ORIGINATOR: DG TAXUD	ISSUE DATE: 27/05/2011	VERSION: 3.20-EN	
SUBJECT: **TARIC3-STP** **System Test Plan - Part 10**			

DOCUMENT HISTORY

EDI.	REV.	DATE	DESCRIPTION	ACTION	SECTIONS/ PAGES
0	10	19/08/2008	Submitted for review to DG TAXUD.	Insert	All
1	00	12/09/2008	Submitted for acceptance to DG TAXUD.	Update	Some
1	10	05/06/2009	Split up document. Modified test cases to correspond with process model. Added test cases. Submitted for review to DG TAXUD.	Update	All
-	-	16/07/2009	Submitted for acceptance to DG TAXUD.	Update	Some
1	11	01/12/2009	Additional test cases	Update	As requested
1	20	16/04/2010	Additional test cases. Modified test cases due to bug fixes. Submitted for review to DG TAXUD.	Update	§2.2.2, §2.2.3 (expected output) New sections §2.6, §2.7
2	00	18/05/2010	Sent for Acceptance.	Update	As requested
2	01	29/10/2010	Sent for Internal Review	-	-
2	10	29/10/2010	Sent for Review to DG TAXUD	-	-
3	00	18/11/2010	Sent for Acceptance to DG TAXUD	-	-

EDI.	REV.	DATE	DESCRIPTION	ACTION	SECTIONS/ PAGES
3	10	18/05/2011	Submitted for Review to Taxation and Customs Union DG.	Update	As Required
3	20	27/05/2011	Implemented comments from DG TAXUD and QAC. Submitted for Acceptance to Taxation and Customs Union DG.	Update	As Required

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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 verify the functions of some specific domains of the TARIC3 CDCO system. This system test plan concerns only the system-to-system interface and is intended to validate the business logic layer of the TARIC3 CDCO system.

This document should be considered as a sub-document of the Master TARIC3 System Test Plan [TARIC3-STP] where the following domains are covered:

- Measure agricultural duty expression;

- Meursing additional code;

- Monetary exchange;

- Security;

- Transmission comment.

1.2. Structure of this document

Chapter 1 specifies the test cases related to the maintenance of TARIC data for the specific domains as specified in section 1.1 Objective of this document.

1.3. Intended audience

This document is intended for people responsible for testing the business logic layer of the TARIC3 CDCO system.

1.4. Abbreviations and acronyms

CDCO   Centrally Developed Centrally Operated

DDS   Data Dissemination System

JDBC   Java DataBase Connectivity

MS   Member State

SQL   Structured Query Language

TARIC   TARif Intégré Communautaire

TIN   Trader Identification Number

UNIX   Unix operation system

VAT   Value-Added Tax

VIES   VAT Information Exchange System

XML   eXtensible Markup Language

1.5.   Reference documents

[TARIC3-FTS]   "TARIC3 - Functional Test Scenarios 2.00", Ref. TARIC3-FTS

[TARIC3-ITP]   "TARIC3 - Test Plan Introduction 7.10", Ref. TARIC3-ITP

[TARIC3-STP]   "TARIC3 – System Test Plan - Master", Ref. TARIC3-STP

1.6.   Applicable documents

[ARCH]   "Tariff Application Technical Architecture Framework 6.00", Ref. TATAF

[TARIC3-FS]   "TARIC3 Functional Specifications 3.00", Ref. TARIC3-FS

[TARIC3-UI]   "TARIC3-UIS - User Interface Specification 2.00 Ref. TARIC3-UI

2. DATA MAINTENANCE

2.1. Measure agricultural duty expression

2.1.1. Test case init_ref_made_setup: Insertion of Measure agricultural duty expression reference data

Message: **init_ref_measure_agricultural_duty_expression_rule_setup.xml**

Precondition: First, make sure the database is empty.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable language with language id = *EN*, start date = *1900-01-01*:

- Message 2: Insert a stable language with language id = *FR*, start date = *1900-01-01*:

  - o description 1: language id = *EN*, description = *French Language*.

- Message 3: Insert a stable language with language id = *NL*, start date = *1900-01-01*:

  - o description 1: language id = *FR*, description = *Langue flamande*.

  - o description 2: language id = *EN*, description = *Dutch language*.

Transaction 2:
- Message 1: Insert a stable country with country id = *BE*, start date = *1900-01-01*, end date = *2020-01-01*, area code = *0*:

  - o description period 1: start date = *1900-01-01*:

    - ▪ description 1: language id = *EN*, description = *Description*.

    - ▪ description 2: language id = *FR*, description = *Description*.

    - ▪ description 3: language id = *NL*, description = *Description*.

- Message 2: Insert a stable country with country id = *DE*,

start date = *1900-01-01*, end date = *2030-01-01*, area code = *0*:

- o description period 1: start date = *1900-01-01*:

  - description 1: language id = *EN*, description = *Description*.

  - description 2: language id = *FR*, description = *Description*.

  - description 3: language id = *NL*, description = *Description*.

- Message 3: Insert a stable country with country id = *FR*, start date = *1900-01-01*, end date = *2040-01-01*, area code = *0*:

  - o description period 1: start date = *1900-01-01*:

    - description 1: language id = *EN*, description = *Description*.

    - description 2: language id = *FR*, description = *Description*.

    - description 3: language id = *NL*, description = *Description*.

Transaction 3:

- Message 1: Insert a stable country group with country group id = *1000*, start date = *1900-01-01*, country group sid = *1*, area code = *1*:

  - o description period 1: start date = *1900-01-01*:

    - description 1: language id = *EN*, description = *English Description of country group*.

    - description 2: language id = *FR*, description = *French Description of country group*.

    - description 3: language id = *NL*, description = *Dutch Description of country group*.

- Message 2: Insert a stable country group with country group id = *1001*, start date = *2008-01-01*, country group sid = *2*, end date = *2020-01-01*, area code = *1*:

  - o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*,

> description = *English Description of country group*.

- description 2: language id = *FR*, description = *French Description of country group*.

- description 3: language id = *NL*, description = *Dutch Description of country group*.

- Message 3: Insert a stable country group with country group id = *1002*, start date = *2009-01-01*, country group sid = *3*, area code = *1*:

  o description period 1: start date = *2009-01-01*:

    - description 1: language id = *EN*, description = *English Description of country group*.

    - description 2: language id = *FR*, description = *French Description of country group*.

    - description 3: language id = *NL*, description = *Dutch Description of country group*.

- Message 4: Insert a stable country group with country group id = *1003*, start date = *2000-01-01*, country group sid = *4*, area code = *1*:

  o description period 1: start date = *2000-01-01*:

    - description 1: language id = *EN*, description = *English Description of country group*.

    - description 2: language id = *FR*, description = *French Description of country group*.

    - description 3: language id = *NL*, description = *Dutch Description of country group*.

- Message 5: Insert an unstable country group with country group id = *1004*, start date = *2008-01-01*, area code = *1*:

  o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English Description of country group*.

- description 2: language id = *FR*, description = *French Description of country group*.

- description 3: language id = *NL*, description = *Dutch Description of country group*.

Transaction 4:

- Message 1: Insert a stable measure type series with measure type series id = *AA*, start date = *2000-01-01*, end date = *2010-01-01*:

  o description 1: language id = *EN*, description = *English Description MTS AA*.

  o description 2: language id = *FR*, description = *French Description MTS AA*.

  o description 3: language id = *NL*, description = *Dutch Description MTS AA*.

  measure type combination = *0*.

Transaction 5:

- Message 1: Insert a stable additional code type with additional code type id = *A*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of additional code type A*.

  o description 2: language id = *FR*, description = *French Description of additional code type A*.

  o description 3: language id = *NL*, description = *Dutch Description of additional code type A*.

  application code = *1*.

Transaction 6:

- Message 1: Insert a stable additional code with additional code type id = *A*, additional code id = *001*, start date = *2008-01-01*, additional code sid = *1*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description of additional code 001*.

