AC ACM, RC, and NI).

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report Content: The report contains only one type of record which is “AC”.

Reply to message 5. Status ok. The report is correctly inserted.

Reply to message 6. Status ok. The report exists. Analyse manually the report Content: The report contains only some type of records which are: ERN, EII, LDE and FAE.

Reply to message 7. Status ok. The report is correctly inserted.

Reply to message 8. Status ok. The report exists. Analyse manually the report Content: The report contains only some type of records which are: NI, II, ID, IA, DPG, LDN, NM and FAN.

Reply to message 9. Status ok. The report is correctly inserted.

Reply to message 10. Status ok. The report exists. Analyse manually the report Content: The report contains only some type of records which are: RO, RR and RT.

**3.2.2.1.1.2 REP\_EXE\_CR\_02 - Manual Data Capture - PR-REP-REP-1 Manual data capture selection order**

**Message:** rep\_exe\_cr\_02.xml

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-1 Manual data capture selection order" is associated with the report.  
 In this test a report is inserted and run.  
 Then a query to this report is done to analyse the content:  
 A setup file must be introduced to set up data for the report analyse.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately (update date and time range, header, user).

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report Content: In the report, each category of manual data capture is ordered by an ascending logical key.

### 3.2.2.2. Information reports

#### 3.2.2.2.1 Nomenclature by Group

##### 3.2.2.2.1.1 REP\_EXE\_IR\_01 - Nomenclature by Group - Execute report

**Message:** rep\_exe\_ir\_01.xml

**Test purpose:** The aim of this test is to check that a "Nomenclature by Group" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

**Precondition:** The data base must contain:

- Goods nomenclatures linked and not linked to group type "T";
- Goods nomenclatures linked and not linked to group code "0220011";

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- Goods nomenclatures linked and not linked to chapter “01” and “03”;
- Goods nomenclatures valid within range “1971-01-01” – “1973-01-01” and within “1992-01-01” – “1995-01-01”;
- Goods nomenclatures not valid within range “1971-01-01” – “1973-01-01” and within “1992-01-01” – “1995-01-01”.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report with a representative set of fields (validity range “1971-01-01” – “1973-01-01”, group type “T”, group code “0220011”, chapter “01”). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. The report contains good nomenclature whose validity respect the range “1971-01-01” – “1973-01-01”, group type “T”, group code “0220011” and chapter “01”.

### ***3.2.2.2.1.2 REP\_EXE\_IR\_02 - Nomenclature by Group - PR-REP-REP-18 Nomenclature by group selection order***

**Message:** rep\_exe\_ir\_02.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-18 Nomenclature by group selection order" is associated with the report.

In this test a report is inserted and run.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_01.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report with a representative set of fields (validity range “1992-01-01” – “1995-01-01”, group type “T”, chapter “03”). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected** The message is composed of transactions and the status that reply to the original

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**output:** transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report  
Content: In the report, the goods nomenclature records are ordered by ascending nomenclature group code and validity start date, ascending nomenclature code and validity start date and ascending membership start date.

### **3.2.2.2.1.3 REP\_EXE\_IR\_03 - Nomenclature by Group - PR-REP-REP-19 Update date and time interval**

**Message:** rep\_exe\_ir\_03.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-19 Update date and time interval" is associated with the report.

In this test a report is inserted and run.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_01.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report with a representative set of fields (validity range "1992-01-01" – "1995-01-01", group type "T", chapter "03"). Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report  
Content: In the report, when an update date and time interval is specified, only the goods nomenclature group records having been up-dated in that time range must be selected.

### **3.2.2.2.1.4 REP\_EXE\_IR\_04 - Nomenclature by group -insert valid with snapshot date**

**Message:** rep\_exe\_ir\_04.xml

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain:

- Stable Nomenclatures Groups 158000 with an update date time = 1994-08-01T16:04:44 as well as a stable nomenclature group 145000 with an update date time after 1995-03-16T14:57:03.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Nomenclature by group report request with parameters:

| Parameters            | Values              |
|-----------------------|---------------------|
| Update date time from | 1994-08-01T16:04:44 |
| Update date time to   | 1995-08-01T16:04:44 |
| header language       | EN                  |
| data language         | EN                  |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Nomenclature by group report request with parameters:

| Parameters      | Values              |
|-----------------|---------------------|
| snapshot date   | 1994-09-01 00:00:00 |
| header language | EN                  |
| data language   | EN                  |

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok.

**Reply to message 2.** Status ok.

**Reply to message 3.** Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains nomenclatures groups : 158000 and 145000.

**Reply to message 4.** Status ok. The report exists, header is in English, has the specified format, contain the 158000 nomenclature group and do not

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

contain 145000.

### 3.2.2.2.2 *Nomenclature Code Changes*

#### 3.2.2.2.2.1 *REP\_EXE\_IR\_05 - Nomenclature Code Changes - Execute report*

**Message:** rep\_exe\_ir\_05.xml

**Test purpose:** The aim of this test is to check that a "Nomenclature Code Changes" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs one report execution in order to test the processing.

**Precondition:** The data base must contain:

- goods nomenclature records within the update date and time range set from "2009-01-01T00-00-00" to "2009-05-01T00-00-00";
- goods nomenclature records outside the update date and time range set from "2009-01-01T00-00-00" to "2009-05-01T00-00-00";
- goods nomenclature records within the product code range set from "0180000000" to "0800000000";
- goods nomenclature records outside the product code range set from "0180000000" to "0800000000";
- “absorbed by” goods nomenclature records linked to the nomenclature goods records;
- “absorbed by” goods nomenclature records not linked to the nomenclature goods records;
- “derived from” goods nomenclature records linked to the nomenclature goods records;
- “derived from” goods nomenclature records not linked to the nomenclature goods records;
- goods nomenclature records with the nomenclature level equals to "10";
- goods nomenclature records with the nomenclature level not equals to "10".

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, set the update date and time range from "2009-01-01T00-00-00" to "2009-05-01T00-00-00", set the product code range

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

from "0180000000" to "0800000000", set the nomenclature code level to "10" TARIC. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report Content: The report contains only the goods nomenclature records whose code is included in the range value specified by criteria "product code from" and "product code to" and according to the specified "nomenclature code level".

The report contains the following fields:

- The goods nomenclature code;
- The start and end date;
- The stable status(according to specified data language);
- The last update type, user and date-time.

**3.2.2.2.2 REP\_EXE\_IR\_06 - Nomenclature Code Changes - PR-REP-REP-20 Nomenclature code changes selection order**

**Message:** rep\_exe\_ir\_06.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-20 Nomenclature code changes selection order" is associated with the report.

In this test a report is inserted and run.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_05.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected** The message is composed of transactions and the status that reply to the original

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**output:** transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report  
Content: In the report, the goods nomenclature records are ordered by ascending nomenclature code and validity start date and ascending "absorbed by" or "derived from" code.

### 3.2.2.2.3 *Selected Nomenclature Codes*

#### 3.2.2.2.3.1 *REP\_EXE\_IR\_07 - Selected Nomenclature Codes - Execute report*

**Message:** rep\_exe\_ir\_07.xml

**Test purpose:** The aim of this test is to check that a "Selected Nomenclature" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs one report execution in order to test the processing.

**Precondition:** The data base must contain:

- goods nomenclature records whose code is included in the range value specified by criteria "product code from" and "product code to";
- goods nomenclature records whose code is not included in the range value specified by criteria "product code from" and "product code to";
- goods nomenclature records with "nomenclature code level" equals to 10;
- goods nomenclature records with "nomenclature code level" not equals to 10;
- goods nomenclature records with "stable/unstable indicator" equals to true;
- goods nomenclature records with "stable/unstable indicator" equals to false;
- goods nomenclature records with "Update type" equals to "3";
- goods nomenclature records with "Update type" not equals to "3" (update and delete);
- refund nomenclature records whose code is included in the range value specified by criteria "product code from" and "product code to";
- refund nomenclature records whose code is not included in the range value specified by criteria "product code from" and "product code to";

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- refund nomenclature records with “nomenclature code level” equals to;
- refund nomenclature records with “nomenclature code level” not equals to;
- refund nomenclature records with “stable/unstable indicator” equals to true;
- refund nomenclature records with “stable/unstable indicator” equals to false;
- refund nomenclature records with “Update type” equals to "3";
- refund nomenclature records with “Update type” not equals to "3" (update and delete).

**Content:**

The test case is composed of the following transactions:

Message 1. Submit a report, set the update date and time range from "2007-01-01T00-00-00" to "2009-05-01T00-00-00", set the product code range from "0180000000" to "0800000000", set the nomenclature code level to "10" TARIC, set the update type to "3" (insert). Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report  
Content: The report contains goods nomenclature records and refund nomenclature records whose code is included in the range value specified by criteria “product code from” and “product code to” and according to the specified “nomenclature code level”, “stable/unstable indicator” and “Update type” criteria.

The report contains following fields:

- goods nomenclature records
  - The goods nomenclature code;
  - The validity period of the goods code;
  - Statistical line code;
  - Stable information (according to specified data language);
  - The last update type, user and date-time of the goods nomenclature.
- refund nomenclature records
  - ERN goods nomenclature;

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- ERN additional code type;
- ERN additional code (ERN extension);
- Product line suffix;
- The validity period;
- Stable information (according to specified data language);
- The last update type, user and date-time of the nomenclature.

**3.2.2.2.3.2**     *REP\_EXE\_IR\_08 - Selected Nomenclature Codes - PR-REP-REP-22 Selection order*

**Message:**            rep\_exe\_ir\_08.xml

**Test purpose:**     The aim of this test is to check that the process rule "PR-REP-REP-22 Selection with update type and date" is associated with the report.

In this test a report is inserted and run.

Then a query to this report is done to analyse the content.

**Precondition:**     The data base must contain the same set of data than test REP\_EXE\_IR\_07.

**Content:**            The test case is composed of the following transactions:

**Message 1.**         Submit a report with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.**         Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**     The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.**     Status ok. The report is correctly inserted.

**Reply to message 2.**     Status ok. The report exists. Analyse manually the report Content: In the report, the nomenclature records are ordered by ascending nomenclature code and validity start date.

**3.2.2.2.3.3**     *REP\_EXE\_IR\_09 - Selected Nomenclature Codes - PR-REP-REP-23 Selection with update type and date*

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_09.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-23 Selection with update type and date" is associated with the report.

In this test a report is inserted and run.

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_07.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report  
Content: In the report: if the "update type" and "update date & time" range are selected, then if any of the child entities is associated with the nomenclature code has been updated within the update date range, this code appears on the list.

#### 3.2.2.2.3.4 *REP\_EXE\_IR\_10 – Selected Nomenclature Codes -insert valid with snapshot date*

**Message:** rep\_exe\_ir\_10.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_07 with good nomenclature records having been created before 1998-08-25 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Selected Nomenclature Codes report request with parameters:

| Parameters | Values                    |
|------------|---------------------------|
|            | stable/unstable indicator |
|            | 0                         |

|  |                     |
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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

simulation date 2000-01-01  
product code from 0207000000  
product code to 0207129000  
goods nomenclature level 08  
header language EN  
data language EN

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Insert a Selected Nomenclature Codes report request with parameters:

| Parameters      | Values                            |
|-----------------|-----------------------------------|
|                 | snapshot date 1994-08-25 00:00:00 |
|                 | stable/unstable indicator 0       |
|                 | product code from 0207000000      |
|                 | product code to 0207129000        |
|                 | goods nomenclature level 08       |
| header language | EN                                |
| data language   | EN                                |

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains goods nomenclatures between 0207000000 and 0207129000.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains goods nomenclatures between 0207000000 and 0207129000 created before “1994-08-25”.

**3.2.2.2.4 Nomenclature Description (multi-lingual)**

**3.2.2.2.4.1 REP\_EXE\_IR\_11 - Nomenclature Description (multi-lingual) - Execute report**

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_11.xml

**Test purpose:** The aim of this test is to check that a "Nomenclature Description (multi-lingual)" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

**Precondition:** The data base must contain:

- Goods nomenclature records with a measure type set to "142" or "680";
- Goods nomenclature records with a measure type not set to "142" or "680";
- Goods nomenclature records with stable/unstable indicator set to 1;
- Goods nomenclature records with stable/unstable indicator set to 0;
- Goods nomenclature records whose code is included in the range value specified by criteria "product code from" and "product code to";
- Goods nomenclature records whose code is not included in the range value specified by criteria "product code from" and "product code to";
- Goods nomenclature records with different code language;
- Export refund nomenclature records with a measure type set to "142" or "680";
- Export refund nomenclature records with a measure type not set to "142" or "680";
- Export refund nomenclature records with stable/unstable indicator set to "1";
- Export refund nomenclature records with stable/unstable indicator set to "0";
- Export refund nomenclature records whose code is included in the range value specified by criteria "product code from" and "product code to";
- Export refund nomenclature records whose code is not included in the range value specified by criteria "product code from" and "product code to";
- Export refund nomenclature records with different code language.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, set measure type to "680", set product code range from "0100000000" to "0220000000", validity start date from 1970-01-01 and to 2000-01-01, the validity end date from 1994-01-01 and to 2009-01-01 and set the "requested.start.time" to a past time in order to run it

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immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Submit a report, do not set measure type criteria, set product code range from "0100000000" to "0220000000", validity start date from 1970-01-01 and to 2000-01-01, the validity end date from 1994-01-01 and to 2009-01-01. Set the "requested.start.time" to a past time in order to run it immediately.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report Content: The report contains goods nomenclature records and export refund nomenclature records linked to the measure whose code is included in the range of values specified by criteria "product code from" and "product code to" and according to the specified "stable/unstable indicator" criteria.

The report contains following fields:

- goods nomenclature records
  - The goods nomenclature code;
  - Stable information;
  - Start period date;
  - The description (according to specified data language);
  - The description language;
  - The last update type and date of the description.
- refund nomenclature records
  - ERN goods nomenclature;
  - ERN additional code type;
  - ERN additional code (ERN extension);
  - Product line suffix;

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- Stable information;
- Start period date;
- The description (according to specified data language);
- The description language;
- The last update type and date of the description.

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report  
Content: The report contains goods nomenclature records and export refund nomenclature records linked to the measure whose code is included in the range of values specified by criteria “product code from” and “product code to” and according to the specified “stable/unstable indicator” criteria.

The report contains following fields:

- goods nomenclature records
  - Stable information;
  - Start period date;
  - The description (according to specified data language);
  - The description language;
  - The last update type and date of the description.
- refund nomenclature records
  - ERN goods nomenclature;
  - ERN additional code (ERN extension);
  - Product line suffix;
  - Stable information;
  - Start period date;
  - The description (according to specified data language);
  - The description language;
  - The last update type and date of the description.

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**Message:** rep\_exe\_ir\_12.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-24 Nomenclature description selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_11.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report Content: In the report, the nomenclature records are ordered by ascending nomenclature code and language.

#### **3.2.2.2.4.3 REP\_EXE\_IR\_13 - Nomenclature Description (multi-lingual) - PR-REP-REP-25 Selection language**

**Message:** rep\_exe\_ir\_13.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-25 Selection language" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_11.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the

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system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report Content: If no language is specified in the report; all languages are selected in the nomenclature descriptions.

#### **3.2.2.2.4.4 REP\_EXE\_IR\_14 - Nomenclature Description (multi-lingual) - PR-REP-REP-26 Selection language for update query**

**Message:** rep\_exe\_ir\_14.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-26 Selection language for update query" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_11.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report Content: If an update date and time range is specified in the report: If no specific data language is selected, select all the nomenclature codes descriptions (in all languages) for which at least one of these descriptions has been updated in the specified update date-time range. If a specific data language is selected, select only the nomenclature codes descriptions of that selected language updated in the specified update date-time range.

#### **3.2.2.2.4.5 REP\_EXE\_IR\_15 - Nomenclature Description -insert valid with snapshot date**

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**Message:** rep\_exe\_ir\_15.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_11 with good nomenclature description records having been created before 2007-03-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Nomenclature Description report request with parameters:

| <b>Parameters</b> | <b>Values</b>                            |
|-------------------|--|
|                   | Simulation date 2008-01-01               |
|                   | stable/unstable indicator 0              |
|                   | goods nomenclature range from 0208903000 |
|                   | goods nomenclature range to 0208906090   |
| header language   | EN                                       |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Nomenclature Description report request with parameters:

| <b>Parameters</b> | <b>Values</b>                            |
|-------------------|--|
|                   | snapshot date 2007-03-01 00:00:00        |
|                   | Simulation date 2008-01-01               |
|                   | stable/unstable indicator 0              |
|                   | goods nomenclature range from 0208903000 |
|                   | goods nomenclature range from 0208906090 |
| header language   | EN                                       |

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report request is correctly inserted.

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Reply to message 2. Status ok. The report exists; header is in English, has the specified format (see doc [spec]) and contains goods nomenclatures between 0208906090 and 0208903000.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists; header is in English, has the specified format and contains only goods nomenclatures between 0208906090 and 0208903000 having been created before “2007-03-01”.

### 3.2.2.2.5 *Selected Nomenclature Report*

#### 3.2.2.2.5.1 *REP\_EXE\_IR\_16 - Selected Nomenclature Report - Execute report*

**Message:** rep\_exe\_ir\_16.xml

**Test purpose:** The aim of this test is to check that a "Nomenclature Description (multi-lingual)" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report Content:

The test case needs 2 report executions in order to test the processing.

**Precondition:** The data base must contain:

- a report with “nomenclature group type” and “nomenclature group code” criteria specified (the product code range is set from "0101000000" to "0101999999"; “stable/unstable indicator” set to "0");

- a report without “nomenclature group type” and “nomenclature group code” criteria specified (the product code range is set from "0101000000" to "0101999999"; “stable/unstable indicator” set to "0").

For this report “nomenclature group code” is set to "210000", “nomenclature group type” is set to "M".

A setup file must be introduced to set up data for the report analyse.

The following setup data are needed for reports:

- group member records linked to the selected nomenclature group;
- group member records not linked to the selected nomenclature group;

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- goods nomenclature records linked to the measure records;
- goods nomenclature records not linked to the measure records;
- description period record linked to the goods nomenclature records;
- description period record not linked to the goods nomenclature records;
- footnote records linked to the goods nomenclature records;
- footnote records not linked to the goods nomenclature records;
- export refund records linked to the measure;
- description period record linked to the export refund records;
- description period record not linked to the export refund records;
- footnote records linked to the export refund records;
- footnote records not linked to the export refund records.

**Content:**

The test case is composed of the following transactions:

**Message 1.** Submit a report, set “nomenclature group code” to "210000", set “nomenclature group type” to "M", set product code range from "0101000000" to "0101999999", set “stable/unstable indicator” set to "0". Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Submit a report, do not set “nomenclature group code”, do not set “nomenclature group type”, set product code range from "0101000000" to "0101999999", set “stable/unstable indicator” set to "0". Set the "requested.start.time" to a past time in order to run it immediately.

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report  
Content: The report contains stable and unstable data. The data are within the product range "0101000000" to "0101999999". The report only contains data with a “nomenclature group code” set to "a" and a “nomenclature group type” set to "abcdef".

In order to check the exact report Content:, read TARIC-REP-PM part 4.5.1.5. "Selected Nomenclature Report".

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| REPORT                                   |                     |

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report  
Content: The report contains stable and unstable data. The data are within  
the product range "0101000000" to "0101999999". There is no  
“nomenclature group type” filter.

In order to check the report Content:, read TARIC-REP-PM part 4.5.1.5.  
"Selected Nomenclature Report".

### **3.2.2.2.5.2 REP\_EXE\_IR\_17 – Selected Nomenclature Report - PR-REP-REP-27 Nomenclature description selection order**

**Message:** rep\_exe\_ir\_17.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-27  
Nomenclature description selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_16.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields. Set the  
"requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the  
system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original  
transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the  
report Content: In the report, the nomenclature records are ordered by  
ascending goods nomenclature code.

### **3.2.2.2.5.3 REP\_EXE\_IR\_18 - Selected Nomenclature Report - PR-REP-REP-28 Simulation date with nomenclature group**

**Message:** rep\_exe\_ir\_18.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-28  
Simulation date with nomenclature group" is associated with the report.

In this test a report is submitted and executed.

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Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_16.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report  
Content: In the report, if a simulation date is specified with a nomenclature group, only the group membership records encompassing the simulation date must be selected. The indent and description valid at that date must be selected.

#### ***3.2.2.2.5.4 REP\_EXE\_IR\_19 - Selected Nomenclature Report - PR-REP-REP-29 Simulation date with regulation and/or geographical area***

**Message:** rep\_exe\_ir\_19.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-29 Simulation date with regulation and/or geographical area" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_16.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report  
Content: In the report, if a simulation date is specified with a regulation and/or geographical area, only measures whose validity period encompasses the simulation date are selected.

### 3.2.2.2.5.5 *REP\_EXE\_IR\_20 - Selected Nomenclature Report - PR-REP-REP-30 Update date and time interval*

**Message:** rep\_exe\_ir\_20.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-30 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_16.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report  
Content: In the report, when an update date and time interval is specified, only the records that have been updated in that time range must be selected.  
This restriction applies to:

- Nomenclature code;
- Number of indent;
- Description period;
- Description only for the selected language;
- Footnote association;
- Group membership association.

### 3.2.2.2.5.6 *REP\_EXE\_IR\_21 - Selected Nomenclature Report - PR-REP-REP-31 Export refund criteria*

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| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_21.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-30 Export refund criteria" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_16.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report Content: In the report, the "nomenclature group type" and "nomenclature group code" criteria are not taken in consideration for the selection of export refunds.

### 3.2.2.2.5.7 *REP\_EXE\_IR\_22 – Selected Nomenclature Report -insert valid with snapshot date*

**Message:** rep\_exe\_ir\_22.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_16 with good nomenclature records having been created before 2008-06-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Nomenclature by group report request with parameters:

| <b>Parameters</b>         | <b>Values</b>  |
|---------------------------|----------------|
| simulation date           | “Current date” |
| stable/unstable indicator | 0              |
| product code from         | 0101000000     |
| product code to           | 0101999999     |

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header language EN

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Insert a Nomenclature by group report request with parameters:

| Parameters                | Values              |
|---------------------------|---------------------|
| snapshot date             | 2008-06-01 00:00:00 |
| simulation date           | “Current date”      |
| stable/unstable indicator | 0                   |
| product code from         | 0101000000          |
| product code to           | 0101999999          |
| header language           | EN                  |

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains goods nomenclatures between “0101000000” and “0101999999”.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains only goods nomenclatures between “0101000000” and “0101999999” having been created before “2008-06-01”.

**3.2.2.2.6 *Nomenclature/Measures by Measure Type***

**3.2.2.2.6.1 *REP\_EXE\_IR\_23 - Nomenclature/Measures by Measure Type - Execute report***

**Message:** rep\_exe\_ir\_23.xml

**Test purpose:** The aim of this test is to check that a "Nomenclature/Measures by Measure Type" report can be generated and that the content corresponds to the requested

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parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs 2 report executions in order to test the processing.

**Precondition:** The data base must contain:

- measure records, linked with measure type "142";
- measure records, not linked with measure type "142";
- measure records, linked with regulation "D9907530";
- measure records, not linked with regulation "D9907530";
- measure records, linked with nomenclature code level "08" and "04";
- measure records, not linked with nomenclature code level "08" and "04";
- stable measure records;
- unstable measure records.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with regulation parameter set to "D9907530". (goods nomenclature between "0101000000"- "0101999999", level "08", measure type "142"). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Submit a report, do not set regulation parameter (goods nomenclature between "0301000000"- "0301999999", level "04", measure type "142"). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report  
Content: The report contains only measures linked to regulation

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“D9907530”, measures are stable, measures have the measure type “142”, and the nomenclature code level of measures is "08" in range “0101000000”-“0101999999”.

In order to check the report details, read [TARIC-REP-PM] part 4.5.1.6. Nomenclature/Measures by Measure Type.

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report Content: The report contains measures, measures are stable, measures have the measure type “142”, the nomenclature code level of measures is "04" in range “0301000000”-“0301999999”.

In order to check the report details, read [TARIC-REP-PM] part 4.5.1.6. Nomenclature/Measures by Measure Type.

### 3.2.2.2.6.2 *REP\_EXE\_IR\_24 - Nomenclature/Measures by Measure Type - PR-REP-REP-32 Nomenclature description selection order*

**Message:** rep\_exe\_ir\_24.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-32 Nomenclature description selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_23.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report Content: In the report, the nomenclature records are ordered by ascending code.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.2.2.6.3 *REP\_EXE\_IR\_25 - Nomenclature/Measures by Measure Type - PR-REP-REP-33 Update date and time interval*

**Message:** rep\_exe\_ir\_25.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-33 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_23.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report  
**Content:** In the report, when an update date and time interval is specified, only the records that have been updated in that time range must be selected. This restriction applies to:

- Nomenclature code;
- Number of indent;
- Nomenclature goods description, only for the selected language;
- Footnote association.

### 3.2.2.2.6.4 *REP\_EXE\_IR\_26 - Nomenclature/Measures by Measure Type -insert valid with snapshot date*

**Message:** rep\_exe\_ir\_26.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_23 with good nomenclature and measure records having been created before 2001-12-31 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Nomenclature/Measures by Measure Type report

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

request with parameters:

| Parameters      | Values                                      |
|-----------------|---|
|                 | goods nomenclature range from<br>0101000000 |
|                 | goods nomenclature range to<br>0101109090   |
|                 | measure type           142                  |
|                 | goods nomenclature level 10                 |
| header language | EN  |
| data language   | EN  |

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Insert a Nomenclature/Measures by Measure Type report request with parameters:

| Parameters      | Values                                      |
|-----------------|---|
|                 | snapshot date       2001-12-31 00:00:00     |
|                 | goods nomenclature range from<br>0101000000 |
|                 | goods nomenclature range to<br>0101109090   |
|                 | measure type       142                      |
|                 | goods nomenclature level 10                 |
| header language | EN  |
| data language   | EN  |

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains goods nomenclatures between “0101000000” and “0101109090”.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and only contains goods nomenclatures between “0101000000” and “0101109090” having been created before “2001-

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

12-31”.

### 3.2.2.2.7 *Additional Codes*

#### 3.2.2.2.7.1 *REP\_EXE\_IR\_27 - Additional Codes - Execute report*

**Message:** rep\_exe\_ir\_27.xml

**Test purpose:** The aim of this test is to check that an "Additional Codes" report can be generated, and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs 2 report executions in order to test the processing.

The following distinct subtypes of reports are tested:

- a report with historic parameter set to true;
- a report with historic parameter set to false.

**Precondition:** The data base must contain:

- stable Additional code records;
- unstable Additional code records;
- Additional code records within “Additional Code type Range” from "7" to "8";
- Additional code records outside “Additional Code type Range” from "7" to "8";
- Additional code records within “Additional Code Range” from "030" to "995";
- Additional code records outside “Additional Code Range” from "030" to "995";
- stable Meursing additional code;
- unstable Meursing additional code;
- Meursing additional code records within “Additional Code type Range” from "7" to "8";
- Meursing additional code records outside “Additional Code type Range” from "7" to "8";
- Meursing additional code records within “Additional Code Range” from "030"

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

to "995";

- Meursing additional code records outside “Additional Code Range” from "030" to "995".

**Content:**

The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields (additional code type between “7” and “8”, additional code between “030” and “995”), set the historic parameter to true. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Submit a report, with a representative set of fields (additional code type between “7” and “8”, additional code between “030” and “995”), set the historic parameter to false. Set the "requested.start.time" to a past time in order to run it immediately.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report  
Content: The report contains stable additional code and stable meursing additional code records within the “Additional Code type Range” from "7" to "8" and the “Additional Code Range” from "030" to "995". The date and type of update are present on the report.

In order to check the report details, read [TARIC-REP-PM] 4.5.1.7. Additional Codes.

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report  
Content: The report contains stable additional code and stable meursing additional code records within the “Additional Code type Range” from "7" to "8" and the “Additional Code Range” from "030" to "995". The date and type of update are not present on the report.

In order to check the report details, read [TARIC-REP-PM] part 4.5.1.7. Additional Codes.

**3.2.2.2.7.2 REP\_EXE\_IR\_28 - Additional Codes - PR-REP-REP-34 Additional code selection order**

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|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_28.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-34 Additional code selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_27.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report Content: In the report, the additional code records are ordered by ascending code.

### 3.2.2.2.7.3 *REP\_EXE\_IR\_29 - Additional Codes - PR-REP-REP-35 Update date and time interval*

**Message:** rep\_exe\_ir\_29.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-35 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_27.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report  
Content: In the report, when an update date and time interval is specified, only the records that have been updated in that time range must be selected.  
This restriction applies to:  
- Additional codes;  
- Additional codes description;  
- Footnote association.

**3.2.2.2.7.4 REP\_EXE\_IR\_30 - Additional Codes -insert valid with snapshot date**

**Message:** rep\_exe\_ir\_30.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_27 with additional code records having been created before 1999-01-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert an Additional Codes report request with parameters:

| Parameters      | Values                            |
|-----------------|-----------------------------------|
|                 | additional code type range from 8 |
|                 | additional code type range to 8   |
|                 | additional code range from000     |
|                 | additional code range to 060      |
| header language | EN                                |
| data language   | EN                                |
| history         | 1                                 |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert an Additional Codes report request with parameters:

| Parameters                      | Values              |
|---------------------------------|---------------------|
| snapshot date                   | 1999-01-01 00:00:00 |
| additional code type range from | 8                   |
| additional code type range to   | 8                   |
| additional code range from      | 000                 |
| additional code range to        | 060                 |
| header language                 | EN                  |

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

data language EN  
history 1

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains additional codes between “000” and “060”.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains only additional codes between “000” and “060” having been created before “1999-01-01”.

**3.2.2.2.8 Additional Codes Cross-Reference**

**3.2.2.2.8.1 REP\_EXE\_IR\_31 - Additional Codes Cross-Reference - Execute report**

**Message:** rep\_exe\_ir\_31.xml

**Test purpose:** The aim of this test is to check that an "Additional Codes Cross-Reference" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs 2 report executions in order to test the processing.

The following distinct subtypes of reports are tested:

- a report with “Additional Code type Range” specified (from "7" to "8");
- a report without Additional Code type Range” specified.

**Precondition:** The data base must contain:

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- stable Additional code records;
- unstable Additional code records;
- Additional code records within “Additional Code type Range” from "7" to "8";
- Additional code records outside “Additional Code type Range” from "7" to "8";
- Additional code records with an "Additional Code type" set to 0;
- Additional code records whose application code is different than 0;
- Additional code records whose application code is equals to 0;
- Additional code records within “Additional Code Range” from "030" to "995";
- Additional code records outside “Additional Code Range” from "030" to "995";
- Additional code records with measure type set to "552";
- Additional code records with measure type not set to "552";
- stable Meursing additional code;
- unstable Meursing additional code;
- Meursing additional code records within “Additional Code type Range” from "7" to "8";
- Meursing additional code records outside “Additional Code type Range” from "7" to "8";
- Meursing additional code records within “Additional Code Range” from "030" to "995";
- Meursing additional code records outside “Additional Code Range” from "030" to "995";
- Meursing additional code records with measure type set to "552";
- Meursing additional code records with measure type not set to "552".