    ▪ description 2: language id = *FR*, description = *French Description of additional code 001*.

- ▪ description 3: language id = *NL*,
  description = *Dutch Description of
  additional code 001*.

Transaction 7:

- • Message 1: Insert a stable additional code with additional
  code type id = *A*, additional code id = *002*, start date =
  2000-01-01:

  - o description period 1: start date = *2000-01-01*:

    - ▪ description 1: language id = *EN*,
      description = *English Description of
      additional code 002*.

    - ▪ description 2: language id = *FR*,
      description = *French Description of
      additional code 002*.

    - ▪ description 3: language id = *NL*,
      description = *Dutch Description of
      additional code 002*.

Transaction 8:

- • Message 1: Insert a stable regulation group with
  regulation group id = *AGR*, start date = *2000-01-01*, end
  date = *2010-01-01*:

  - o description 1: language id = *EN*, description =
    English Description RG AGR.

  - o description 2: language id = *FR*, description =
    French Description RG AGR.

  - o description 3: language id = *NL*, description =
    Dutch Description RG AGR.

Transaction 9:

- • Message 1: Insert a stable measure type with measure
  type id = *001000*, start date = *2000-01-01*, end date =
  2010-01-01:

  - o description 1: language id = *EN*, description =
    English Description MT 001000.

  - o description 2: language id = *FR*, description =
    French Description MT 001000.

  - o description 3: language id = *NL*, description =
    Dutch Description MT 001000.

  measure type series id = *AA*:

  - o associated regulation group 1: regulation group
    id = *AGR*, start date = *2000-01-01*, end date =

2010-01-01.

- o associated additional code type 1: additional code type id = *A*, start date = *2000-01-01*, end date = *2010-01-01*.

trade movement code = *0*, measure explosion level = *6*, measure component applicable code = *0*, order number capture code = *1*, accepted via input bridge = *0*.

Transaction 10:

- Message 1: Insert an unstable measure type with measure type id = *030000*, start date = *2000-01-01*, end date = *2010-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

measure type series id = *AA*:

  - o associated regulation group 1: regulation group id = *AGR*, start date = *2002-01-01*, end date = *2008-01-01*.

  - o associated additional code type 1: additional code type id = *A*, start date = *2000-01-01*, end date = *2010-01-01*.

trade movement code = *0*, measure explosion level = *6*, measure component applicable code = *0*, order number capture code = *1*, accepted via input bridge = *0*.

Transaction 11:

- Message 1: Insert a stable goods nomenclature with goods nomenclature id = *0100000000*, productline suffix = *80*, start date = *2000-01-01*, goods nomenclature sid = *1*:

  - o description period 1: start date = *2000-01-01*:

    - ▪ description 1: language id = *EN*, description = *English Description of XY*.

    - ▪ description 2: language id = *FR*, description = *French Description of XY*.

    - ▪ description 3: language id = *NL*,

description = *Dutch Description of XY*.

- o indent 1: indent sid = *1*, start date = *2000-01-01*, indent number = *1*.

statistical indicator = *0*.

Transaction 12:

- Message 1: Insert a stable goods nomenclature with goods nomenclature id = *0200000000*, productline suffix = *80*, start date = *2000-01-01*:

  - o description period 1: start date = *2000-01-01*:

    - ▪ description 1: language id = *EN*, description = *English Description of XY*.

    - ▪ description 2: language id = *FR*, description = *French Description of XY*.

    - ▪ description 3: language id = *NL*, description = *Dutch Description of XY*.

  - o indent 1: indent sid = *2*, start date = *2000-01-01*, indent number = *1*.

statistical indicator = *0*.

Transaction 13:

- Message 1: Insert a stable duty expression with duty expression id = *11*, start date = *2000-01-01*, end date = *2010-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 14:

- Message 1: Insert a stable agricultural duty expression with duty expression id = *11*, start date = *2000-01-01*, end date = *2010-01-01*, measure type id = *001000*, reduction type = *N*.

Transaction 15:

- Message 1: Insert a stable legal regulation with regulation id = *R0801010*, published date = *2000-01-01*, official journal number = *aaaaa*, official journal page = *1*.

Transaction 16:

- Message 1: Insert a stable legal regulation with regulation id = *R0801011*, published date = *2000-01-01*, official journal number = *aaaaa*, official journal page = *1*.

Transaction 17:

- Message 1: Insert a stable regulation role type with regulation role type id = *1*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of unit qualifier*.

  o description 2: language id = *FR*, description = *French Description of unit qualifier*.

  o description 3: language id = *NL*, description = *Dutch Description of unit qualifier*.

Transaction 18:

- Message 1: Insert a stable base regulation with regulation id = *R0801010*, regulation role type = *1*, start date = *2000-01-01*, end date = *2010-01-01*, community code = *1*, regulation group id = *AGR*, approved flag = *1*.

Transaction 19:

- Message 1: Insert a stable base regulation with regulation id = *R0801011*, regulation role type = *1*, start date = *2000-01-01*, end date = *2010-01-01*, community code = *1*, regulation group id = *AGR*, approved flag = *1*.

Expected output:	The message is composed of transactions replying to the original transactions:

Transaction 1: Status ok.

Transaction 2: Status ok.

Transaction 3: Status ok.

Transaction 4: Status ok.

Transaction 5: Status ok.

Transaction 6: Status ok.

Transaction 7: Status ok.

Transaction 8: Status ok.

Transaction 9: Status ok.

Transaction 10: Status ok.

Transaction 11: Status ok.

Transaction 12: Status ok.

Transaction 13: Status ok.

Transaction 14: Status ok.

Transaction 15: Status ok.

Transaction 16: Status ok.

Transaction 17: Status ok.

Transaction 18: Status ok.

Transaction 19: Status ok.

2.1.2. Test case dm_made_insert: Insertion of a measure agricultural duty expression

Message: **dm_made_insert_setup_01.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_measure_agricultural_duty_expression_rule_setup.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable measure with measure type id = *001000*, geographical area id = *1000*, start date = *1900-01-01*, goods nomenclature id = *0100000000*, productline suffix = *80*, additional code type id = *A*, additional code id = *001*, order number = *094002*, start date = *2009-01-01*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 2:

- Message 1: Insert an unstable measure with measure type id = *030000*, geographical area id = *BE*, start date = *1900-01-01*, goods nomenclature id = *0100000000*, productline suffix = *80*, additional code type id = *A*, additional code id = *001*, order number = *094002*, start date = *2009-02-01*, measure sid = *2*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 3:

- Message 1: Insert a stable measure with measure type id = *001000*, geographical area id = *FR*, start date = *1900-01-01*, goods nomenclature id = *0100000000*, productline suffix = *80*, additional code type id = *A*, additional code id = *001*, order number = *094002*, start date = *2009-02-01*, measure sid = *3*, regulation id = *R0801010*, regulation role type = *1*:

  o measure component 1: duty expression id = *11*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:   Status ok.

Reply to transaction 2:   Status ok.

Reply to transaction 3:   Status ok.

Message: **dm_made_insert_setup_02.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_measure_agricultural_duty_expression_rule_setup.xml* and *dm_made_insert_setup_01.xml* messages should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable measure type with measure type id = *001*, start date = *2000-01-01*, end date = *2010-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  measure type series id = *AA*:

  o associated regulation group 1: regulation group id = *AGR*, start date = *2000-01-01*, end date = *2010-01-01*.

  trade movement code = *1*, measure explosion level = *10*, measure component applicable code = *0*, order number capture code = *1*, accepted via input bridge = *1*.

Transaction 2:

- Message 1: Insert a stable measure with measure type id = *001*, geographical area id = *BE*, goods nomenclature id = *0100000000*, productline suffix = *80*, order number = *111111*, start date = *2000-01-01*, measure sid = *116*, end date = *2005-01-01*, regulation id = *R0801010*, regulation role type = *1*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 3:

- Message 1: Insert a stable measure with measure type id = *001*, geographical area id = *BE*, goods nomenclature id = *0100000000*, productline suffix = *80*, order number = *222222*, start date = *2004-01-01*, measure sid = *117*, end date = *2010-01-01*, regulation id = *R0801010*, regulation role type = *1*, regulation id = *R0801010*, regulation role type = *1*.