**Content:**

The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (goods nomenclature in “2611900000” – “3701903000”, measure type “552”), set “Additional Code type Range” from "7" to "8". Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Submit a report, with a representative set of fields (goods nomenclature in “2611900000” – “3701903000”, measure type “552”), do

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

not set “Additional Code type Range”. Set the "requested.start.time" to a past time in order to run it immediately.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains additional code and meursing additional code which are stable, within Additional Code type Range” from "7" to "8", within “Additional Code Range” from "030" to "995", with measure equals to “552”.

In order to check the report details, read [TARIC-REP-PM] 4.5.1.8. Additional Codes Cross-Reference.

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report Content: The report contains additional code and meursing additional code which are stable, with Additional Code type whose application code is different from 0, within “Additional Code Range” from "030" to "995", with measure equals to “552”.

In order to check the report details, read [TARIC-REP-PM] 4.5.1.8. Additional Codes Cross-Reference.

**3.2.2.2.8.2 REP\_EXE\_IR\_32 - Additional Codes Cross-Reference - PR-REP-REP-36 Additional code selection order**

**Message:** rep\_exe\_ir\_32.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-36 Additional code selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_31.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report Content: In the report, the additional code records are ordered by ascending code.

**3.2.2.2.8.3 *REP\_EXE\_IR\_33 - Additional Codes Cross-Reference - PR-REP-REP-37 Additional code history selection order***

**Message:** rep\_exe\_ir\_33.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-37 Additional code history selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_31.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report Content: In the report, the additional code history data are selected in descending update date for each kind of record type.

**3.2.2.2.8.4 *REP\_EXE\_IR\_34 - Additional Codes Cross-Reference -insert valid with snapshot date***

**Message:** rep\_exe\_ir\_34.xml

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_31 with additional code records having been created before 1997-01-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Additional Codes Cross-Reference report request with parameters:

| <b>Parameters</b>               | <b>Values</b> |
|---------------------------------|---------------|
| additional code type range from | 7             |
| additional code type range to   | 8             |
| additional code range from      | 030           |
| additional code range to        | 995           |
| goods nomenclature from         | 2611900000    |
| goods nomenclature from         | 4201903000    |
| measure type                    | 552           |
| header language                 | EN            |
| data language                   | EN            |
| history                         | 1             |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Additional Codes Cross-Reference report request with parameters:

| <b>Parameters</b>               | <b>Values</b>       |
|---------------------------------|---------------------|
| snapshot date                   | 1997-01-01 00:00:00 |
| additional code type range from | 7                   |
| additional code type range to   | 8                   |
| additional code range from      | 030                 |
| additional code range to        | 995                 |
| goods nomenclature from         | 2611900000          |
| goods nomenclature from         | 4201903000          |
| measure type                    | 552                 |
| header language                 | EN                  |
| data language                   | EN                  |
| history                         | 1                   |

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected** The message is composed of transactions and the status that reply to the original

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**output:** transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains additional codes between “030” and “995”.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains only additional codes between “030” and “995” created before “1997-01-01”.

### 3.2.2.2.9 *Regulations*

#### 3.2.2.2.9.1 *REP\_EXE\_IR\_35 - Regulations - Execute report*

**Message:** rep\_exe\_ir\_35.xml

**Test purpose:** The aim of this test is to check that a "Regulations" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain:

- regulation records with historic data;
- stable regulation records;
- unstable regulation records;
- regulation records within “Regulation role type” range from "1" to "8";
- regulation records outside “Regulation role type” range from "1" to "8";
- regulation records within “Regulation id” range from "C0000000" to "R9999999";
- regulation records outside “Regulation id” range from "C0000000" to "R9999999";
- regulation records within “Regulation group” “DUM”;
- regulation records outside “Regulation group” “DUM”.

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|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (“regulation role type” range “1”-“8”, “regulation id” range “R0000000”-“R9999999”, validity start date range “1990-01-01”-“2000-01-01”, validity end date range “2005-01-01”-“2020-01-01”). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report  
Content: The report contains regulation whose “regulation role type” range “1”-“8”, “regulation id” range “R0000000”-“R9999999”, regulation group, validity start date range “1990-01-01”-“2000-01-01”, validity end date range “2005-01-01”-“2020-01-01”.

Find below fields present for all records:

- Regulation identifier;
- Publication date;
- Official journal number;
- Journal page number;
- Description text;
- Stable information.

For each record, the selected fields of the regulation role are:

- Validity period start and end date;
- Explicit end date;
- Approved flag (Only for Draft regulation);
- Community code;
- Regulation group identifier.

For regulation role “Base regulation”, read the process model in order to check the exact report generation.

For regulation role “Modification regulation”, read the process model in order to check the exact report generation.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

For regulation role “Prorogation regulation”, read the process model in order to check the exact report generation.

For regulation role “Abrogation regulation”, read the process model in order to check the exact report generation.

For regulation role “FTS regulation”, check the process model in order to check the exact report generation.

### 3.2.2.2.9.2 *REP\_EXE\_IR\_36 - Regulations - PR-REP-REP-38 Regulation selection order*

**Message:** rep\_exe\_ir\_36.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-38 Regulation selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_35.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: in the report, the regulations are selected in ascending regulation order identifier within the various selections.

### 3.2.2.2.9.3 *REP\_EXE\_IR\_37 - Regulations - PR-REP-REP-39 Regulation history selection order*

**Message:** rep\_exe\_ir\_37.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-39 Regulation history selection order" is associated with the report.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_40.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: in the report, the regulation history data are selected in descending update date for each kind of regulation.

#### ***3.2.2.2.9.4 REP\_EXE\_IR\_38 - Regulations - PR-REP-REP-40 Update date and time interval***

**Message:** rep\_exe\_ir\_38.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-40 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_35 with:

- Regulations having been updated between “2001-01-01T00:00:00” and “2004-01-01T00:00:00” and others outside that update date time range.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: in the report, when an update date and time interval is specified, only the regulation and role regulation records having been updated in that time range must be selected.

**3.2.2.2.9.5 REP\_EXE\_IR\_39 - Regulations -insert valid with snapshot date**

**Message:** rep\_exe\_ir\_39.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_35 with regulations having been created before 1999-01-01 and others after that date.

**Content:** The test case is composed of the following transactions:

Message 1. Insert a Regulations report request with parameters:

| Parameters      | Values                            |
|-----------------|-----------------------------------|
|                 | regulation id range from C0000000 |
|                 | regulation id range to D99999999  |
| header language | EN                                |
| history         | 0                                 |

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Insert a Regulations report request with parameters:

| Parameters      | Values                            |
|-----------------|-----------------------------------|
|                 | snapshot date 1999-01-01 00:00:00 |
|                 | regulation id range from C0000000 |
|                 | regulation id range to D99999999  |
| header language | EN                                |
| history         | 0                                 |

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

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| REPORT                                   |                     |

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, the header is in English, has the specified format (see doc [spec]) and contains all regulations from C0000000 to D9999999.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, the header is in English, has the specified format and contains all regulations from C0000000 to D9999999 havng been created before 1999-01-01

### 3.2.2.2.10 *Footnotes*

#### 3.2.2.2.10.1 *REP\_EXE\_IR\_40 - Footnotes - Execute report*

**Message:** rep\_exe\_ir\_40.xml

**Test purpose:** The aim of this test is to check that a "Footnotes" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

**Precondition:** The data base must contain:

- footnote records with historic data;
- stable footnote records;
- unstable footnote records;
- footnote records within “Footnote type Range” from "AA" to "DD";
- footnote records outside “Footnote type Range” from "AA" to "DD";
- footnote records within “Footnote Code Range” from "000" to "100";
- footnote records outside “Footnote Code Range” from "000" to "100".
- footnote records within “validity start date” range “1999-01-01”-“2002-01-01” and “validity end date” range “2004-01-01”-“2009-01-11”.

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| REPORT                                   |                     |

- footnote records outside “validity start date” range “1999-01-01”-“2002-01-01” and “validity end date” range “2004-01-01”-“2009-01-11”.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (stable/unstable indicator is set to "0" stable, the “Footnote type Range” is from "AA" to "DD", the “Footnote Code Range” is from "000" to "100", “validity start date” range “1999-01-01”-“2002-01-01” and “validity end date” range “2004-01-01”-“2009-01-11”. ), set historic parameter to true. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: The report contains only stable footnote records within the “Footnote type” range "AA" to "DD", the “Footnote Code” range "000" to "100", “validity start date” range “1999-01-01”-“2002-01-01” and “validity end date” range “2004-01-01”-“2009-01-11”. Update date and type of the footnotes are present on the report.

In order to check the report details, read [TARIC-REP-PM] 4.5.3. Footnotes.

**Reply to message 3.** Status ok. The report is correctly inserted.

**Reply to message 4.** Status ok. The report exists. Analyse manually the report content: The report contains only stable footnote records within the “Footnote type” range "AA" to "DD", the “Footnote Code” range "000" to "100", “validity start date” range “1999-01-01”-“2002-01-01” and “validity end date” range “2004-01-01”-“2009-01-11”. Update date and type of the footnotes are not present on the report.

In order to check the report details, read [TARIC-REP-PM] 4.5.3. Footnotes.

### ***3.2.2.2.10.2 REP\_EXE\_IR\_41 - Footnotes - PR-REP-REP-41 Footnote description selection order***

**Message:** rep\_exe\_ir\_41.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-41 Footnote description selection order" is associated with the report.

In this test a report is submitted and executed.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_40.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the footnote description periods are ordered by ascending start date.

### 3.2.2.2.10.3 *REP\_EXE\_IR\_42 - Footnotes - PR-REPREP-42 Footnote history selection order*

**Message:** rep\_exe\_ir\_42.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-42 Footnote history selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_40.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields with history set o "1". Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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|--|---------------------|
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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: In the report, the footnote history data are selected in descending update date for each kind of record type.

#### 3.2.2.2.10.4 *REP\_EXE\_IR\_43 - Footnotes - PR-REP-REP-43 Update date and time interval*

**Message:** rep\_exe\_ir\_43.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-43 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_40 with:

- Footnotes, footnotes description period or footnote description having been updated between “1998-01-01T00:00:00” and “1999-01-01T00:00:00” and others outside that update date time range.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: In the report, when an update date and time interval is specified, only the records that have been updated in that time range must be selected. This restriction applies to:

- Footnotes;
- Footnotes description period;
- Footnotes description.

#### 3.2.2.2.10.5 *REP\_EXE\_IR\_44 - Footnotes - Snapshot date*

|  |                     |
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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_44.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_40 with footnote having been created before 1999-01-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Footnotes report request with parameters:

| <b>Parameters</b> | <b>Values</b>                               |
|-------------------|---|
|                   | footnote code range from 000                |
|                   | footnote code range to 100                  |
|                   | footnote code type range from [REDACTED] AA |
|                   | footnote code type range to [REDACTED] DD   |
| header language   | EN  |
| history           | 0   |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Footnotes report request with parameters:

| <b>Parameters</b> | <b>Values</b>                               |
|-------------------|---|
|                   | snapshot date 1999-01-01 00:00:00           |
|                   | footnote code range from 000                |
|                   | footnote code range to 100                  |
|                   | footnote code type range from [REDACTED] AA |
|                   | footnote code type range from [REDACTED] DD |
| header language   | EN  |
| history           | 0   |

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report request is correctly inserted.

**Reply to message 2.** Status ok. The report exists, the header is in English, has the specified format (see doc [spec]) and contains footnotes with codes 359, 361, 370 and type TM.

**Reply to message 3.** Status ok. The report request is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains footnotes 359 and 360 with type TM.

### 3.2.2.2.11 *Footnote Cross-Reference*

#### 3.2.2.2.11.1 *REP\_EXE\_IR\_45 - Footnote Cross-Reference - Execute report*

**Message:** rep\_exe\_ir\_45.xml

**Test purpose:** The aim of this test is to check that a "Footnote Cross-Reference" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs a report execution in order to test the processing.

**Precondition:** The data base must contain:

- Goods Nomenclature Footnote Association linked footnote whose nomenclature code is included in the specified "product range";
- ERN Nomenclature Footnote Association linked footnote whose nomenclature code is included in the specified "product range";
- Measure Footnote Association linked footnote whose nomenclature code is included in the specified "product range";
- Additional Code Footnote Association linked footnote whose nomenclature code is included in the specified "product range";
- Meursing Heading Footnote Association linked footnote whose nomenclature code is included in the specified "product range".

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (Footnote type range "PB"- "PN", code range "000"- "030", goods nomenclature range "0700000000" – "0800000000"). Set the "requested.start.time" to a past time in order to run it *immediately*.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Submit a report, with a representative set of fields (Footnote type = "NX", code range "000"- "010", goods nomenclature range "1102201000" – "1109000000"). Set the "requested.start.time" to a past

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

time in order to run it *immediately*.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 5. Submit a report, with a representative set of fields (Footnote type = “CD”, code range “100”-“102”). Set the "requested.start.time" to a past time in order to run it *immediately*.

Message 6. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: the report contains footnote records, with footnote type range “PB”-“PN”, code range “000”-“030”, goods nomenclature range “0700000000” – “0800000000” .

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report content: the report contains footnote records, with footnote type = “NX”, code range “000”-“010”, goods nomenclature range “1102201000” – “1109000000”.

Reply to message 5. Status ok. The report is correctly inserted.

Reply to message 6. Status ok. The report exists. Analyse manually the report content: the report contains footnote records, with footnote type = “CD”, code range “100”-“200”, measure type range “050”-“200”, geographical area range “AA”-“DD”.

In order to check the report details, read [TARIC-REP-PM] 4.5.4. Footnote Cross-Reference.

**3.2.2.2.11.2 REP\_EXE\_IR\_46 - Footnote Cross-Reference - PR-REP-REP-44 Goods nomenclature footnote association selection order**

**Message:** rep\_exe\_ir\_46.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-44 Goods nomenclature footnote association selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_45.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: in the report, the goods nomenclature footnote associations are ordered by ascending goods code and association period start date.

### ***3.2.2.2.11.3 REP\_EXE\_IR\_47 - Footnote Cross-Reference - PR-REP-REP-45 Export refund nomenclature footnote association selection order***

**Message:** rep\_exe\_ir\_47.xml

**Test purpose:** The aim of this test is to verify that the process rule "PR-REP-REP-45 Export refund nomenclature footnote association selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_45.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

content: in the report, the export refund nomenclature footnote associations are ordered by ascending CN code, ERN additional code (ERN extension) and association period start date.

#### ***3.2.2.2.11.4 REP\_EXE\_IR\_48 - Footnote Cross-Reference - PR-REP-REP-46 Measure footnote association selection order***

**Message:** rep\_exe\_ir\_48.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-46 Measure footnote association selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_45.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: in the report, the measure footnote associations are ordered according to the three sorting order criteria. Value "1" defines the first ascending order, value "2" the second one, and so on.

#### ***3.2.2.2.11.5 REP\_EXE\_IR\_49 - Footnote Cross-Reference - PR-REP-REP-47 Additional code footnote association selection order***

**Message:** rep\_exe\_ir\_49.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-47 Additional code footnote association selection order" is associated with the report.

In this test a report is submitted and executed.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_45.

**Content:** The test case is composed of the following transactions:

**Message 1.** Insert a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: in the report, the Additional code footnote associations are ordered by ascending additional and association period start date.

### ***3.2.2.2.11.6 REP\_EXE\_IR\_50 - Footnote Cross-Reference - PR-REP-REP-48 Meursing heading footnote association selection order***

**Message:** rep\_exe\_ir\_50.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-48 Meursing heading footnote association selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_45.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

content: in the report, the Measuring heading footnote associations are ordered by ascending table plan reference, heading number, row/column code and association period start date.

### 3.2.2.2.11.7 *REP\_EXE\_IR\_51 - Footnote Cross-Reference - Snapshot date*

**Message:** rep\_exe\_ir\_51.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_45 with footnote having been created before 1997-01-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Footnote Cross-Reference report request with parameters:

| <b>Parameters</b>               | <b>Values</b>                               |
|---------------------------------|---|
|                                 | footnote code range from 001                |
|                                 | footnote code range to 010                  |
|                                 | footnote code type range from [redacted] NX |
|                                 | footnote code type range to [redacted] NX   |
|                                 | simulation date 200-01-02                   |
| header language                 | EN  |
| data language                   | EN  |
| product code sorting order      | 1   |
| measure sorting order           | 2   |
| geographical area sorting order | 3   |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Footnote Cross-Reference report request with parameters:

| <b>Parameters</b>          | <b>Values</b>                               |
|----------------------------|---|
|                            | snapshot date 1997-01-01 00:00:00           |
|                            | footnote code range from 001                |
|                            | footnote code range to 010                  |
|                            | footnote code type range from [redacted] NX |
|                            | footnote code type range to [redacted] NX   |
|                            | simulation date 200-01-02                   |
| header language            | EN  |
| data language              | EN  |
| product code sorting order | 1   |
| measure sorting order      | 2   |

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

geographical area sorting order 3

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains footnotes with code 001 to 200 for footnote type “NX”.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and and contains footnotes with code 001 to 200 for footnote type “NX” having been created before 1997-01-01.

**3.2.2.2.12 Countries and Country Groups**

**3.2.2.2.12.1 REP\_EXE\_IR\_52 - Countries and Country Groups - Execute report**

**Message:** rep\_exe\_ir\_52.xml

**Test purpose:** The aim of this test is to check that a "Countries and Country Groups" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report Content.

**Precondition:** The data base must contain:

- stable geographical area records;
- unstable geographical area records ;
- geographical area records included in the specified geographical area range ‘AA’ – ‘DD’ and having a vality period start date in ‘1990-1-1’ and ‘1992-1-1’.
- geographical area records included in the specified geographical area range ‘1000’ – ‘1050’ and having a vality period start date in ‘1990-1-1’ and ‘1992-1-1’.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

geographical area records not included in the specified geographical area range and validity start period range.

- geographical area records with an area code type defined as a group;
- geographical area records with an area code type defined as a country;
- geographical area records with a code area type defined as an area.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (geographical area code “AA”-“DD”). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Submit a report, with a representative set of fields (geographical area code “1000”-“1050”). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: The report contains stable geographical area included in the geographical area ‘AA’ and ‘DD’ having a validity start period in range ‘1990-1-1’ and ‘1992-1-1’ and being stable.

**Reply to message 3.** Status ok. The report is correctly inserted.

**Reply to message 4.** Status ok. The report exists. Analyse manually the report content: The report contains stable geographical area included in the geographical area ‘1000’ and ‘1050’ having a validity start period in range ‘1990-1-1’ and ‘1992-1-1’ and being stable.

In order to check the report details, read [TARIC-REP-PM] 4.5.5. Countries and Country Groups.

**3.2.2.2.12.2 REP\_EXE\_IR\_53 - Countries and Country Groups - PR-REP-REP-49 Countries and country group s selection order**

**Message:** rep\_exe\_ir\_53.xml

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Test purpose:** The aim of this test is to check that the process rule a "PR-REP-REP-49 Countries and country group s selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_52.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately. Set the sorting field to "name"

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately. Set the sorting field to "code"

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 5.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately. Set the sorting field to "sigle"

**Message 6.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the countries and country groups are ordered according to the selected sorting field. When the sorting field name has been selected, the sorting field is defined in the first description (the one with a validity start date identical to the country or country group validity start date).

**Reply to message 3.** Status ok. The report is correctly inserted.

**Reply to message 4.** Status ok. The report exists. Analyse manually the report content: In the report, the countries and country groups are ordered according to the selected sorting field. When the sorting field name has been selected, the sorting field is defined in the first description (the one with a validity start date identical to the country or country group validity start date).

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Reply to message 5. Status ok. The report is correctly inserted.

Reply to message 6. Status ok. The report exists. Analyse manually the report content: In the report, the countries and country groups are ordered according to the selected sorting field. When the sorting field name has been selected, the sorting field is defined in the first description (the one with a validity start date identical to the country or country group validity start date).

### ***3.2.2.2.12.3 REP\_EXE\_IR\_54 - Countries and Country Groups - PR-REP-REP-50 Update date and time interval***

**Message:** rep\_exe\_ir\_54.xml

**Test purpose:** The aim of this test is to check that the process rule a "PR-REP-REP-50 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_52 with:

- Geographical area having been updated between “1990-01-01T00:00:00” and “1992-01-01T00:00:00” and others outside that update date time range.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, when an update date and time interval is specified, only the geographical area, description period and short description records that have been updated in that time range must be selected.

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| REPORT                                   |                     |

#### 3.2.2.2.12.4 *REP\_EXE\_IR\_55 - Countries and Country Groups - Snapshot date*

**Message:** rep\_exe\_ir\_55.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_52 with geographical area records having been created before 1996-01-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Countries and Country Groups report request with parameters:

| <b>Parameters</b> | <b>Values</b>                     |
|-------------------|-----------------------------------|
|                   | geographical area range from 1000 |
|                   | geographical area range to 1050   |
| Simulation date   | 1991-01-01                        |
| header language   | EN                                |
| data language     | EN                                |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Countries and Country Groups report request with parameters:

| <b>Parameters</b>          | <b>Values</b>                     |
|----------------------------|-----------------------------------|
| snapshot date              | 1996-01-01 00:00:00               |
|                            | geographical area range from 1000 |
| geographical area range to | 1050                              |
| header language            | EN                                |
| data language              | EN                                |

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report request is correctly inserted.

**Reply to message 2.** Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains all countries between “1000”

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and “1050”.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains only the countries between “1000” and “1050” created before 1996-01-01.

### 3.2.2.2.13 *Country Groups and Constituent Countries*

#### 3.2.2.2.13.1 *REP\_EXE\_IR\_56 - Country Groups and Constituent Countries - Execute report*

**Message:** rep\_exe\_ir\_56.xml

**Test purpose:** The aim of this test is to check that a "Country Groups and Constituent Countries" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report Content.

The test case needs a report execution in order to test the processing.

For this report the specified geographical area range is set from "1000" to "2400", the stable/unstable indicator is set to "0" stable,

**Precondition:** The data base must contain:

- stable geographical area records;
- unstable geographical area records;
- geographical area records included in the specified geographical area range;
- geographical area records not included in the specified geographical area range;
- geographical area records with an area code type defined as a group;
- geographical area records with an area code type defined as a country;
- geographical area records with a code area type defined as an area.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields(geographical area code “1000”-“2400”). Set the "requested.start.time" to a past time in

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order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains stable geographical area included in the geographical area range [“1000”,”2400”], and whose area code type defines it as a group.

In order to check the report details, read [TARIC-REP-PM] 4.5.6. Country Groups and Constituent Countries.

**3.2.2.2.13.2 REP\_EXE\_IR\_57 - Country Groups and Constituent Countries - PR-REP-REP-51 Country groups and constituent countries selection order**

**Message:** rep\_exe\_ir\_57.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-51 Country groups and constituent countries selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_56.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields and a selection order on name. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Submit a report, with a representative set of fields and a selection order oncode. Set the "requested.start.time" to a past time in order to run it immediately.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the countries are ordered according to the selected sorting field (name).

**Reply to message 3.** Status ok. The report is correctly inserted.

**Reply to message 4.** Status ok. The report exists. Analyse manually the report content: In the report, the countries are ordered according to the selected sorting field (code).

### 3.2.2.2.13.3 *REP\_EXE\_IR\_58 - Country Groups and Constituent Countries - Snapshot date*

**Message:** rep\_exe\_ir\_58.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_56 with geographical area records having been created before 2000-01-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Country Groups and Constituent Countries report request with parameters:

| <b>Parameters</b>            | <b>Values</b> |
|------------------------------|---------------|
| geographical area range from | 1000          |
| geographical area range to   | 2400          |
| simulation date              | 1999-01-01    |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Country Groups and Constituent Countries report request with parameters:

| <b>Parameters</b>            | <b>Values</b>       |
|------------------------------|---------------------|
| snapshot date                | 2000-01-01 00:00:00 |
| geographical area range from | 1000                |
| geographical area range to   | 2400                |
| simulation date              | 1999-01-01          |

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| REPORT                                   |                     |

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains all country group in the given range and valid at the simulation date.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains all country group create before 2000-01-01 (in the given range and valid at the simulation date).

### 3.2.2.2.14 *Measure Type Series*

#### 3.2.2.2.14.1 *REP\_EXE\_IR\_59 - Measure Type Series - Execute report*

**Message:** rep\_exe\_ir\_59.xml

**Test purpose:** The aim of this test is to check that "Measure Type Series" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report Content.

The test case needs a report execution in order to test the processing.

For this report the simulation date is "1995-01-01".

**Precondition:** The data base must contain:

- measure type linked with measure type series valid at “1995-01-01”;
- measure type linked with measure type series not valid at “1995-01-01”.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields (see test case purpose). Set the "requested.start.time" to a past time in order to run it

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| REPORT                                   |                     |

immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains only measure type records valid the "1995-01-01".

In order to check the report details, read [TARIC-REP-PM] 4.5.7. Measure Type Series.

**3.2.2.2.14.2 REP\_EXE\_IR\_60 - Measure Type Series - PR-REP-REP-52 Measure type series selection order**

**Message:** rep\_exe\_ir\_60.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-52 Measure type series selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

For this report the simulation date is "1995-01-01".

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_59.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: In the report, the measure type series records are ordered by ascending code.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**3.2.2.2.14.3 REP\_EXE\_IR\_61 - Measure Type Series - PR-REP-REP-53 Measure type selection order**

**Message:** rep\_exe\_ir\_61.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-53 Measure type selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_59.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the measure type records are ordered by ascending code.

**3.2.2.2.14.4 REP\_EXE\_IR\_62 - Measure Type Series - PR-REP-REP-54 Update date and time interval**

**Message:** rep\_exe\_ir\_62.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-54 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_59 with:

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| REPORT                                   |                     |

- Measure type having been updated between “1999-01-01T00:00:00” and “2000-01-01T00:00:00” and others outside that update date time range.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, when an update date and time interval is specified, only the measure type that has been updated in that time range must be selected.

#### 3.2.2.2.14.5 *REP\_EXE\_IR\_63 - Measure Type Series - Snapshot date*

**Message:** rep\_exe\_ir\_63.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_59 with measure type records having been created before 2000-01-01 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Measure Type Series report request with parameters:

| <b>Parameters</b>         | <b>Values</b>         |
|---------------------------|-----------------------|
| Validity start date range | 1970-01-01 1980-01-01 |
| header language           | EN                    |
| data language             | EN                    |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Measure Type Series report request with parameters:

| <b>Parameters</b>       | <b>Values</b>         |
|-------------------------|-----------------------|
| Validity end date range | 1990-01-01 2020-01-01 |
| snapshot date           | 2000-01-01 00:00:00   |

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header language            EN  
data language                EN

Message 4.        Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1.        Status ok. The report request is correctly inserted.

Reply to message 2.        Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains all Measure type series.

Reply to message 3.        Status ok. The report request is correctly inserted.

Reply to message 4.        Status ok. The report exists, header is in English, has the specified format and contains only Measure type series created before the 2000-01-01.

**3.2.2.2.15        Certificates**

**3.2.2.2.15.1      REP\_EXE\_IR\_64 - Certificates - Execute report**

**Message:**            rep\_exe\_ir\_64.xml

**Test purpose:**        The aim of this test is to check that a "Certificates" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report Content.

The test case needs 2 report executions in order to test the processing:

- a report with historic parameter set to true;
- a report with historic parameter set to false.

For this report the certificate type range is set from "A" to "C", the certificate code range is set from "001" to "016".

**Precondition:**        The data base must contain:

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- certificates with an historic;
- certificates within the certificate type range from "A" to "C";
- certificates outside the certificate type range from "A" to "C";
- certificates within the certificate code range from "001" to "016";
- certificates outside the certificate code range from "001" to "016".

**Content:**

The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields (see test case purpose), set the historic parameter to true. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Submit a report, with a representative set of fields (see test case purpose), set the historic parameter to false. Set the "requested.start.time" to a past time in order to run it immediately.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains data with date and type of update, whose certificate type range is from "A" to "C", and whose the certificate code range is from "001" to "016".

In order to check the report details, read [TARIC-REP-PM] 4.5.8. Certificates

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report content: The report contains data with no date and type of update, whose certificate type range is from "A" to "C", and whose the certificate code range is from "001" to "016".

In order to check the report details, read [TARIC-REP-PM] 4.5.8. Certificates.

**3.2.2.2.15.2 REP\_EXE\_IR\_65 - Certificates - PR-REP-REP-55 Certificate selection order**

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_65.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-55 Certificate selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

For this report the certificate type range is set from "A" to "C", the certificate code range is set from "001" to "016".

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_64.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the certificate description periods are ordered by ascending start date.

### 3.2.2.2.15.3 *REP\_EXE\_IR\_66 - Certificates - PR-REP-REP-56 Footnote history selection order*

**Message:** rep\_exe\_ir\_66.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-56 Footnote history selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

For this report the certificate type range is set from "C" to "C", the certificate code range is set from "001" to "016".

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_64.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the certificate history data are selected in descending update date for each kind of record type.

#### ***3.2.2.2.15.4 REP\_EXE\_IR\_67 - Certificates - PR-REP-REP-57 Update date and time interval***

**Message:** rep\_exe\_ir\_67.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-57 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_64 with:

- Certificates, certificates description period , certificates description having been updated between “1997-01-01T00:00:00” and “2003-01-01T00:00:00” and others outside that update date time range.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, when an update date and time interval is specified,

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

only the records that have been updated in that time range must be selected.  
This restriction applies to:

- Certificates;
- Certificates description period;
- Certificates description.

**3.2.2.2.15.5 REP\_EXE\_IR\_68 - Certificates - Snapshot date**

**Message:** rep\_exe\_ir\_68.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_64 with certificate records having been created before 1999-06-30 and others after that date.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Certificates report request with parameters:

| <b>Parameters</b>           | <b>Values</b> |
|-----------------------------|---------------|
| certificate type range from | A             |
| certificate type range to   | C             |
| certificate code range from | 001           |
| certificate code range to   | 016           |
| header language             | EN            |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Certificates report request with parameters:

| <b>Parameters</b>           | <b>Values</b>       |
|-----------------------------|---------------------|
| snapshot date               | 1996-06-30 00:00:00 |
| certificate type range from | A                   |
| certificate type range to   | C                   |
| certificate code range from | 001                 |
| certificate code range to   | 016                 |
| header language             | EN                  |

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected** The message is composed of transactions and the status that reply to the original

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**output:** transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains certificate in the specified range.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains only the certificate in the specified range created before 1999-06-30.