Expected output: The message is composed of transactions replying to the original transactions:

Transaction 2: Status ok.

Transaction 3: Status ok.

Transaction 4: Status ok.

Message: **dm_made_insert_setup_03.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_measure_agricultural_duty_expression_rule_setup.xml* and *dm_made_insert_setup_01.xml* messages should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable measure type with measure type id = *008888*, start date = *2000-01-01*, end date = *2010-01-01*:

  o description 1: language id = *EN*, description = *english description MT 008888*.

  o description 2: language id = *FR*, description = *french description MT 008888*.

  o description 3: language id = *NL*, description = *dutch description MT 008888*.

measure type series id = *AA*:

- o associated regulation group 1: regulation group id = *AGR*, start date = *2000-01-01*, end date = *2010-01-01*.

- o associated additional code type 1: additional code type id = *A*, start date = *2000-01-01*, end date = *2010-01-01*.

trade movement code = *0*, measure explosion level = *10*, measure component applicable code = *0*, order number capture code = *1*, accepted via input bridge = *0*.

Transaction 2:

- Message 1: Insert a stable duty expression with duty expression id = *88*, start date = *2000-01-01*, end date = *2010-01-01*:

  - o description 1: language id = *EN*, description = *English Description DE 88*.

  - o description 2: language id = *FR*, description = *French Description DE 88*.

  - o description 3: language id = *NL*, description = *Dutch Description DE 88*.

  duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 3:

- Message 1: Insert a stable agricultural duty expression with duty expression id = *88*, start date = *2000-01-01*, end date = *2010-01-01*, measure type id = *008888*, reduction type = *N*.

Transaction 4:

- Message 1: Insert a stable measure with measure type id = *008888*, geographical area id = *1000*, start date = *2000-01-01*, goods nomenclature id = *0200000000*, productline suffix = *80*, additional code type id = *A*, additional code id = *002*, start date = *2000-01-01*, order number = *094002*, start date = *2000-01-01*, end date = *2008-01-01*, regulation id = *R0801010*, regulation role type = *1*, regulation id = *R0801011*, regulation role type = *1*:

  - o measure component 1: duty expression id = *88*.

Transaction 5:

- Message 1: Insert a stable measure with measure type id = *008888*, geographical area id = *1003*, start date = *2000-*

01-01, goods nomenclature id = *0200000000*, productline suffix = *80*, additional code type id = *A*, additional code id = *002*, start date = *2000-01-01*, order number = *094002*, start date = *2007-01-01*, end date = *2009-12-31*, regulation id = *R0801010*, regulation role type = *1*, regulation id = *R0801011*, regulation role type = *1*:

- o measure component 1: duty expression id = *88*.

Transaction 6:

- Message 1: Insert a stable measure type with measure type id = *007777*, start date = *2000-01-01*, end date = *2010-01-01*:

  - o description 1: language id = *EN*, description = *english description MT 007777*.

  - o description 2: language id = *FR*, description = *french description MT 007777*.

  - o description 3: language id = *NL*, description = *dutch description MT 007777*.

  measure type series id = *AA*:

  - o associated regulation group 1: regulation group id = *AGR*, start date = *2000-01-01*, end date = *2010-01-01*.

  - o associated additional code type 1: additional code type id = *A*, start date = *2000-01-01*, end date = *2010-01-01*.

  trade movement code = *0*, measure explosion level = *10*, measure component applicable code = *0*, order number capture code = *1*, accepted via input bridge = *0*.

Transaction 7:

- Message 1: Insert a stable duty expression with duty expression id = *77*, start date = *2000-01-01*, end date = *2010-01-01*:

  - o description 1: language id = *EN*, description = *English Description DE 77*.

  - o description 2: language id = *FR*, description = *French Description DE 77*.

  - o description 3: language id = *NL*, description = *Dutch Description DE 77*.

  duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 8:

- Message 1: Insert a stable agricultural duty expression with duty expression id = *77*, start date = *2000-01-01*, end date = *2010-01-01*, measure type id = *007777*, reduction type = *N*.

Transaction 9:

- Message 1: Insert a stable measure with measure type id = *007777*, geographical area id = *1000*, start date = *2000-01-01*, goods nomenclature id = *0200000000*, productline suffix = *80*, additional code type id = *A*, additional code id = *002*, start date = *2000-01-01*, order number = *094007*, start date = *2000-01-01*, end date = *2008-01-01*, regulation id = *R0801010*, regulation role type = *1*, regulation id = *R0801011*, regulation role type = *1*:

    o measure component 1: duty expression id = *88*.

Transaction 10:

- Message 1: Insert a stable measure with measure type id = *007777*, geographical area id = *1003*, start date = *2000-01-01*, goods nomenclature id = *0200000000*, productline suffix = *80*, additional code type id = *A*, additional code id = *002*, start date = *2000-01-01*, order number = *094007*, start date = *2008-01-01*, end date = *2009-12-31*, regulation id = *R0801010*, regulation role type = *1*, regulation id = *R0801011*, regulation role type = *1*:

    o measure component 1: duty expression id = *88*.

Expected output: The message is composed of transactions replying to the original transactions:

Transaction 1: Status ok.

Transaction 2: Status ok.

Transaction 3: Status ok.

Transaction 4: Status ok.

Transaction 5: Status ok.

Transaction 6: Status ok.

Transaction 7: Status ok.

Transaction 8: Status ok.

Transaction 9: Status ok.

Transaction 10: Status ok.

Message: **dm_made_insert_01.xml**

Precondition: Make sure the dm_made_insert_setup_01.xml and dm_made_insert_setup_03.xml messages have been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *1*.

Transaction 2:

- Message 1: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *1*.

Transaction 3:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2000-01-01*.

Transaction 4:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *00100010*, geographical area id = *A1003*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *2*.

Transaction 5:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1002*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *3*, end date = *2008-01-01*.

Transaction 6:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *ZZ00*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *4*.

Transaction 7:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *714000*, geographical area id = *1002*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *5*.

Transaction 8:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1002*, start date = *1800-01-01*, measure agricultural duty expression rule sid = *7*.

Transaction 9:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *008888*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *8*, end date = *2010-01-01*.

Transaction 10:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *007777*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *9*, end date = *2009-01-01*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-1: The combination measure type + geographical area + start date must be unique in the universe of the stable and unstable data.

Reply to transaction 4:

- Message 1, on measure.type.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on geographical.area.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

Reply to transaction 5:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 6:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-4: The geographical area must exist.

Reply to transaction 7:

- Message 1, on
  measure.agricultural.duty.expression.rule.ref : VR-
  MADE-3: The measure type must exist.

Reply to transaction 8:

- Message 1, on
  measure.agricultural.duty.expression.rule.ref : VR-
  MADE-5: The validity period of the measures-
  agricultural duty expression rules must be enclosed by
  the referencing measure type validity period.

- Message 1, on geographical.area.id : VR-MADE-6: The
  validity period of the measures-agricultural duty
  expression rules must be enclosed by the referenced
  geographical area validity period.

Reply to transaction 9:

- Message 1, on
  measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 10:

- Message 1, on
  measure.agricultural.duty.expression.rule.ref : OK.

Message: **dm_made_insert_02.xml**

Precondition: Make sure the dm_made_insert_setup_01.xml,
dm_made_insert_setup_02.xml and
dm_made_insert_setup_03.xml messages have been successfully
processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable measure agricultural duty
  expression rule with measure type id = *001000*,
  geographical area id = *1003*, start date = *2000-01-01*,
  measure agricultural duty expression rule sid = *1*, end
  date = *2010-01-01*.