### 3.2.2.2.16 *Certificates Cross Reference*

#### 3.2.2.2.16.1 *REP\_EXE\_IR\_69 - Certificates Cross Reference - Execute report*

**Message:** rep\_exe\_ir\_69.xml

**Test purpose:** The aim of this test is to check that "Certificates Cross Reference" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs a report execution in order to test the processing.

For this report the certificate type range is set from "A" to "C", the certificate code range is set from "001" to "010" at simulation date 1997-01-23.

**Precondition:** The data base must contain:

- certificates within the certificate type range from "A" to "C";
- certificates outside the certificate type range from "A" to "C";
- certificates within the certificate code range from "000" to "900";
- certificates outside the certificate code range from "000" to "900";
- measure condition linked with certificate records;
- measure linked with measure conditions.

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (see test case purpose). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: The report contains data with no date and type of update, whose certificate type range is from "A" to "C", and whose the certificate code range is from "001" to "010".

In order to check the report details, read [TARIC-REP-PM] 4.5.9. Certificates Cross Reference.

### ***3.2.2.2.16.2 REP\_EXE\_IR\_70 - Certificates Cross Reference - PR-REP-REP-58 Certificate selection order***

**Message:** rep\_exe\_ir\_70.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-58 Certificate selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

For this report the certificate type range is set from "A" to "C", the certificate code range is set from "010" to "020" at simulation date 1997-01-23.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_69.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: In the report, the certificate description periods are ordered by ascending start date.

### 3.2.2.2.16.3 *REP\_EXE\_IR\_71 - Certificates Cross Reference - Snapshot date*

**Message:** rep\_exe\_ir\_71.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_69 with record having been created before 1997-01-23T00:00:00 and others after that date.

**Content:** The test case is composed of the following transaction:

Message 1. Insert a Certificates Cross Reference report request with parameters:

| Parameters                  | Values     |
|-----------------------------|------------|
| certificate type range from | C          |
| certificate type range to   | C          |
| certificate code range from | 000        |
| certificate code range to   | 900        |
| simulation date             | 1997-01-23 |
| header language             | EN         |

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Insert a Certificates Cross Reference report request with parameters:

| Parameters                  | Values              |
|-----------------------------|---------------------|
| snapshot date               | 1996-03-01 00:00:00 |
| certificate type range from | C                   |
| certificate type range to   | C                   |
| certificate code range from | 000                 |
| certificate code range to   | 900                 |
| simulation date             | 1997-01-23          |
| header language             | EN                  |

Message 4. Once the previous scheduled job has been executed, query the

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains certificates having number between “A000” and “C900”.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains certificates having number between “A000” and “C900” created before 1997-03-01.

**3.2.2.2.17 Measures Temporarily Stopped**

**3.2.2.2.17.1 REP\_EXE\_IR\_72 - Measures temporarily stopped - Execute report**

**Message:** rep\_exe\_ir\_72.xml

**Test purpose:** The aim of this test is to check that a "Measures temporarily stopped" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs 2 reports execution in order to test the processing.

- a report with PTS Regulation parameter ("R9714600");
- a report without PTS Regulation parameter.

For this report simulation date is "1997-12-01".

**Precondition:** The data base must contain:

- measure partially temporarily stopped records linked with PTS Regulation parameter ("R9714600");
- measure partially temporarily stopped records not linked with PTS Regulation parameter ("R9714600");
- measure partially temporarily stopped records where specified simulation is

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

included in the PTS regulation range date;

- measure partially temporarily stopped records where specified simulation is not included in the PTS regulation range date;

- measure records associated with measure partially temporarily stopped records, valid at the simulation date;

- measure records associated with measure partially temporarily stopped records, invalid at the simulation date.

**Content:**

The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields (see test case purpose), set PTS regulation parameter to “R9714600”. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Submit a report, with a representative set of fields (see test case purpose), do not set PTS regulation parameter. Set the "requested.start.time" to a past time in order to run it immediately.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains measure partially temporarily stopped records linked with PTS Regulation parameter ("R9714600"), which are valid at the simulation date.

In order to check the report details, read [TARIC-REP-PM] 4.5.10. Measures Temporarily Stopped.

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report content: The report contains measure partially temporarily stopped records, which are valid at the simulation date.

In order to check the report details, read [TARIC-REP-PM] 4.5.10. Measures Temporarily Stopped.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_73.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-59 Temporarily stopped measure order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_72.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the measures are ordered by ascending logical key.

### 3.2.2.2.17.3 *REP\_EXE\_IR\_74 - Measures temporarily stopped - Snapshot date*

**Message:** rep\_exe\_ir\_74.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_72 with record having been created before 1997-02-01T00:00:00 and others after that date for measure temporarily stopped at date 1997-01-23.

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Measures temporarily stopped report request with parameters:

| Parameters      | Values     |
|-----------------|------------|
| simulation date | 1997-01-23 |
| header language | EN         |

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Insert a Measures temporarily stopped report request with parameters:

| <b>Parameters</b> | <b>Values</b>       |
|-------------------|---------------------|
| snapshot date     | 1997-01-23 00:00:00 |
| simulation date   | 1997-02-01          |
| header language   | EN                  |

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok.

Reply to message 2. Status ok. The report request is correctly inserted.

Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains measure temporarily stopped at date 1997-01-23.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains measure temporarily stopped at date 1997-01-23 but created before 1997-02-01.

**3.2.2.2.18 Measures**

**3.2.2.2.18.1 REP\_EXE\_IR\_75 - Measures - Execute report**

**Message:** rep\_exe\_ir\_75.xml

**Test purpose:** The aim of this test is to check that a "Measure" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

Tested element are listed bellow:

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Filtering:

- Filter on footnotes (type and code);
- Filter on certificates (type and code);
- Filter on excluded area;
- Filter on regulation group;
- Filter on duty component;
- Filter on measure condition;
- Filter on nomenclature (group type, group code).

Select depending on these parameters:

- "stable/unstable indicator";
- "measure type";
- "geographical area";
- "order number";
- "additional code type";
- "additional code ranges";
- "product range";
- "regulation".

The test case needs 9 report executions in order to test the processing.

When not specified, the "historic" "summary" field are set to false.

**Precondition:** The data base must contain :

- measures linked to footnote code from "001" to "002"; footnote type from "CA" to "CD";
- measures linked to certificate type = "A"; certificate code = "119";
- measures linked to excluded area "EUR" and regulation "C0000050" ;
- measures linked to regulation group "APL";
- measures linked to duty component "44";
- measures linked with measure type from "046" to "070";
- measures linked with nomenclature grou: Nomenclature Group Type "M";

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- Nomenclature Group Code "110000".

**Content:**

The test case is composed of the following transactions:

Message 1. Submit a report, set footnote code from "001" to "002", set footnote type from "CA" to "CD", set "stable/unstable indicator" parameter set to "0" stable. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Submit a report, set certificate type to "A", set certificate code to "119", set "stable/unstable indicator" parameter set to "0" stable. Set the "requested.start.time" to a past time in order to run it immediately.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 5. Submit a report, set excluded area to "EUR" and regulation to "C0000050". Set the "requested.start.time" to a past time in order to run it immediately.

Message 6. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 7. Submit a report, set regulation group to "APL". Set the "requested.start.time" to a past time in order to run it immediately.

Message 8. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 9. Submit a report, set duty component to "44". Set the "requested.start.time" to a past time in order to run it immediately.

Message 10. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 11. Submit a report, set measure type range from "046" to "070". Set the "requested.start.time" to a past time in order to run it immediately.

Message 12. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 13. Submit a report, set Nomenclature Group Type from "M" to "M", and set Nomenclature Group Code from "110000" to "110000". Set the "requested.start.time" to a past time in order to run it immediately.

Message 14. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 15. Submit a report, set historic to true. Set the

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

"requested.start.time" to a past time in order to run it immediately.

Message 16. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 17. Submit a report, set summary to true. Set the "requested.start.time" to a past time in order to run it immediately.

Message 18. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains only records with footnote code and type within the range defined in the report submission and the records are stable.

There are no historic, and no summary fields.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2).

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report content: The report contains only records with certificate type set to "A", and with certificate code "119" and with an unstable status.

There are no historic, and no summary fields.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2).

Reply to message 5. Status ok. The report is correctly inserted.

Reply to message 6. Status ok. The report exists. Analyse manually the report content: The report contains only records with excluded area set to "EUR", and with regulation "C0000050".

There are no historic, and no summary fields. There are stable and unstable data.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2).

Reply to message 7. Status ok. The report is correctly inserted.

Reply to message 8. Status ok. The report exists. Analyse manually the report content: The report contains only records with regulation group set to "APL".

There are no historic, and no summary fields. There are stable and unstable data.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2).

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to message 9. Status ok. The report is correctly inserted.

Reply to message 10. Status ok. The report exists. Analyse manually the report content: The report contains only records with duty component set to “44”.

There are no historic, and no summary fields. There are stable and unstable data.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2).

Reply to message 11. Status ok. The report is correctly inserted.

Reply to message 12. Status ok. The report exists. Analyse manually the report content: The report contains only records with measure type range from “046” to “070”.

There are no historic, and no summary fields. There are stable and unstable data.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2)

Reply to message 13. Status ok. The report is correctly inserted.

Reply to message 14. Status ok. The report exists. Analyse manually the report content: The report contains only records with Nomenclature Group Type set from "M" to "M", and Nomenclature Group Code set from "110000" to "110000".

There are no historic, and no summary fields. There are stable and unstable data.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2) .

Reply to message 15. Status ok. The report is correctly inserted.

Reply to message 16. Status ok. The report exists. Analyse manually the report content: The report contains records with historic data.

There are no summary fields. There are stable and unstable data.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2).

Reply to message 17. Status ok. The report is correctly inserted.

Reply to message 18. Status ok. The report exists. Analyse manually the report content: The report contains records with summary data.

There are no historic fields. There are stable and unstable data.

Check printed fields in the TARIC-REP-PM document (part 4.5.11.3.2).

### 3.2.2.2.18.2 *REP\_EXE\_IR\_76 - Measures - PR-REP-REP-60 Measure selection order*

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_76.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-60 Measure selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

For this report, the sorting order is:

- geographical area;
- measure type;
- product code;
- regulation;
- additional code;
- reduction pet;
- order number;
- start date.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_75.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the measures are ordered according to:

- geographical area;
- measure type;
- product code;

|  |                     |
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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

- regulation;
- additional code;
- reduction pet;
- order number;
- start date.

**3.2.2.2.18.3**    *REP\_EXE\_IR\_77 - Measures - PR-REP-REP-61 Measure condition selection order*

**Message:**            rep\_exe\_ir\_77.xml

**Test purpose:**      The aim of this test is to check that the process rule "PR-REP-REP-61 Measure condition selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:**      The data base must contain the same set of data than test REP\_EXE\_IR\_75.

**Content:**            The test case is composed of the following transactions:

**Message 1.**          Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.**          Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**    The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.**    Status ok. The report is correctly inserted.

**Reply to message 2.**    Status ok. The report exists. Analyse manually the report content: In the report, the measure conditions are ordered by ascending condition type and then sequence number.

**3.2.2.2.18.4**    *REP\_EXE\_IR\_78 - Measures - PR-REP- REP -62 Update date and time interval*

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_78.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP- REP -62 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

For this report the update date and time range chosen are:

- from "1994-09-15T00:00:00";

- to "1994-09-16T23:59:59".

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_75 with:

- measures with measure type between "046" and "050" having been updated between "1994-09-15T00:00:00" and "1994-09-16T23:59:59" and others outside that update date time range.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, There are only records that have been updated in the date and time range: from "2009-01-01T00-00-00" to "2009-02-01T00-00-00".

### 3.2.2.2.18.5 REP\_EXE\_IR\_79 - Measures - Snapshot date

**Message:** rep\_exe\_ir\_79.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_75 with record having been created before 1994-09-16T23:59:59 and others after that date.

|  |                     |
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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Measures report request with parameters:

| <b>Parameters</b>             | <b>Values</b> |
|-------------------------------|---------------|
| measure type range from       | 046           |
| measure type range to         | 050           |
| header language               | EN            |
| data language                 | EN            |
| history                       | 0             |
| summary                       | 0             |
| measure type sorting order    | 1             |
| product code sorting order    | 2             |
| geographical sorting order    | 3             |
| regulation sorting order      | 4             |
| additional code sorting order | 5             |
| reduction pct sorting order   | 6             |
| order numbering sorting order | 7             |
| start date sorting order      | 8             |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Insert a Measures report request with parameters:

| <b>Parameters</b>             | <b>Values</b>       |
|-------------------------------|---------------------|
| snapshot date                 | 1994-09-16 23:59:59 |
| measure type range from       | 046                 |
| measure type range to         | 050                 |
| header language               | EN                  |
| data language                 | EN                  |
| history                       | 0                   |
| summary                       | 0                   |
| measure type sorting order    | 1                   |
| product code sorting order    | 2                   |
| geographical sorting order    | 3                   |
| regulation sorting order      | 4                   |
| additional code sorting order | 5                   |
| reduction pct sorting order   | 6                   |
| order numbering sorting order | 7                   |
| start date sorting order      | 8                   |

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, the header is in English, has the specified format (see doc [spec]) and contains measures having type between 046 and 050.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, the header is in English, has the specified format and contains measures having type 046 and measure having type 050 having been created before “1994-09-16T23:59:59”.

### **3.2.2.2.19 Measures Applicable to a Goods Code Range**

#### **3.2.2.2.19.1 REP\_EXE\_IR\_80 - Measures Applicable to a Goods Code Range - Execute report**

**Message:** rep\_exe\_ir\_80.xml

**Test purpose:** The aim of this test is to check that a "Measures Applicable to a Goods Code Range" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs a report execution in order to test the processing.

For this report the stable/unstable indicator is set to "0" stable, the product range is set from "0207430000" to "0207439999", the geographical area is set to "BE" and simulation date set to “2006-06-01”.

**Precondition:** The data base must contain:

- stable and unstable measure records;
- measure records within “product range”;
- measure records whose geographical area is "BE".

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields and history set to 0. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the

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system for the report result. Analyse manually the generated PDF report.

Message 3. Submit a report, with a representative set of fields and history set to 1. Set the "requested.start.time" to a past time in order to run it immediately.

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains stable measure records, within product range from "0207430000" to "0207439999", and with a geographical area equals to "BE".

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report content: The report contains stable measure records, within product range from "0207430000" to "0207439999", and with a geographical area equals to "BE" and there is a history.

In order to check the report details, read [TARIC-REP-PM] 4.5.12. Measures Applicable to a Goods Code Range.

**3.2.2.2.19.2 REP\_EXE\_IR\_81 - Measures Applicable to a Goods Code Range - PR-REP-REP-63 Measure by product range selection order**

**Message:** rep\_exe\_ir\_81.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-63 Measure by product range selection order" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

For this report the stable/unstable indicator is set to "0" stable, the product range is set from "0207430000" to "0207439999" and simulation date set to "2006-06-01".

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_80.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields. Set the

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"requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: In the report, the measures are ordered by ascending nomenclature code, measure type, geographical area and additional code.

**3.2.2.2.20 *Transmission Comments***

**3.2.2.2.20.1 *REP\_EXE\_IR\_82 - Transmission Comments - Execute report***

**Message:** rep\_exe\_ir\_82.xml

**Test purpose:** The aim of this test is to check that a "Transmission Comments" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs a report execution in order to test the processing.

For this report stable/unstable indicator is set to "0" stable, transmission comment code range is set from "1" to "500", transmission date range is set from "2000-01-01" to "2000-06-01", extraction period range is set from "00090" to "00180".