Transaction 2:

- Message 1: Request the measure agricultural duty
  expression rule with query space field = *MEASURE
  AGRICULTURAL DUTY EXPRESSION
  RULE.MEASURE AGRICULTURAL DUTY
  EXPRESSION RULE REF.Measure agricultural duty
  expression rule sid*, operator = =, constant = *1*.

Transaction 3:

- Message 1: Insert a stable measure agricultural duty

expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *2*, end date = *2010-01-01*.

Transaction 4:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000A*, geographical area id = *1003A*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *3*, end date = *2010-01-01*.

Transaction 5:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1002*, start date = *2010-01-01*, measure agricultural duty expression rule sid = *4*, end date = *2000-01-01*.

Transaction 6:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *ZZ00*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *5*, end date = *2010-01-01*.

Transaction 7:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *714000*, geographical area id = *1002*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *6*, end date = *2010-01-01*.

Transaction 8:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2005-01-01*, measure agricultural duty expression rule sid = *7*, end date = *2015-01-01*.

Transaction 9:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1002*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *8*, end date = *2010-01-01*.

Transaction 10:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1002*, start date = *1990-01-01*, measure agricultural duty expression rule sid = *9*, end date = *2010-01-01*.

Transaction 12:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *007777*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *9*, end date = *2007-01-01*.

Transaction 13:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *030000*, geographical area id = *1001*, start date = *2000-03-01*, measure agricultural duty expression rule sid = *12*, end date = *2009-12-31*.

Transaction 14:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1004*, start date = *2009-03-01*, measure agricultural duty expression rule sid = *13*, end date = *2009-12-31*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-1: The combination measure type + geographical area + start date must be unique in the universe of the stable and unstable data.

Reply to transaction 4:

- Message 1, on measure.type.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on geographical.area.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

Reply to transaction 5:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 6:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-

MADE-4: The geographical area must exist.

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

- Message 1, on geographical.area.id : VR-MADE-11: The geographical area must be stable when the measure-agricultural duty expres-sion rule is stable.

Reply to transaction 7:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-3: The measure type must exist.

Reply to transaction 8:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-5: The validity period of the measures-agricultural duty expression rules must be enclosed by the referencing measure type validity period.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-7: The validity period of a measure-agricultural duty expression rule can not overlap the validity period of another measure-agricultural duty expression rule with the same measure type + geographical area.

Reply to transaction 9:

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

Reply to transaction 10:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-5: The validity period of the measures-agricultural duty expression rules must be enclosed by the referencing measure type validity period.

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

Reply to transaction 12:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-9: The validity period of a measure-agricultural duty expression rule must span the validity period of measures with the same measure type and geographical

area, which have a start date within that validity period, and which have agricultural duty expressions in their measure components.

Reply to transaction 13:

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

- Message 1, on measure.type.id : VR-MADE-10: The measure type must be stable when the measure-agricultural duty expression rule is stable.

Reply to transaction 14:

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

- Message 1, on geographical.area.id : VR-MADE-11: The geographical area must be stable when the measure-agricultural duty expres-sion rule is stable.

Message:	**dm_made_insert_04.xml**
Precondition:	Make sure the dm_made_insert_setup_01.xml message has been successfully processed.
Content:	The message is composed of the following transactions:
	Transaction 1: Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1011*, measure agricultural duty expression rule sid = *1*.
Expected output:	The message is composed of transactions replying to the original transactions:
	Reply to transaction 1: Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

2.1.3. Test case dm_made_update: Update of a measure agricultural duty expression

Message:	**dm_made_update_setup_01.xml**
Precondition:	Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose,

init_ref_measure_agricultural_duty_expression_rule_setup.xml message has been successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-12-01*.

Transaction 2:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *2*, end date = *2009-06-01*.

Transaction 3:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1000*, start date = *2008-01-01*, measure agricultural duty expression rule sid = *4*, end date = *2008-02-01*.

Transaction 4:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1001*, start date = *2008-01-01*, measure agricultural duty expression rule sid = *5*, end date = *2008-05-01*.

Transaction 5:

- Message 1: Insert an unstable measure with measure type id = *001000*, geographical area id = *1000*, start date = *2000-01-01*, goods nomenclature id = *0100000000*, productline suffix = *80*, start date = *2008-01-01*, additional code type id = *A*, additional code id = *001*, start date = *2008-01-01*, order number = *094002*, reduction indicator = *1*, start date = *2009-01-01*, measure sid = *1*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 6:

- Message 1: Insert an unstable measure with measure type id = *001000*, geographical area id = *1000*, start date = *2000-01-01*, goods nomenclature id = *0100000000*, productline suffix = *80*, start date = *2008-01-01*, additional code type id = *A*, additional code id = *001*, start date = *2008-01-01*, order number = *094002*, reduction indicator = *1*, start date = *2009-02-01*, measure

sid = *2*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 7:

- Message 1: Insert an unstable measure with measure type id = *001000*, geographical area id = *1001*, start date = *2008-01-01*, goods nomenclature id = *0100000000*, productline suffix = *80*, start date = *2008-01-01*, additional code type id = *A*, additional code id = *001*, start date = *2008-01-01*, order number = *094002*, reduction indicator = *1*, start date = *2008-02-01*, measure sid = *3*, regulation id = *R0801010*, regulation role type = *1*:

    o measure component 1: duty expression id = *11*.

Transaction 8:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1004*, start date = *2009-03-01*, measure agricultural duty expression rule sid = *6*, end date = *2009-12-31*.

Transaction 9:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *030000*, geographical area id = *1001*, start date = *2009-03-01*, measure agricultural duty expression rule sid = *7*, end date = *2009-12-31*.

| *Expected output:* | The message is composed of transactions replying to the original transactions: |

Transaction 1: Status ok.

Transaction 2: Status ok.

Transaction 3: Status ok.

Transaction 4: Status ok.

Transaction 5: Status ok.

Transaction 6: Status ok.

Transaction 7: Status ok.

Transaction 8: Status ok.

Transaction 9: Status ok.

| *Message:* | **dm_made_update_setup_02.xml** |

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_measure_agricultural_duty_expression_rule_setup.xml* and dm_made_update_setup_01.xml messages should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable measure type with measure type id = *007776*, start date = *2000-01-01*, end date = *2010-01-01*:

    o description 1: language id = *EN*, description = *English Description of 007776*.

    o description 2: language id = *FR*, description = *French Description of 007776*.

    o description 3: language id = *NL*, description = *Dutch Description of 007776*.

    measure type series id = *AA*:

    o associated regulation group 1: regulation group id = *AGR*, start date = *2000-01-01*, end date = *2010-01-01*.

    o associated additional code type 1: additional code type id = *A*, start date = *2000-01-01*, end date = *2010-01-01*.

    trade movement code = *0*, measure explosion level = *6*, measure component applicable code = *0*, order number capture code = *1*, accepted via input bridge = *0*.

Transaction 2:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *007776*, geographical area id = *1002*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *107*, end date = *2010-01-01*.

Transaction 3:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *007776*, geographical area id = *1001*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *108*, end date = *2010-01-01*.

Transaction 4:

- Message 1: Insert a stable country group with country group id = *5555*, start date = *2000-01-01*, end date =

2047-01-01, area code = *1*:

  o description period 1: start date = *2000-01-01*:

  ▪ description 1: language id = *EN*, description = *English Description of 5555*.

  ▪ description 2: language id = *FR*, description = *French Description of 5555*.

  ▪ description 3: language id = *NL*, description = *Dutch Description of 5555*.

Transaction 5:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *5555*, start date = *2001-01-01*, measure agricultural duty expression rule sid = *109*, end date = *2008-01-01*.

Transaction 6:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *5555*, start date = *2008-12-01*, measure agricultural duty expression rule sid = *110*, end date = *2010-01-01*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Status ok.

Reply to transaction 2: Status ok.

Reply to transaction 3: Status ok.