**Precondition:** The data base must contain :

- stable transmission comment code records ;
- unstable transmission comment code records ;
- transmission comment code records white transmission comment code range from "1" to;
- transmission comment code records outside transmission comment code range from "1" to "500";
- transmission comment code records within transmission date range from "2000-01-01" to "2000-06-01";

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- transmission comment code records outside transmission date range from "2000-01-01" to "2000-06-01";

- transmission comment code records within extraction period range from "00090" to "00180";

- transmission comment code records outside extraction period range from "00090" to "00180";

- transmission comment code records with keyword field set to “Measure-Measure-Massnahme 142 - Mexique/Mexico”.

**Content:**

The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields (see test case purpose) but without the field “keyword”. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Submit a report, with a representative set of fields (see test case purpose). Set the "requested.start.time" to a past time in order to run it immediately. Set the keyword field to “Measure-Measure-Massnahme 142 - Mexique/Mexico”

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains only stable transmission comments with transmission comment code range from "1" to "500", transmission date range from "2000-01-01" to "2000-06-01", extraction period range from "00090" to "00180".

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report content: The report contains only stable transmission comments with transmission comment code range from "1" to "500", transmission date range from "2000-01-01" to "2000-06-01", extraction period range from "00090" to "00180" and having the keyword “Measure-Measure-Massnahme 142 - Mexique/Mexico”

In order to check the report details, read [TARIC-REP-PM] 4.5.13. Transmission Comments.

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**3.2.2.2.20.2 REP\_EXE\_IR\_83 - Transmission Comments - PR-REP-REP-64 Transmission comment selection order**

**Message:** rep\_exe\_ir\_83.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-64 Transmission comment selection order" is associated with the report.

In this test a report is submitted and executed.

For this report stable/unstable indicator is set to "0" stable, transmission comment code range is set from "1" to "500".

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_82.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the transmission comment records are ordered by ascending transmission date, comment code and language version.

**3.2.2.2.20.3 REP\_EXE\_IR\_84 - Transmission Comments - PR-REP-REP-65 Update date and time interval**

**Message:** rep\_exe\_ir\_84.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-65 Update date & time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_82 with records having been updated between 2000-01-01 and 2000-06-01 and others

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having not been updated in that time range.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, when an update date and time interval is specified, only the transmission comment records that have been up-dated in that time range must be selected

#### 3.2.2.2.20.4 *REP\_EXE\_IR\_85 - Transmission Comments - PR-REP-REP-66 Keyword search*

**Message:** rep\_exe\_ir\_85.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-66 Keyword search" is associated with the report.

In this test a report is submitted and executed with a keyword field set to "%Measure%".

Then a query to this report is done to analyse the content.

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_82.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

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Reply to message 2. Status ok. The report exists. Analyse manually the report content: In the report only the transmission comment containing the string “Measure” are present.

**3.2.2.2.20.5 REP\_EXE\_IR\_86 - Transmission Comments - Snapshot date**

**Message:** rep\_exe\_ir\_86.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_82 with record having been created before 2000-06-01 and others after that date.

**Content:** The test case is composed of the following transaction:

Message 1. Insert a Transmission Comments report request with parameters:

| <b>Parameters</b>                    | <b>Values</b> |
|--------------------------------------|---------------|
| transmission comment code range from | 1             |
| transmission comment code range to   | 500           |
| header language                      | EN            |

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Insert a Transmission Comments report request with parameters:

| <b>Parameters</b>                    | <b>Values</b>       |
|--------------------------------------|---------------------|
| snapshot date                        | 2000-06-01 00:00:00 |
| transmission comment code range from | 1                   |
| transmission comment code range to   | 500                 |
| header language                      | EN                  |

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains transmission comment having

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for code between 1 and 500.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report exists, header is in English, has the specified format and contains transmission comment having codes = 1 to 500 having been created before 2000-06-01.

### 3.2.2.2.21 *Export Refund Nomenclature*

#### 3.2.2.2.21.1 *REP\_EXE\_IR\_87 - Export Refund Nomenclature - Execute report*

**Message:** rep\_exe\_ir\_87.xml

**Test purpose:** The aim of this test is to check that an "Update Statistics" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs a report execution in order to test the processing.

For this report data language is set to "EN", stable/unstable indicator is set to "0" both stable/unstable, the nomenclature group code range is set from "100000" to "140000", the product code range is set from "0700000000" to "0999000000", the additional code type ranges set from "1" to "9", the additional code range is set from "000" to "100".

A setup file must be introduced to set up data for the report analyse.

**Precondition:** The data base must contain:

- goods nomenclature group code records whose group code is included in the specified group code range and whose group type is 'X';
- nomenclature group code description records linked to the nomenclature group code record according to the specified "Data language";
- goods nomenclature records being a member of the nomenclature group and respecting the "stable/unstable indicator" criteria;
- export refund nomenclature records linked to the goods nomenclature record, respecting the "stable/unstable indicator" criteria, and whose goods nomenclature identifier is included in specified goods nomenclature range and whose additional code type is included in specified additional code type range

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- and whose additional code is included in a specified additional code range;
- description period record linked to the export refund nomenclature;
  - linked export refund nomenclature description record(s) according to the specified “Data language”;
  - export refund nomenclature indent record linked to the export refund nomenclature record;
  - export refund nomenclature footnote association record linked to the export refund nomenclature record;
  - footnote record linked to the selected export refund nomenclature footnote association record;
  - the description period record linked to the footnote record;
  - the linked footnote description record(s) according to the specified “Footnote language”;
  - goods nomenclature records linked to the export refund nomenclature record according to the “stable/unstable indicator”;
  - goods nomenclature records at higher level covering the selected export refund nomenclature record;
  - description period record linked to the goods nomenclature record;
  - linked goods nomenclature description record(s) according to the specified “Data language”;
  - goods nomenclature indent record linked to the goods nomenclature record;
  - goods nomenclature records with an ERN additional code equals to “9000”;
  - goods nomenclature records with an ERN additional code different from “9000”.

**Content:**

The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (see test case purpose). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report

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content: The report contains English data, both stable/unstable records, nomenclature group code records within range “100000” to “140000”, export refund nomenclature records within the product code range from “0700000000” to “0799900000”, and with an additional code type within the range from “1” to “9”, and with an additional code within the range from “000” to “100”.

In order to check the report details, read [TARIC-REP-PM] 4.5.14. Export Refund Nomenclature.

### ***3.2.2.2.21.2 REP\_EXE\_IR\_88 - Export Refund Nomenclature - VR-REP-REP-21 Update date and time Interval***

**Message:** rep\_exe\_ir\_88.xml

**Test purpose:** The aim of this test is to check that when an update date and time interval is specified, only the records that have been updated in that time range must be selected. This restriction applies to:

- Export refund nomenclature code;
- ERN number of indent;
- ERN description;
- ERN footnote association;
- Goods nomenclature code.

For this report data language is set to "EN", stable/unstable indicator is set to "0" both stable/unstable, the nomenclature group code range is set from “100000” to “140000”, the product code range is set from “0700000000” to “0999000000”, the additional code type ranges set from “1” to “9”, the additional code range is set from “000” to “100”, the update date time from “1996-01-01” and “2004-01-01”.

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_87 with records having been updated between 1996-01-01 and 2004-01-01 and others having not been updated in that time range.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected** The message is composed of transactions and the status that reply to the original

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**output:** transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: In the report, the update date and time interval specified, only contains records which one of these fields was updated: ERN number of indent, ERN description, ERN footnote association, Goods nomenclature code.

### 3.2.2.2.1.3 *REP\_EXE\_IR\_89 - Export Refund Nomenclature - Snapshot date*

**Message:** rep\_exe\_ir\_89.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

For this report data language is set to "EN", stable/unstable indicator is set to "0" both stable/unstable, the nomenclature group code range is set from "100000" to "140000", the product code range is set from "0700000000" to "0999000000", the additional code type ranges set from "1" to "9", the additional code range is set from "000" to "100", the snapshot date time is set to "1996-12-31".

**Precondition:** The data base must contain the same set of data than test REP\_EXE\_IR\_87 with records having been created before 1996-12-31 and others after that date.

**Content:** The test case is composed of the following transaction:

Message 1. Insert an Export Refund Nomenclature report request without a snapshot date.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 3. Insert a Export Refund Nomenclature report request with a snapshot date set to "1996-12-31".

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok.

Reply to transaction 2. Status ok. The report request is correctly inserted.

Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains export refund nomenclature corresponding to the input fields.

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Reply to transaction 3. Status ok. The report request is correctly inserted.

Status ok. The report exists, header is in English, has the specified format and contains export refund nomenclature corresponding to the input fields but not the one created after the 1996-12-31.

### 3.2.2.2.22 *Business Codes*

#### 3.2.2.2.22.1 *REP\_EXE\_IR\_90 - Business Codes - Execute report*

**Message:** rep\_exe\_ir\_90.xml

**Test purpose:** The aim of this test is to check that a "Business Codes" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs 16 report executions in order to test the processing.

- a report with no record type defined;
- a report with record type equals to "23500" (Measure Type);
- a report with record type equals to "10000" (Footnote type);
- a report with record type equals to "11000" (Certificate type);
- a report with record type equals to "12000" (Additional code type);
- a report with record type equals to "13000" (Language code);
- a report with record type equals to "14000" (Measure type series);
- a report with record type equals to "15000" (Regulation group);
- a report with record type equals to "16000" (Regulation role type);
- a report with record type equals to "21000" (Measurement unit);
- a report with record type equals to "21500" (Measurement unit qualifier);
- a report with record type equals to "22000" (Measurement unit qualifier combination);
- a report with record type equals to "22500" (Monetary units);
- a report with record type equals to "23000" (Duty expression);

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- a report with record type equals to “35000” (Measure condition codes).

For this report simulation date is set to “2009-01-01”.

**Precondition:** The data base must contain:

- stable Measure Type records;
- stable Footnote type records;
- stable Certificate type records;
- stable Additional code type records;
- stable Language code records;
- stable Measure type series records;
- stable Regulation group records;
- stable Regulation role type records;
- stable Measurement unit records;
- stable Measurement unit qualifier records;
- stable Measurement unit qualifier combination records;
- stable Monetary units records;
- stable Duty expression records;
- stable Measure condition codes records.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (see test case purpose), do not set record type parameter. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 3.** Submit a report, with a representative set of fields (see test case purpose), set record type to “23500” (Measure Type). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Message 5.** Submit a report, with a representative set of fields (see test case purpose), set record type to “10000” (Footnote type). Set the "requested.start.time" to a past time in order to run it immediately.

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Message 6. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 7. Submit a report, with a representative set of fields (see test case purpose), set record type to “11000” (Certificate type). Set the "requested.start.time" to a past time in order to run it immediately.

Message 8. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 9. Submit a report, with a representative set of fields (see test case purpose), set record type to “12000” (Additional code type). Set the "requested.start.time" to a past time in order to run it immediately.

Message 10. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 11. Submit a report, with a representative set of fields (see test case purpose), set record type to “13000” (Language code). Set the "requested.start.time" to a past time in order to run it immediately.

Message 12. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 13. Submit a report, with a representative set of fields (see test case purpose), set record type to “14000” (Measure type series). Set the "requested.start.time" to a past time in order to run it immediately.

Message 14. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 15. Submit a report, with a representative set of fields (see test case purpose), set record type to “15000” (Regulation group). Set the "requested.start.time" to a past time in order to run it immediately.

Message 16. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 17. Submit a report, with a representative set of fields (see test case purpose), set record type to “16000” (Regulation role type). Set the "requested.start.time" to a past time in order to run it immediately.

Message 18. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 19. Submit a report, with a representative set of fields (see test case purpose), set record type to “21000” (Measurement unit). Set the "requested.start.time" to a past time in order to run it immediately.

Message 20. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 21. Submit a report, with a representative set of fields (see test case purpose), set record type to “21500” (Measurement unit qualifier). Set the

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"requested.start.time" to a past time in order to run it immediately.

Message 22. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 23. Submit a report, with a representative set of fields (see test case purpose), set record type to “22000” (Measurement unit qualifier combination). Set the "requested.start.time" to a past time in order to run it immediately.

Message 24. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 25. Submit a report, with a representative set of fields (see test case purpose), set record type to “22500” (Monetary units). Set the "requested.start.time" to a past time in order to run it immediately.

Message 26. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 27. Submit a report, with a representative set of fields (see test case purpose), set record type to “23000” (Duty expression). Set the "requested.start.time" to a past time in order to run it immediately.

Message 28. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

Message 29. Submit a report, with a representative set of fields (see test case purpose), set record type to “35000” (Measure condition codes). Set the "requested.start.time" to a past time in order to run it immediately.

Message 30. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains all types of record (ex: Measure Type, Footnote type, Certificate type...)

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 3. Status ok. The report is correctly inserted.

Reply to message 4. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Footnote type”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business

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| REPORT                                   |                     |

Codes.

Reply to message 5. Status ok. The report is correctly inserted.

Reply to message 6. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Certificate type”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 7. Status ok. The report is correctly inserted.

Reply to message 8. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Additional code type”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 9. Status ok. The report is correctly inserted.

Reply to message 10. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Language code”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 11. Status ok. The report is correctly inserted.

Reply to message 12. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Measure type series”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 13. Status ok. The report is correctly inserted.

Reply to message 14. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Regulation group”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 15. Status ok. The report is correctly inserted.

Reply to message 16. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Regulation role type”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Codes.

Reply to message 17. Status ok. The report is correctly inserted.

Reply to message 18. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Measurement unit”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 19. Status ok. The report is correctly inserted.

Reply to message 20. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 21. Status ok. The report is correctly inserted.

Reply to message 22. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Measurement unit qualifier”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 23. Status ok. The report is correctly inserted.

Reply to message 24. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Measurement unit qualifier combination”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 25. Status ok. The report is correctly inserted.

Reply to message 26. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Monetary units”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

Reply to message 27. Status ok. The report is correctly inserted.

Reply to message 28. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Duty expression”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Codes.

Reply to message 29. Status ok. The report is correctly inserted.

Reply to message 30. Status ok. The report exists. Analyse manually the report content: The report only contains records with type equals to “Measure condition codes”.

In order to check the report details, read [TARIC-REP-PM] 4.5.15. Business Codes.

### **3.2.2.2.22.2 REP\_EXE\_IR\_91 - Business Codes - PR-REP-REP-67 Business codes selection order**

**Message:** rep\_exe\_ir\_91.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-67 Business codes selection order" is associated with the report. The rule is tested on the measure type for the simulation date 2009-01-01

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content:

**Precondition:** The data base must contain:

- stable Measure Type records.

**Content:** The test case is composed of the following transactions:

Message 1. Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report is correctly inserted.

Reply to message 2. Status ok. The report exists. Analyse manually the report content: In the report, each category of business codes is ordered by ascending logical key.

### **3.2.2.2.22.3 REP\_EXE\_IR\_92 - Business Codes - Snapshot date**

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Message:** rep\_exe\_ir\_92.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed.

**Precondition:** The data base must contain:

- Stable footnote types with id = PB having a create date time before 1995 and id = NM with a create date time after 1995

**Content:** The test case is composed of the following transaction:

**Message 1.** Insert a Business Codes report request with parameters:

| <b>Parameters</b> | <b>Values</b> |
|-------------------|---------------|
| simulation date   | 2009-01-01    |
| record type       | 10000         |
| header language   | EN            |

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report (the codes PB and NM must be present).

**Message 3.** Insert a Business Codes report request with parameters:

| <b>Parameters</b> | <b>Values</b>       |
|-------------------|---------------------|
| snapshot date     | 1995-01-01 00:00:00 |
| simulation date   | 2009-01-01          |
| record type       | 10000               |
| header language   | EN                  |

**Message 4.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report (The code PB must be present but not the NM one).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report request is correctly inserted.