Reply to transaction 4: Status ok.

Reply to transaction 5: Status ok.

Reply to transaction 6: Status ok.

Message: **dm_made_update_setup_03.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_measure_agricultural_duty_expression_rule_setup.xml* and *dm_made_update_setup_01.xml* messages should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable measure type with measure type id = *008888*, start date = *2000-01-01*, end date = *2010-01-01*:

    o description 1: language id = *EN*, description = *english description MT 008888*.

    o description 2: language id = *FR*, description = *french description MT 008888*.

    o description 3: language id = *NL*, description = *dutch description MT 008888*.

  measure type series id = *AA*:

    o associated regulation group 1: regulation group id = *AGR*, start date = *2000-01-01*, end date = *2010-01-01*.

    o associated additional code type 1: additional code type id = *A*, start date = *2000-01-01*, end date = *2010-01-01*.

  trade movement code = *0*, measure explosion level = *10*, measure component applicable code = *0*, order number capture code = *1*, accepted via input bridge = *0*.

Transaction 2:

- Message 1: Insert a stable duty expression with duty expression id = *88*, start date = *2000-01-01*, end date = *2010-01-01*:

    o description 1: language id = *EN*, description = *English Description DE 88*.

    o description 2: language id = *FR*, description = *French Description DE 88*.

    o description 3: language id = *NL*, description = *Dutch Description DE 88*.

  duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 3:

- Message 1: Insert a stable agricultural duty expression with duty expression id = *88*, start date = *2000-01-01*, end date = *2010-01-01*, measure type id = *008888*, reduction type = *N*.

Transaction 4:

- Message 1: Insert a stable measure with measure type id = *008888*, geographical area id = *1000*, start date = *2000-01-01*, goods nomenclature id = *0200000000*, productline suffix = *80*, start date = *2000-01-01*, additional code type id = *A*, additional code id = *002*, start date = *2000-01-01*, order number = *094002*, start date = *2006-01-01*, end date = *2009-01-01*, regulation id = *R0801010*, regulation role type = *1*, regulation id = *R0801011*, regulation role type = *1*:

  - measure component 1: duty expression id = *88*.

Transaction 5:

- Message 1: Insert a stable measure with measure type id = *008888*, geographical area id = *1000*, start date = *2000-01-01*, goods nomenclature id = *0200000000*, productline suffix = *80*, start date = *2000-01-01*, additional code type id = *A*, additional code id = *002*, start date = *2000-01-01*, order number = *094003*, start date = *2002-01-01*, end date = *2007-01-01*, regulation id = *R0801010*, regulation role type = *1*, regulation id = *R0801011*, regulation role type = *1*:

  - measure component 1: duty expression id = *88*.

Transaction 6:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *008888*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *888*, end date = *2010-01-01*.

Transaction 7:

- Message 1: Insert a stable measure type with measure type id = *007777*, start date = *2000-01-01*, end date = *2010-01-01*:

  - description 1: language id = *EN*, description = *english description MT 007777*.

  - description 2: language id = *FR*, description = *french description MT 007777*.

  - description 3: language id = *NL*, description = *dutch description MT 007777*.

  measure type series id = *AA*:

  - associated regulation group 1: regulation group id = *AGR*, start date = *2000-01-01*, end date = *2010-01-01*.

  - associated additional code type 1: additional

code type id = *A*, start date = *2000-01-01*, end
date = *2010-01-01*.

trade movement code = *0*, measure explosion level = *10*,
measure component applicable code = *0*, order number
capture code = *1*, accepted via input bridge = *0*.

Transaction 8:

- Message 1: Insert a stable duty expression with duty
  expression id = *77*, start date = *2000-01-01*, end date =
  2010-01-01:

    o description 1: language id = *EN*, description =
      English Description DE 77.

    o description 2: language id = *FR*, description =
      French Description DE 77.

    o description 3: language id = *NL*, description =
      Dutch Description DE 77.

  duty amount applicability code = *0*, measurement unit
  applicability code = *0*, monetary unit applicability code =
  0.

Transaction 9:

- Message 1: Insert a stable agricultural duty expression
  with duty expression id = *77*, start date = *2000-01-01*,
  end date = *2010-01-01*, measure type id = *007777*,
  reduction type = *N*.

Transaction 10:

- Message 1: Insert a stable measure with measure type id
  = *007777*, geographical area id = *1000*, start date = *2000-
  01-01*, goods nomenclature id = *0200000000*, productline
  suffix = *80*, additional code type id = *A*, additional code
  id = *002*, start date = *2000-01-01*, order number =
  094007, start date = *2000-01-01*, end date = *2008-01-01*,
  regulation id = *R0801010*, regulation role type = *1*,
  regulation id = *R0801011*, regulation role type = *1*:

    o measure component 1: duty expression id = *77*.

Transaction 11:

- Message 1: Insert a stable measure with measure type id
  = *007777*, geographical area id = *1000*, start date = *2000-
  01-01*, goods nomenclature id = *0200000000*, productline
  suffix = *80*, additional code type id = *A*, additional code
  id = *002*, start date = *2000-01-01*, order number =
  094008, start date = *2008-01-01*, end date = *2009-12-31*,
  regulation id = *R0801010*, regulation role type = *1*,
  regulation id = *R0801011*, regulation role type = *1*:

      o measure component 1: duty expression id = *77*.

Transaction 12:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *007777*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *777*, end date = *2010-01-01*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Status ok.

Reply to transaction 2: Status ok.

Reply to transaction 3: Status ok.

Reply to transaction 4: Status ok.

Reply to transaction 5: Status ok.

Reply to transaction 6: Status ok.

Reply to transaction 7: Status ok.

Reply to transaction 8: Status ok.

Reply to transaction 9: Status ok.

Reply to transaction 10: Status ok.

Reply to transaction 11: Status ok.

Reply to transaction 12: Status ok.

Message: **dm_made_update_01.xml**

Precondition: Make sure the dm_made_update_setup_01.xml and dm_made_update_setup_03 messages have been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end

date = *2009-09-12*.

Transaction 2:

- Message 1: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *1*.

Transaction 3:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2008-01-01*.

Transaction 4:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2008-01-01*, measure agricultural duty expression rule sid = *4*, end date = *2009-12-31*.

Transaction 5:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *008888*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *888*, end date = *2010-01-01*.

Transaction 6:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *007777*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *777*, end date = *2010-01-01*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 4:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-12: The geographical area cannot be modified.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-7: The validity period of a measure-agricultural duty expression rule can not overlap the validity period of another measure-agricultural duty expression rule with the same measure type + geographical area.

Reply to transaction 5:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 6:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Message: **dm_made_update_02.xml**

Precondition: Make sure the dm_made_update_setup_01.xml and dm_made_update_setup_03 messages have been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-09-01*.

Transaction 2:

- Message 1: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *1*.

Transaction 3:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2008-01-01*.

Transaction 4:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2008-01-01*, measure agricultural duty expression rule sid = *4*, end date = *2009-02-01*.

Transaction 6:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *007777*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *777*, end date = *2009-01-01*.

Transaction 7:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1004*, start date = *2009-03-01*, measure agricultural duty expression rule sid = *6*, end date = *2009-12-31*.

Transaction 8:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *030000*, geographical area id = *1001*, start date = *2009-03-01*, measure agricultural duty expression rule sid = *7*, end date = *2009-12-31*.

| *Expected output:* | The message is composed of transactions replying to the original transactions: |

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 4:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-12: The geographical area cannot be modified.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-7: The validity period of a measure-agricultural duty expression rule can not overlap the validity period of another measure-agricultural duty expression rule with

the same measure type + geographical area.

Reply to transaction 6:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-9: The validity period of a measure-agricultural duty expression rule must span the validity period of measures with the same measure type and geographical area, which have a start date within that validity period, and which have agricultural duty expressions in their measure components.

Reply to transaction 7:

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

- Message 1, on geographical.area.id : VR-MADE-11: The geographical area must be stable when the measure-agricultural duty expres-sion rule is stable.