**Reply to message 2.** Status ok. The report exists, header is in English, has the specified format (see doc [spec]) and contains footnote type with id's equal to PB, NM

**Reply to message 3.** Status ok. The report request is correctly inserted.

**Reply to message 4.** Status ok. The report exists, header is in English, has the specified format and contains footnote type with id's equal to PB and not

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

NM.

### 3.2.2.2.23 *Publication sigles*

#### 3.2.2.2.23.1 *REP\_EXE\_IR\_93 - Publication sigles - Execute report*

**message** rep\_exe\_ir\_93.xml

**Test purpose:** The aim of this test is to check that a "Publication sigles" report can be generated and that the content corresponds to the requested parameters.

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

The test case needs a report execution in order to test the processing.

For this report Publication sigle code type range is set from "ACT" to "DE", Publication sigle code range is set from "01" to "10".

**Precondition:** The database must contain:

- publication sigle records with publication sigle code type range set from "ACT" to "DE";
- publication sigle records with publication sigle code type range different from the range "ACT" to "DE";
- publication sigle records with Publication sigle code range set from "01" to "10";
- publication sigle records with Publication sigle code range different from the range "01" to "10".

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output::** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: The report contains publication sigle with publication sigle

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

code type range set from "ACT" to "DE", and publication sigle code range set from "01" to "10".

Find bellow printed fields:

- Publication sigle code;
- Publication code;
- Sigle.

### **3.2.2.2.23.2 REP\_EXE\_IR\_94 - Publication sigles - PR-REP-REP-68 Publication sigle selection order**

**Message:** rep\_exe\_ir\_94.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-68 Publication sigle selection order" is associated with the report.

In this test a report is submitted and executed.

**Precondition:** The database must contain:

- code.type.id = "MOU" and code = "XEW";
- code.type.id = "MOU" and code = "EUA";
- code.type.id = "MOU" and code = "EUW";
- code.type.id = "MQC" and code = "KCC";
- code.type.id = "MQC" and code = "MPR";
- code.type.id = "MQC" and code = "CCT".

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, the publication sigles are selected in ascending publication sigle code type and code.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

### 3.2.2.2.23.3 *REP\_EXE\_IR\_95 - Publication sigles - PR-REP-REP-69 Update date and time interval*

**Message:** rep\_exe\_ir\_95.xml

**Test purpose:** The aim of this test is to check that the process rule "PR-REP-REP-69 Update date and time interval" is associated with the report.

In this test a report is submitted and executed.

Then a query to this report is done to analyse the content:

**Precondition:** The database must contain:

- publication sigle records with publication sigle code type range set from "ACT" to "DE" and publication code in the range "01" to "10" and having an "Audit date time" inside the range ["1997-01-01" – "2000-01-01"]

- publication sigle records with publication sigle code type range set from "ACT" to "DE" and publication code in the range "01" to "10" and having an "Audit date time" outside the range ["1997-01-01" – "2000-01-01"]

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields. Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

**Reply to message 2.** Status ok. The report exists. Analyse manually the report content: In the report, when an update date and time interval is specified, only the records that have been updated in that time range must be selected.

### 3.2.2.2.24 *TARIC Codes*

#### 3.2.2.2.24.1 *REP\_EXE\_IR\_96 - TARIC Codes - Execute report*

**Message:** rep\_exe\_ir\_96.xml

**Test purpose:** The aim of this test is to check that a "TARIC Codes" report can be generated and that the content corresponds to the requested parameters.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

In this test a report is submitted and executed.

Once the scheduled job has been executed, a query to get the generated report is done to analyse manually the PDF report content.

For this report simulation date is set to “2010-03-03”.

**Precondition:** The data base must contain:

- Regulation role type records;
- Measure type records;
- Measure type series records;
- Publication Sigle records;
- Language code records;
- Measure conditions records;
- Certificate type records;
- Measure action records;
- Footnote type records;
- Duty expression records;
- Measurement unit records;
- Measurement unit qualifier records;
- Monetary units records;
- Regulation group code records;
- Nomenclature groups;
- Additional code type records.

**Content:** The test case is composed of the following transactions:

**Message 1.** Submit a report, with a representative set of fields (see test case purpose). Set the "requested.start.time" to a past time in order to run it immediately.

**Message 2.** Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to message 1.** Status ok. The report is correctly inserted.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

Reply to message 2. Status ok. The report exists. Analyse manually the report content: The report contains all types of record (ex: Measure Type, Footnote type, Certificate type...) that match the simulation date specified.

In order to check the report details, read [[TARIC-REP-PM](#)] Section: 4.5.16. Codes to used in TARIC.

#### 3.2.2.2.24.2 *REP\_EXE\_IR\_97 - TARIC Codes - Snapshot date*

**Message:** rep\_exe\_ir\_97.xml

**Test purpose:** The aim of this test is to verify that snapshot date parameter is correctly processed. In order to evaluate the results, a specific data would be considered as base.

**Precondition:** The database must contain:

- Stable footnote types with id = NM having a create date time before 1995 and id = PB with a create date time after 1995

**Content:** The test case is composed of the following transaction:

Message 1. Insert a TARIC Codes report request with parameters:

| <b>Parameters</b> | <b>Values</b> |
|-------------------|---------------|
| simulation date   | 2009-01-01    |
| stability flag    | 1             |
| header language   | EN            |
| data language     | EN            |

Message 2. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report (the report has just two pages, there is not unstable data retrieved for that simulation date).

Message 3. Insert a TARIC Codes report request with parameters:

| <b>Parameters</b> | <b>Values</b>       |
|-------------------|---------------------|
| snapshot date     | 1995-01-01 00:00:00 |
| simulation date   | 2009-01-01          |
| stability flag    | 0                   |
| header language   | EN                  |
| data language     | EN                  |

Message 4. Once the previous scheduled job has been executed, query the system for the report result. Analyse manually the generated PDF report (The footnote type NM must be present but not the PB one).

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| REPORT                                   |                     |

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to message 1. Status ok. The report request is correctly inserted.

Reply to message 2. Status ok. The report has been generated.

Reply to message 3. Status ok. The report request is correctly inserted.

Reply to message 4. Status ok. The report has been generated.

### 3.3. Publication

Publication testing requires a test database with predefined publication extraction rules. Therefore, these rules will be inserted once before the start of each testing chapter (Data maintenance, Submission and Execution), with the exception of the Submission part where the rules will be inserted twice (once before the Generic validation rules and once after). This is done by executing `init_ref_data.xml`.

#### 3.3.1. Submission

##### 3.3.1.1. Generic validation rules

###### 3.3.1.1.1 *PUB\_SUB\_VR\_02 - V-RE-GE-U41 Chapter Range*

**Message:** pub\_sub\_vr\_02.xml

**Test purpose:** The aim of this test is to check that a chapter range is defined by a «from» and a «to» value.

The rule will be tested by using "Duty Tables Publication Request" publication and "chapter \*" parameter.

During this test, the rule will use invalid values, then a valid value will be inserted:

- «from» > «to»;
- bad «from»;
- bad «to»;
- bad «from» and bad «to»;
- «from» >= «to»;
- «from» < «to»;
- no «from»;
- no «to».

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a publication, with "chapter range" parameter set to «from» > «to».

**Transaction 2.** Try to insert a publication, with "chapter range" parameter set to: («from» to a bad value).

**Transaction 3.** Try to insert a publication, with "chapter range" parameter set to: («to» to a «bad» value).

**Transaction 4.** Try to insert a publication, with "chapter range" parameter set to: («from» and «to» to a bad value).

**Transaction 5.** Insert a publication, with "chapter range" parameter set to «from» >= «to».

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

Transaction 6. Insert a publication, with "chapter range" parameter set to «from» < «to».

Transaction 7. Insert a publication, with "chapter range" parameter set to no «from».

Transaction 8. Insert a publication, with "chapter range" parameter set to no «to».

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The status details that the chapter range is not correct.

Reply to transaction 2. Status error. The status details that the chapter range is not correct.

Reply to transaction 3. Status error. The status details that the chapter range is not correct.

Reply to transaction 4. Status error. The status details that the chapter range is not correct.

Reply to transaction 5. Status ok. The publication is correctly inserted.

Reply to transaction 6. Status ok. The publication is correctly inserted.

Reply to transaction 7. Status error. The status details that the chapter range is not correct.

Reply to transaction 8. Status error. The status details that the chapter range is not correct.

### **3.3.1.2. Duty table publications**

#### **3.3.1.2.1.1 *PUB\_SUB\_DTG\_01 - Duty table publications - Goods nomenclatures - Insert a valid set of field***

**Message:** pub\_sub\_dtg\_01.xml

**Test purpose:** The aim of this test is to verify that the system accepts the publication submission, if delivered fields are valid.  
In this test, these following parameters are used:

- simulation period from
- simulation period to
- update date and time from;

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

- update date and time to;
- chapter from;
- chapter to;
- publication type;
- data language list;
- header language;
- output format.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Insert a publication. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The publication is correctly inserted.

### ***3.3.1.2.1.2 PUB\_SUB\_DTG\_02 - Duty table publications - Goods nomenclatures - Insert an invalid set of field***

**Message:** pub\_sub\_dtg\_02.xml

**Test purpose:** The aim of this test is to verify that the system rejects publication submission when some invalid parameters are introduced.

- In this test all parameters are set to invalid values.  
It is expected to have an error message for all parameters that are invalid.  
Here is the list of parameters in error, with its associated rules in error:
- update date and time from V-RE-GE-U39 Period Date-Time Range Type;
  - update date and time to V-RE-GE-U39 Period Date-Time Range Type;
  - simulation period from date V-RE-GE-U38 Period Date Range Type;
  - simulation period to date V-RE-GE-U38 Period Date Range Type;
  - geographical area [V-RE-GE-U2] Existing Value;
  - chapter from V-RE-GE-U41 Chapter Range;
  - chapter to V-RE-GE-U41 Chapter Range;
  - product code from V-RE-GE-U40 Goods Nomenclature Range Type;

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

- product code to V-RE-GE-U40 Goods Nomenclature Range Type;
- publication type V-RE-GE-U5 Publication Type;
- data language list V-RE-GE-U4 Language Code Type;
- header language V-RE-GE-U4 Language Code Type;
- output format V-RE-GE-U6 Publication output format Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a "Duty Table publications" publication with all parameters that are invalid

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

### ***3.3.1.2.1.3 PUB\_SUB\_DTG\_03 - Duty table publications - Goods nomenclatures - VR-REP-MDT-1 Publication Type restriction***

**Message:** pub\_sub\_dtg\_03.xml

**Test purpose:** The aim of this test is to verify that the use of the update period is not allowed when the Publication type is "TARIC".

In this test, first a bad value is tested, then all values that should be valid.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a "Duty Table publications" publication, set the update period and set the publication type to TARIC.

**Transaction 2.** Insert a "Duty Table publications" publication, set the update period, and do not set the publication type to TARIC.

**Transaction 3.** Insert a "Duty Table publications" publication, do not set the update period, and set the publication type to TARIC.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

are invalid.

Reply to transaction 2. Status ok. The publication is correctly inserted.

Reply to transaction 3. Status ok. The publication is correctly inserted.

#### **3.3.1.2.1.4 *PUB\_SUB\_DTG\_05 - Duty table publications - Goods nomenclatures - VR-REP-MDT-3 Chapter and product range***

**Message:** pub\_sub\_dtg\_05.xml

**Test purpose:** The aim of this test is to verify that one and only one of the Chapter and product ranges must be specified.

In this test, first a bad value is tested, then all values that should be valid.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert a "Duty Table publications" publication, set the chapter range and set the product range.

Transaction 2. Insert a "Duty Table publications" publication, set the chapter range, and do not the product range.

Transaction 3. Insert a "Duty Table publications" publication, do not set chapter range, and set the product range.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

Reply to transaction 2. Status ok. The publication is correctly inserted.

Reply to transaction 3. Status ok. The publication is correctly inserted.

#### **3.3.1.2.1.5 *PUB\_SUB\_DTG\_06 - Duty table publications - Goods nomenclatures - V-REG-GE-U64 Period Range on one Year***

**Message:** pub\_sub\_dtg\_06.xml

**Test purpose:** The aim of this test is to verify that the period range “from date year” must be

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

equal to the “to date year”.

In this test, first a bad value is tested, then all values that should be valid.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a "Duty Table publications" publication, with the simulation period range “from date year” not equal to the “to date year”.

**Transaction 2.** Insert a "Duty Table publications" publication, with the simulation period range “from date year” equal to the “to date year”.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists that the period range "from date year" must be equal to the "to date year".

**Reply to transaction 2.** Status ok. The publication is correctly inserted.

### 3.3.1.3. Annex 1 publications

#### 3.3.1.3.1 *PUB\_SUB\_AIP\_01 - Annex 1 publications - Insert a valid set of field*

**Message:** pub\_sub\_aip\_01.xml

**Test purpose:** The aim of this test is to verify that the system accepts the publication submission, if delivered fields are valid.

In this test, these following parameters are used:

- update date and time from;
- update date and time to;
- additional code type from;
- additional code type to;
- additional code from;
- additional code to;
- geographical area from;
- geographical area to;

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

- data language list;
- header language;
- output format.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Insert an Annex 1 publication. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status ok. The publication is correctly inserted.

### 3.3.1.3.2 *PUB\_SUB\_AIP\_02 - Annex 1 publications - Insert an invalid set of field*

**Message:** pub\_sub\_a1p\_02.xml

**Test purpose:** The aim of this test is to verify that the system rejects publication submission when some invalid parameters are introduced.  
In this test all parameters are set to invalid values.  
It is expected to have an error message for all parameters that are invalid.  
Here is the list of parameters in error, with is associated rules in error:

- update date and time from V-RE-GE-U39 Period Date-Time Range Type;
- update date and time to V-RE-GE-U39 Period Date-Time Range Type;
- simulation date V-RE-GE-U2 Date Type;
- additional code type from V-RE-GE-U42 Additional Code Type Range;
- additional code type to V-RE-GE-U42 Additional Code Type Range;
- additional code from V-RE-GE-U43 Additional Code Range;
- additional code to V-RE-GE-U43 Additional Code Range;
- geographical area from V-RE-GE-U49 Geographical Area Range;
- geographical area to V-RE-GE-U49 Geographical Area Range;
- data language list V-RE-GE-U4 Language Code Type;
- header language V-RE-GE-U4 Language Code Type;

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

- output format V-RE-GE-U6 Publication output format Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert an "Annex 1" publication with all parameters that are invalid

**Expected output;** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

### 3.3.1.4. Annex 5 publications

#### 3.3.1.4.1 *PUB\_SUB\_A5P\_01 - Annex 5 publications - Insert a valid set of field*

**Message;** pub\_sub\_a5p\_01.xml

**Test purpose;:** The aim of this test is to verify that the system accepts the publication submission, if delivered fields are valid.  
In this test, these following parameters are used:

- simulation period from date;
- simulation period to date;
- chapter from;
- chapter to;
- data language list;
- header language;
- output format.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Insert an Annex 5 publication. All parameters are valid (see test case description).

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

Reply to transaction 1. Status ok. The publication is correctly inserted.