Reply to transaction 8:

- Message 1, on measure.type.id : VR-MADE-10: The measure type must be stable when the measure-agricultural duty expression rule is stable.

Message: **dm_made_update_03.xml**

Precondition: Make sure the dm_made_update_setup_01.xml message has been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *2*, end date = *2009-05-01*.

Transaction 2:

- Message 1: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *2*.

Transaction 3:

- Message 1: Update the stable measure agricultural duty

expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *2*, end date = *2008-01-01*.

Transaction 4:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-12-01*.

Transaction 5:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *2*, end date = *2009-12-01*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 4:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 5:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-7: The validity period of a measure-agricultural duty expression rule can not overlap the validity period of another measure-agricultural duty expression rule with the same measure type + geographical area.

Message: **dm_made_update_04.xml**

Precondition: Make sure the dm_made_update_setup_01.xml and dm_made_update_setup_02.xml messages have been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *003000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-12-01*.

Transaction 2:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1001*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-12-01*.

Transaction 3:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *011223*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *01010101*, end date = *2009-12-01*.

Transaction 4:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *2*, end date = *2009-05-01*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-2: The measure type cannot be modified.

Reply to transaction 2:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-12: The geographical area cannot be modified.

Reply to transaction 3:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 4:

- Message 1, on stability.flag : VR-VI-11: The publication status of data can only be unstable if the information is

new in the system or the previous version of the information also has publication status unstable.

Message: **dm_made_update_05.xml**

Precondition: Make sure the dm_made_update_setup_01.xml and dm_made_update_setup_02.xml messages have been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *003000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-12-01*.

Transaction 2:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *007776*, geographical area id = *1001*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *107*, end date = *2050-01-01*.

Transaction 3:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *5555*, start date = *2001-01-01*, measure agricultural duty expression rule sid = *109*, end date = *2050-01-01*.

Transaction 4:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1001*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-12-01*.

Transaction 5:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *011223*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *01521540*, end date = *2009-12-01*.

Transaction 6:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, measure agricultural duty

expression rule sid = *1*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-2: The measure type cannot be modified.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-5: The validity period of the measures-agricultural duty expression rules must be enclosed by the referencing measure type validity period.

- Message 1, on measure.type.id : VR-MADE-10: The measure type must be stable when the measure-agricultural duty expression rule is stable.

Reply to transaction 2:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-12: The geographical area cannot be modified.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-5: The validity period of the measures-agricultural duty expression rules must be enclosed by the referencing measure type validity period.

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-7: The validity period of a measure-agricultural duty expression rule can not overlap the validity period of another measure-agricultural duty expression rule with the same measure type + geographical area.

Reply to transaction 3:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-5: The validity period of the measures-agricultural duty expression rules must be enclosed by the referencing measure type validity period.

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced

geographical area validity period.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-7: The validity period of a measure-agricultural duty expression rule can not overlap the validity period of another measure-agricultural duty expression rule with the same measure type + geographical area.

Reply to transaction 4:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-12: The geographical area cannot be modified.

Reply to transaction 5:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 6:

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

Message: **dm_made_update_06.xml**

Precondition: Make sure the dm_made_update_setup_01.xml, dm_made_update_setup_02.xml and dm_made_update_setup_03 messages have been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *003000*, geographical area id = *1003*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-05-01*.

Transaction 2:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *007777*, geographical area id = *1001*, start date = *2011-01-01*, measure agricultural duty expression rule sid = *108*, end date = *2050-01-01*.

Transaction 3:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *5555*, start date = *2012-01-01*,

measure agricultural duty expression rule sid = *110*, end date = *2050-01-01*.

Transaction 4:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1001*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *2*, end date = *2009-06-01*.

Transaction 5:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-03-01*, measure agricultural duty expression rule sid = *2*, end date = *2009-06-01*.

Transaction 6:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *008888*, geographical area id = *1000*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *888*, end date = *2008-01-01*.

Transaction 7:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *011223*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *11111111*, end date = *2009-12-01*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-2: The measure type cannot be modified.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-5: The validity period of the measures-agricultural duty expression rules must be enclosed by the referencing measure type validity period.

- Message 1, on measure.type.id : VR-MADE-10: The measure type must be stable when the measure-agricultural duty expression rule is stable.

Reply to transaction 2:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-

MADE-2: The measure type cannot be modified.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-5: The validity period of the measures-agricultural duty expression rules must be enclosed by the referencing measure type validity period.

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-13: The start date cannot be modified.

Reply to transaction 3:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-5: The validity period of the measures-agricultural duty expression rules must be enclosed by the referencing measure type validity period.

- Message 1, on geographical.area.id : VR-MADE-6: The validity period of the measures-agricultural duty expression rules must be enclosed by the referenced geographical area validity period.

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-13: The start date cannot be modified.

Reply to transaction 4:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-12: The geographical area cannot be modified.

Reply to transaction 5:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-13: The start date cannot be modified.

Reply to transaction 6:

- Message 1, on measure.agricultural.duty.expression.rule.ref : VR-MADE-9: The validity period of a measure-agricultural duty expression rule must span the validity period of measures with the same measure type and geographical area, which have a start date within that validity period, and which have agricultural duty expressions in their measure components.

Reply to transaction 7:

- Message 1, on
  measure.agricultural.duty.expression.rule.ref : VR-VI-1:
  Data to be updated must exist.

2.1.4. Test case dm_made_delete: Deletion of a measure agricultural duty expression

Message: **dm_made_delete_setup_01.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_measure_agricultural_duty_expression_rule_setup.xml* message has been successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-07-01*, measure agricultural duty expression rule sid = *1*, end date = *2009-12-01*.

Transaction 2:

- Message 1: Insert a stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *1003*, start date = *2009-01-01*, measure agricultural duty expression rule sid = *2*, end date = *2009-06-01*.

Expected output: The message is composed of transactions replying to the original transactions:

Transaction 1: Status ok.

Transaction 2: Status ok.

Message: **dm_made_delete_01.xml**

Precondition: Make sure the message dm_made_delete_setup_01.xml has been correctly processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Delete the measure agricultural duty expression rule with measure agricultural duty

expression rule sid = *1*.

Transaction 2:

- Message 1: Delete the measure agricultural duty expression rule with measure agricultural duty expression rule sid = *2*.

Transaction 3:

- Message 1: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *1*.

- Message 2: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *2*.

Transaction 4:

- Message 1: Delete the measure agricultural duty expression rule with measure agricultural duty expression rule sid = *1*.

Transaction 5:

- Message 1: Delete the measure agricultural duty expression rule with measure agricultural duty expression rule sid = *2*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on measure.agricultural.duty.expression.rule.sid : OK.

Reply to transaction 2:

- Message 1, on measure.agricultural.duty.expression.rule.sid : OK.

Reply to transaction 3:

- Message 1 : OK.

- Message 2 : OK.

Reply to transaction 4:

- Message 1, on measure.agricultural.duty.expression.rule.sid : VR-VI-3: Data to be deleted must exist.

Reply to transaction 5:

- Message 1, on
  measure.agricultural.duty.expression.rule.sid : VR-VI-3:
  Data to be deleted must exist.

2.2.   Meursing additional code

2.2.1. Test case init_meursing_additional_code_setup: Insertion of meursing additional code reference data

Message: **init_ref_meursing_additional_code_setup.xml**

Precondition: First, make sure the database is empty.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable language with language id = *EN*, start date = *2000-01-01*:

- Message 2: Insert a stable language with language id = *FR*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of fr*.

- Message 3: Insert a stable language with language id = *NL*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of nl*.

  o description 2: language id = *FR*, description = *Description francaise nl*.

Transaction 2:

- Message 1: Insert a stable footnote type with footnote type id = *ACG*, start date = *1980-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

application code = *8*.