### 3.3.1.4.2 *PUB\_SUB\_A5P\_02 - Annex 5 publications - Insert an invalid set of field*

**Message:** pub\_sub\_a5p\_02.xml

**Test purpose:** The aim of this test is to verify that the system rejects publication submission when some invalid parameters are introduced.  
In this test all parameters are set to invalid values.  
It is expected to have an error message for all parameters that are invalid.  
Here is the list of parameters in error, with is associated rules in error:

- simulation period from date V-RE-GE-U38 Period Date Range Type;
- simulation period to date V-RE-GE-U38 Period Date Range Type;
- chapter from V-RE-GE-U41 Chapter Range;
- chapter to V-RE-GE-U41 Chapter Range;
- product code from V-RE-GE-U40 Goods Nomenclature Range Type;
- product code to V-RE-GE-U40 Goods Nomenclature Range Type;
- data language list V-RE-GE-U4 Language Code Type;
- header language V-RE-GE-U4 Language Code Type;
- output format V-RE-GE-U6 Publication output format Type.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

Transaction 1. Try to insert an "Annex 5" publication with all parameters that are invalid.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists all parameters that are invalid.

### 3.3.1.4.3 *PUB\_SUB\_A5P\_03 - Annex 5 publications - VR-REP-MDT-4 Chapter and product range*

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

**Message:** pub\_sub\_a5p\_03.xml

**Test purpose:** The aim of this test is to verify that one and only one of the Chapter and product ranges must be specified.

In this test, first a bad value is tested, then all values that should be valid.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert an "Annex 5 publication", set the chapter range and set the product range.

**Transaction 2.** Insert an "Annex 5 publication", set the chapter range, and do not the product range.

**Transaction 3.** Insert an "Annex 5 publication", do not set chapter range, and set the product range.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

**Reply to transaction 1.** Status error. The error message lists all parameters that are invalid.

**Reply to transaction 2.** Status ok. The publication is correctly inserted.

**Reply to transaction 3.** Status ok. The publication is correctly inserted.

#### ***3.3.1.4.4 PUB\_SUB\_A5P\_04 – Annex 5 publications - V-RE-GE-U64 Period Range on one Year***

**Message:** pub\_sub\_a5p\_04.xml

**Test purpose:** The aim of this test is to verify that the period range “from date year” must be equal to the “to date year”.

In this test, first a bad value is tested, then all values that should be valid.

**Precondition:** The test database must be deployed.

**Content:** The test case is composed of the following transactions:

**Transaction 1.** Try to insert a "Duty Table publications" publication, with the simulation period range “from date year” not equal to the “to date year”.

**Transaction 2.** Insert a "Duty Table publications" publication, with the simulation period range “from date year” equal to the “to date year”.

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status error. The error message lists that the period range "from date year" must be equal to the "to date year".

Reply to transaction 2. Status ok. The publication is correctly inserted.

### 3.3.2. Execution

#### 3.3.2.1. Duty table publications

##### 3.3.2.1.1.1 *PUB\_EXE\_DTG\_01 - Duty table publications - Goods nomenclatures - Execute a publication*

**Message:** pub\_exe\_dtg\_01.xml

**Test purpose:** The aim of this test is to verify that the system executes a publication, and produce an output corresponding to input parameters.

In this test, these following parameters are used: (with associated values):

- simulation period from date ("2009-01-01")
- simulation period to date ("2009-10-01")
- chapter from ("85");
- chapter to ("87");
- publication type ("TARIC");
- data language list ("EN");
- header language ("EN");
- output format ("XML").

In order to execute this publication, extraction publication rules are needed. See section 4.1.

**Precondition:** The test database must be deployed and the publication rules, as described in section 4.1, must be present.

**Content:** The test case is composed of the following transactions:

Transaction 1. Submit a publication. A representative set of fields is inserted (see test case description). Set the "requested.start.time" to a past time in

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

order to run it immediately.

Transaction 2. Once the previous scheduled job has been executed, query the system for the publication result and analyse the generated output file.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The publication is correctly inserted.

Reply to transaction 2. Status ok. The XML file exists. The XML file content corresponds to submitted parameters.

**3.3.2.1.1.2 *PUB\_EXE\_DTG\_02 - Duty table publications - Goods nomenclatures - Execute a publication in format PDF***

**Message:** pub\_exe\_dtg\_02.xml

**Test purpose:** The aim of this test is to verify that the system executes a publication, and produce a PDF file corresponding to input parameters.

In this test, these following parameters are used: (with associated values):

- simulation period from date (“2009-01-01”)
- simulation period to date (“2009-10-01”)
- chapter from (“87”);
- chapter to (“87”);
- publication type (“TARIC”);
- data language list (“ES”);
- header language (“ES”);
- output format (“PDF”).

In order to execute this publication, extraction publication rules are needed. See section 4.1.

**Precondition:** The test database must be deployed and the publication rules, as described in section 4.1, must be present.

**Content:** The test case is composed of the following transactions:

Transaction 1. Submit a publication. A representative set of fields is inserted (see test case description). Set the "requested.start.time" to a past time in

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

order to run it immediately.

Transaction 2. Once the previous scheduled job has been executed, query the system for the publication result and compare the generated PDF file in comparison with the expected output.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The publication is correctly inserted.

Reply to transaction 2. Status ok. The PDF file exists. Both files are identical.

### 3.3.2.2. Annex 1 publications

#### 3.3.2.2.1 *PUB\_EXE\_AIP\_01 - Annex 1 publications - Execute a publication*

**Message:** pub\_exe\_a1p\_01.xml

**Test purpose:** The aim of this test is to verify that the system executes a publication, and produce an output corresponding to input parameters.

In this test, these following parameters are used: (with associated values):

- simulation date (“2009-02-01”)
- additional code from (“001”);
- additional code to (“999”);
- data language list (“EN”);
- header language (“EN”);
- output format (“XML”).

In order to execute this publication, extraction publication rules are needed. See section 4.1.

**Precondition:** The test database must be deployed and the publication rules, as described in section 4.1, must be present.

**Content:** The test case is composed of the following transactions:

Transaction 1. Submit a publication. A representative set of fields is inserted (see test case description). Set the "requested.start.time" to a past time in order to run it immediately.

Transaction 2. Once the previous scheduled job has been executed, query the

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

system for the publication result and analyse the generated output file.

**Expected output:**

The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The publication is correctly inserted.

Reply to transaction 2. Status ok. The XML file exists. The XML file content corresponds to submitted parameters<sup>1</sup>.

**3.3.2.2.2 *PUB\_EXE\_AIP\_02 - Annex 1 publications - Execute a publication in format PDF***

**Message:** pub\_exe\_aip\_02.xml

**Test purpose:** The aim of this test is to verify that the system executes a publication, and produce an output corresponding to input parameters.

In this test, these following parameters are used: (with associated values):

- simulation date (“2010-06-01”)
- data language list (“FR”);
- header language (“FR”);
- output format (“PDF”).

In order to execute this publication, extraction publication rules are needed. See section 4.1.

**Precondition:** The test database must be deployed and the publication rules, as described in section 4.1, must be present.

**Content:** The test case is composed of the following transactions:

Transaction 1. Submit a publication. A representative set of fields is inserted (see test case description). Set the "requested.start.time" to a past time in order to run it immediately.

Transaction 2. Once the previous scheduled job has been executed, query the system for the publication result and compare the generated PDF file in comparison with the expected output.

---

<sup>1</sup> For the exceptional case of Annex 1, the validation of the output gotten after the execution of the STP for TARIC3 Publications,, should be done manually. Therefore, the tester must do a comparison between the expected output gotten (Annex1\_EN.xml) and the publication generated by the STP.

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

Reply to transaction 1. Status ok. The publication is correctly inserted.

Reply to transaction 2. Status ok. The PDF file exists. Both files are identical.

### 3.3.2.3. Annex 5 publications

#### 3.3.2.3.1 *PUB\_EXE\_A5P\_01 - Annex 5 publications - Execute a publication*

**Message:** pub\_exe\_a5p\_01.xml

**Test purpose:** The aim of this test is to verify that the system executes a publication, and produce an output corresponding to input parameters.

In this test, these following parameters are used: (with associated values):

- simulation period from date (“2008-06-01”)
- simulation period to date (“2008-12-31”)
- chapter from (“07”)
- chapter to (“08”)
- data language list (“EN”)
- header language (“EN”)
- output format (“XML”)

In order to execute this publication, extraction publication rules are needed. See section 4.1.

**Precondition:** The test database must be deployed and the publication rules, as described in section 4.1, must be present.

**Content:** The test case is composed of the following transactions:

Transaction 1. Submit a publication. A representative set of fields is inserted (see test case description). Set the "requested.start.time" to a past time in order to run it immediately.

Transaction 2. Once the previous scheduled job has been executed, query the system for the publication result and analyse the generated output file.

**Expected** The message is composed of transactions and the status that reply to the original

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| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

**output:** transactions:

Reply to transaction 1. Status ok. The publication is correctly inserted.

Reply to transaction 2. Status ok. The XML file exists. The XML file content corresponds to submitted parameters.

### 3.3.2.3.2 *PUB\_EXE\_A5P\_02 - Annex 5 publications - Execute a publication in format PDF*

**Message:** pub\_exe\_a5p\_02.xml

**Test purpose:** The aim of this test is to verify that the system executes a publication, and produce an output corresponding to input parameters.

In this test, these following parameters are used: (with associated values):

- simulation period from date (“2008-01-01”)
- simulation period to date (“2008-12-31”)
- chapter from (“07”)
- chapter to (“07”)
- data language list (“IT”)
- header language (“IT”)
- output format (“PDF”)

In order to execute this publication, extraction publication rules are needed. See section 4.1.

**Precondition:** The test database must be deployed and the publication rules, as described in section 4.1, must be present.

**Content:** The test case is composed of the following transactions:

Transaction 1. Submit a publication. A representative set of fields is inserted (see test case description). Set the "requested.start.time" to a past time in order to run it immediately.

Transaction 2. Once the previous scheduled job has been executed, query the system for the publication result and compare the generated PDF file in comparison with the expected output.

**Expected output:** The message is composed of transactions and the status that reply to the original transactions:

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| DG TAXUD – TARIC3 REP – System Test Plan |                     |
| TEST CASES                               | Ref: TARIC3-REP-STP |
| PUBLICATION                              |                     |

Reply to transaction 1. Status ok. The publication is correctly inserted.

Reply to transaction 2. Status ok. The PDF file exists. Both files are identical.

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|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan                 |                     |
| REFERENCE DATA   | Ref: TARIC3-REP-STP |
| DEFAULT EXTRACTION RULE TO USE FOR PUBLICATION EXECUTION |                     |

## 4. REFERENCE DATA

### 4.1. Default extraction rule to use for publication execution

#### Table Main Duty Table

##### Column 4 (Supplementary unit)

###### Rule 1

|                   |                          |
|-------------------|--------------------------|
| Regulation group: | UTS (supplementary unit) |
| Measure type:     | 110 (USIMP)              |

##### Column 5A (remarks import)

###### Rule 1

|                   |  |
|-------------------|--|
| Regulation group: | DUM (Anti-dumping duties, countervailing duties),<br>TXC (Countervailing charge) |
| Measure type:     | NOT 625 (SREF)   |

###### Rule 2

|                   |  |
|-------------------|--|
| Regulation group: | MLA (Entry into free circulation, Export authorization),<br>PRS (Prohibition)                      |
| Measure type:     | 277 (PRO)<br>462 (SUR)<br>464 (REU)<br>465 (LPS)<br>474 (LPQ)<br>475 (LPR)<br>690 (TC)<br>695 (DR) |

###### Rule 3

|                   |  |
|-------------------|--|
| Regulation group: | MLA (Entry into free circulation, Export authorization), |
|-------------------|--|

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|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan                 |                     |
| REFERENCE DATA   | Ref: TARIC3-REP-STP |
| DEFAULT EXTRACTION RULE TO USE FOR PUBLICATION EXECUTION |                     |

|               |                   |
|---------------|-------------------|
|               | PRS (Prohibition) |
| Measure type: | 551 (DUMPP)       |
|               | 552 (DUMPD)       |
|               | 553 (COMPD)       |
|               | 554 (COMPP)       |
|               | 555 (PCDUM)       |
|               | 561 (NTDUM)       |
|               | 562 (SPDUM)       |
|               | 563 (UNDUM)       |
|               | 564 (RGDUM)       |
|               | 565 (REDUM)       |
|               | 566 (STDUM)       |
|               | 570 (CTDUM)       |
|               | 705 (TRIMP)       |
|               | 710 (CTIMP)       |

Column 5B (remarks export)

Rule 1

|               |             |
|---------------|-------------|
| Measure type: | 278 (PRX)   |
|               | 445 (PEM)   |
|               | 467 (SPX)   |
|               | 473 (QX)    |
|               | 476 (RX)    |
|               | 478 (DURX)  |
|               | 680 (REX)   |
|               | 681 (RIX)   |
|               | 706 (TREXP) |

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| DG TAXUD – TARIC3 REP – System Test Plan                 |                     |
| REFERENCE DATA   | Ref: TARIC3-REP-STP |
| DEFAULT EXTRACTION RULE TO USE FOR PUBLICATION EXECUTION |                     |

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|--|-------------|
|  | 708 (TRRX)  |
|  | 715 (CTEXP) |
|  | 725 (OZEXP) |
|  | 735 (CGEXP) |

Column 7 (Third country duty rate)

Rule 1

|                   |  |
|-------------------|--|
| Regulation group: | SUS (Erga Omnes Suspensions),<br>DIV (Various) |
| Footnote:         | NOT PB 001                                     |

Rule 2

|                   |   |
|-------------------|---|
| Regulation group: | DNC (Duties coming from the CN),<br>APL (Applicable duty rates, other than from the CN) |
| Measure type:     | 103 (APPL)<br>105 (APPEU)<br>112 (S)<br>115 (SUSEU)<br>122 (K)<br>123 (KEU)             |
| Footnote:         | NOT PB 001  |

Rule 3

|                   |                                      |
|-------------------|--------------------------------------|
| Regulation group: | KON (Non preferential tariff quotas) |
| Measure type:     | 122 (K)<br>123 (KEU)                 |
| Footnote:         | NOT PB 001                           |

Column 8

|  |                     |
|--|---------------------|
| DG TAXUD – TARIC3 REP – System Test Plan                 |                     |
| REFERENCE DATA   | Ref: TARIC3-REP-STP |
| DEFAULT EXTRACTION RULE TO USE FOR PUBLICATION EXECUTION |                     |

Rule 1

|                   |   |
|-------------------|---|
| Regulation group: | SPG (Generalized system of preferences) |
| Footnote:         | NOT PB 001                              |

Column 9

Rule 1

|                    |  |
|--------------------|--|
| Regulation group:  | PRF (Preferential duty),<br>KON (Non preferential tariff quotas) |
| Geographical area: | 1007, 2012, CH, IS, LI, NO                                       |
| Footnote:          | NOT PB 001   |

Column 10

Rule 1

|                    |  |
|--------------------|--|
| Regulation group:  | PRF (Preferential duty),<br>KON (Non preferential tariff quotas),<br>CUN (Customs Union) |
| Geographical area: | AD, SM, TR   |
| Footnote:          | NOT PB 001   |

Column 11

Rule 1

|                   |  |
|-------------------|--|
| Regulation group: | PRF (Preferential duty),<br>KON (Non preferential tariff quotas)         |
| Measure type:     | 140 (OPQ)<br><br>141 (S)<br><br>142 (PREF)<br><br>143 (K)<br><br>144 (P) |

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| DG TAXUD – TARIC3 REP – System Test Plan                 |                     |
| REFERENCE DATA   | Ref: TARIC3-REP-STP |
| DEFAULT EXTRACTION RULE TO USE FOR PUBLICATION EXECUTION |                     |

|                    |  |
|--------------------|--|
|                    | 145 (PRFEU)<br>146 (PRKEU)                       |
| Geographical area: | NOT 1007, 1021, 2012, AD, CH, IS, LI, NO, SM, TR |
| Footnote:          | NOT PB 001                                       |