Transaction 3:

- Message 1: Insert an unstable footnote type with footnote
  type id = *ACI*, start date = *1980-01-01*:

    o description 1: language id = *EN*, description =
      English Description.

    o description 2: language id = *FR*, description =
      French Description.

    o description 3: language id = *NL*, description =
      Dutch Description.

  application code = *8*.

Transaction 4:

- Message 1: Insert a stable footnote with footnote type id
  = *ACG*, footnote id = *00700*, start date = *2007-01-01*:

    o description period 1: start date = *2007-01-01*:

        ▪ description 1: language id = *EN*,
          description = *English Description*.

        ▪ description 2: language id = *FR*,
          description = *French Description*.

        ▪ description 3: language id = *NL*,
          description = *Dutch Description*.

- Message 2: Insert a stable footnote with footnote type id
  = *ACG*, footnote id = *00800*, start date = *2007-01-01*:

    o description period 1: start date = *2007-01-01*:

        ▪ description 1: language id = *EN*,
          description = *English Description*.

        ▪ description 2: language id = *FR*,
          description = *French Description*.

        ▪ description 3: language id = *NL*,
          description = *Dutch Description*.

- Message 3: Insert a stable footnote with footnote type id
  = *ACG*, footnote id = *00900*, start date = *2007-01-01*:

    o description period 1: start date = *2007-01-01*:

        ▪ description 1: language id = *EN*,
          description = *English Description*.

        ▪ description 2: language id = *FR*,
          description = *French Description*.

        ▪ description 3: language id = *NL*,

description = *Dutch Description*.

Transaction 5:

- Message 1: Insert an unstable footnote with footnote type id = *ACI*, footnote id = *01500*, start date = *2000-01-01*:

  o description period 1: start date = *2000-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description*.

    ▪ description 2: language id = *FR*, description = *French Description*.

    ▪ description 3: language id = *NL*, description = *Dutch Description*.

- Message 2: Insert an unstable footnote with footnote type id = *ACI*, footnote id = *01600*, start date = *2000-01-01*:

  o description period 1: start date = *2000-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description*.

    ▪ description 2: language id = *FR*, description = *French Description*.

    ▪ description 3: language id = *NL*, description = *Dutch Description*.

Transaction 6:

- Message 1: Insert a stable country with country id = *IT*, start date = *1900-01-01*, country sid = *1*, area code = *0*:

  o description period 1: start date = *1900-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description of IT*.

    ▪ description 2: language id = *FR*, description = *French Description of IT*.

    ▪ description 3: language id = *NL*, description = *Dutch Description of IT*.

Transaction 7:

- Message 1: Insert a stable measure type series with measure type series id = *AA*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of M. Type AA*.

  o description 2: language id = *FR*, description = *French Description of M. Type AA*.

  o description 3: language id = *NL*, description = *Dutch Description of M. Type AA*.

measure type combination = *0*.

Transaction 8:

- Message 1: Insert a stable additional code type with additional code type id = *A*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description of additional code type A*.

  o description 2: language id = *FR*, description = *French Description of additional code type A*.

  o description 3: language id = *NL*, description = *Dutch Description of additional code type A*.

application code = *3*.

Transaction 9:

- Message 1: Insert a stable regulation group with regulation group id = *SRG*, start date = *2001-01-01*:

  o description 1: language id = *EN*, description = *English description*.

  o description 2: language id = *FR*, description = *French description*.

  o description 3: language id = *NL*, description = *Dutch description*.

Transaction 10:

- Message 1: Insert a stable measure type with measure type id = *001000*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

measure type series id = *AA*:

  o associated regulation group 1: regulation group id = *SRG*, start date = *2001-01-01*.

  o associated additional code type 1: additional code type id = *A*, start date = *2008-01-01*.

trade movement code = *0*, measure explosion level = *6*,

measure component applicable code = *2*, order number capture code = *2*, accepted via input bridge = *0*.

Transaction 11:

- Message 1: Insert a stable legal regulation with regulation id = *R0801010*, published date = *2000-01-01*, official journal number = *1*, official journal page = *5*, information text = *test*.

Transaction 12:

- Message 1: Insert a stable regulation role type with regulation role type id = *1*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *Base regulation*.

    o description 2: language id = *FR*, description = *Rà¨glement de base*.

    o description 3: language id = *NL*, description = *Basisverordening*.

Transaction 13:

- Message 1: Insert a stable goods nomenclature with goods nomenclature id = *0100000000*, productline suffix = *80*, start date = *2000-01-01*, goods nomenclature sid = *1*:

    o description period 1: start date = *2000-01-01*:

        ▪ description 1: language id = *EN*, description = *English Description of GN 0100000000*.

        ▪ description 2: language id = *FR*, description = *French Description of GN 0100000000*.

        ▪ description 3: language id = *NL*, description = *Dutch Description of GN 0100000000*.

    o indent 1: indent sid = *1*, start date = *2000-01-01*, indent number = *1*.

  statistical indicator = *0*.

Transaction 14:

- Message 1: Insert a stable base regulation with regulation id = *R0801010*, regulation role type = *1*, start date = *2008-01-01*, community code = *1*, regulation group id = *SRG*, approved flag = *1*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Status ok.

Reply to transaction 2: Status ok.

Reply to transaction 3: Status ok.

Reply to transaction 4: Status ok.

Reply to transaction 5: Status ok.

Reply to transaction 6: Status ok.

Reply to transaction 7: Status ok.

Reply to transaction 8: Status ok.

Reply to transaction 9: Status ok.

Reply to transaction 10: Status ok.

Reply to transaction 11: Status ok.

Reply to transaction 12: Status ok.

Reply to transaction 13: Status ok.

Reply to transaction 14: Status ok.

2.2.2.   Test case dm_ref_mua_insert: Insert of meursing additional code

Message: **dm_ref_mua_insert_01.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_meursing_additional_code_setup.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable meursing table plan with meursing table plan id = *01*:

    o heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-02-01*:

        ▪ description 1: language id = *EN*, description = *English description*.

        ▪ description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2009-01-01*, description = *subheading*.

- associated footnote 1: footnote type id = *ACI*, footnote id = *01500*, start date = *2007-01-01*.

- associated footnote 2: footnote type id = *ACI*, footnote id = *01600*, start date = *2007-01-01*.

o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-02-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2009-01-01*, description = *subheading*.

o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-02-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2009-01-01*, description = *subheading*.

o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-02-01*:

- description 1: language id = *EN*,

description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2009-01-01*, description = *subheading*.

- Message 2: Insert an unstable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, end date = *2009-02-01*:

    o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

    o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

    o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

    o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 2:

- Message 1: Request the meursing additional code with query space field = *MEURSING ADDITIONAL CODE.MEURSING ADDITIONAL CODE REF.LOGICAL KEY.Meursing additional code id*, operator = =, constant = *111*.

Transaction 3:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, end date = *2009-01-01*:

    o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

    o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

    o meursing table cell component 3: meursing table

plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 4:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *112*, start date = *2008-02-01*, meursing additional code sid = *04*, end date = *2009-02-01*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010ab*.

  - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010ab*, row column code = *1*, sequence number = *0010*.

  - o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  - o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 5:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *112*, start date = *2008-02-01*, meursing additional code sid = *05*, end date = *2007-12-01*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

  - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  - o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  - o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 6:

- Message 1: Insert an unstable meursing additional code

with meursing additional code id = *111*, start date = *2008-03-01*, meursing additional code sid = *07*, end date = *2009-05-01*:

- o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

- o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 8:

- • Message 1: Insert an unstable meursing additional code with meursing additional code id = *119*, start date = *2009-05-01*, meursing additional code sid = *08*, end date = *2009-02-01*:

- o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

- o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- • Message 1, on meursing.table.plan.ref : OK.

- • Message 2, on meursing.additional.code.ref : OK.

Reply to transaction 2:
- • Message 1 : OK.

Reply to transaction 3:

- Message 1, on meursing.additional.code.ref : VR-ACM-1: The combination of additional code + start date must be unique in the universe of the stable and unstable data.

Reply to transaction 4:

- Message 1, on sequence.number : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on meursing.heading.number : GEN-INVALID-FORMAT-ERROR: Invalid format.

Reply to transaction 5:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 6:

- Message 1, on meursing.additional.code.ref : VR-ACM-3: The validity period of the Meursing additional code must not overlap any other meursing additional code with the same additional code.

Reply to transaction 8:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Message: **dm_ref_mua_insert_02.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_meursing_additional_code_setup.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable meursing table plan with meursing table plan id = *01*, start date = *2008-02-01*:

  o heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-02-01*:

    ▪ description 1: language id = *EN*, description = *English description*.

    ▪ description 2: language id = *FR*, description = *French description*.

    ▪ description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

- associated footnote 1: footnote type id = *ACG*, footnote id = *00800*, start date = *2008-02-01*.

- associated footnote 2: footnote type id = *ACG*, footnote id = *00900*, start date = *2008-02-01*.

- o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-02-01*:

  - description 1: language id = *EN*, description = *English description*.

  - description 2: language id = *FR*, description = *French description*.

  - description 3: language id = *NL*, description = *Dutch description*.

  - subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

- o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-02-01*:

  - description 1: language id = *EN*, description = *English description*.

  - description 2: language id = *FR*, description = *French description*.

  - description 3: language id = *NL*, description = *Dutch description*.

  - subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

- o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-02-01*:

  - description 1: language id = *EN*, description = *English description*.

  - description 2: language id = *FR*,

description = *French description*.

- ▪ description 3: language id = *NL*, description = *Dutch description*.

- ▪ subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

- Message 2: Insert a stable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, end date = *2009-02-01*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

  - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

  - o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

  - o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

Transaction 2:

- Message 1: Request the meursing additional code with query space field = *MEURSING ADDITIONAL CODE.MEURSING ADDITIONAL CODE REF.LOGICAL KEY.Meursing additional code id*, operator = =, constant = *111*.

Transaction 3:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, end date = *2009-02-01*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

  - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*,

start date = *2008-02-01*, end date = *2009-02-01*.

- o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

Transaction 4:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *112*, start date = *2008-02-01*, meursing additional code sid = *04*, end date = *2009-02-01*:

    - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010ab*, start date = *2008-02-01*.

    - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010ab*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*.

    - o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*.

    - o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*.

Transaction 5:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *112*, start date = *2008-02-01*, meursing additional code sid = *05*, end date = *2007-12-01*:

    - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-12-01*.

    - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-12-01*.

> o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-12-01*.
>
> o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-12-01*.

Transaction 7:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *111*, start date = *2008-03-01*, meursing additional code sid = *07*, end date = *2009-05-01*:

  > o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-03-01*, end date = *2009-05-01*.
  >
  > o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-03-01*, end date = *2009-05-01*.
  >
  > o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-03-01*, end date = *2009-05-01*.
  >
  > o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-03-01*, end date = *2009-05-01*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.table.plan.ref : OK.

- Message 2, on meursing.additional.code.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on meursing.additional.code.ref : VR-ACM-1: The combination of additional code + start date must be unique in the universe of the stable and unstable data.

Reply to transaction 4:

- Message 1, on sequence.number : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on meursing.heading.number : GEN-INVALID-FORMAT-ERROR: Invalid format.

Reply to transaction 5:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

Reply to transaction 7:

- Message 1, on meursing.additional.code.ref : VR-ACM-3: The validity period of the Meursing additional code

must not overlap any other meursing additional code
with the same additional code.

Message: **dm_ref_mua_insert_03.xml**

Precondition: Make sure the database is empty first. Then, load the testing
reference data in the system. For this purpose,
init_ref_meursing_additional_code_setup.xml message should be
successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable meursing table plan with
  meursing table plan id = *22*:

    o heading 1: meursing heading number = *010*, row
      column code = *0*, start date = *2008-01-01*:

        ▪ description 1: language id = *EN*,
          description = *English description*.

        ▪ description 2: language id = *FR*,
          description = *French description*.

        ▪ description 3: language id = *NL*,
          description = *Dutch description*.

        ▪ subheading 1: sequence number = *0010*,
          start date = *2008-01-01*, description =
          subheading.

        ▪ associated footnote 1: footnote type id =
          ACI, footnote id = *01500*, start date =
          2008-01-01.

        ▪ associated footnote 2: footnote type id =
          ACI, footnote id = *01600*, start date =
          2008-01-01.

    o heading 2: meursing heading number = *010*, row
      column code = *1*, start date = *2008-01-01*:

        ▪ description 1: language id = *EN*,
          description = *English description*.

        ▪ description 2: language id = *FR*,
          description = *French description*.

        ▪ description 3: language id = *NL*,

description = *Dutch description.*

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

Transaction 3:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *119*, start date = *2009-05-01*:

o meursing table cell component 1: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

o meursing table cell component 2: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

o meursing table cell component 3: meursing table

plan id = *22*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 4: meursing table plan id = *22*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

Transaction 4:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *119*, start date = *2008-02-01*, end date = *2009-01-01*:

  - o meursing table cell component 1: meursing table plan id = *22*, meursing heading number = *099*, row column code = *0*, sequence number = *0050*.

  - o meursing table cell component 2: meursing table plan id = *22*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  - o meursing table cell component 3: meursing table plan id = *22*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  - o meursing table cell component 4: meursing table plan id = *22*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Expected output:	The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.table.plan.ref : OK.

Reply to transaction 3:

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on row.column.code : VR-ACM-12: A Meursing table cell must at least contain a reference to a row subheading and a column subheading.

Reply to transaction 4:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-11: The referenced Meursing subheading must exist as a subheading.

Message: **dm_ref_mua_insert_04.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_meursing_additional_code_setup.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable meursing table plan with meursing table plan id = *22*:

    o heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-01-01*:

        ▪ description 1: language id = *EN*, description = *English description*.

        ▪ description 2: language id = *FR*, description = *French description*.

        ▪ description 3: language id = *NL*, description = *Dutch description*.

        ▪ subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

    o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-01-01*:

        ▪ description 1: language id = *EN*, description = *English description*.

        ▪ description 2: language id = *FR*, description = *French description*.

        ▪ description 3: language id = *NL*, description = *Dutch description*.

        ▪ subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

    o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-01-01*:

        ▪ description 1: language id = *EN*,

> description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

Transaction 2:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *111*, start date = *2008-01-01*, meursing additional code sid = *1*, end date = *2009-01-01*:

o meursing table cell component 1: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

o meursing table cell component 2: meursing table plan id = *22*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

o meursing table cell component 3: meursing table plan id = *22*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

o meursing table cell component 4: meursing table plan id = *22*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*,

start date = *2008-01-01*, end date = *2009-01-01*.

Transaction 3:

- Message 1: Update the stable meursing table plan with meursing table plan id = *22*, start date = *2008-01-01*:

    o heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*, description = *Dutch description*.

    - subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

    o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*, description = *Dutch description*.

    - subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

    o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*, description = *Dutch description*.

    - subheading 1: sequence number = *0010*, start date = *2008-01-01*, description =

subheading.

- o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-01-01*:

  - ▪ description 1: language id = *EN*, description = *English description*.

  - ▪ description 2: language id = *FR*, description = *French description*.

  - ▪ description 3: language id = *NL*, description = *Dutch description*.

  - ▪ subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

Transaction 4:

- • Message 1: Insert a stable meursing additional code with meursing additional code id = *111*, meursing additional code sid = *2*:

  - o meursing table cell component 1: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 2: meursing table plan id = *22*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 3: meursing table plan id = *22*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 4: meursing table plan id = *22*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

Transaction 5:

- • Message 1: Insert a stable meursing additional code with meursing additional code id = *111*, start date = *2008-01-01*, meursing additional code sid = *4*, end date = *2010-01-01*:

  - o meursing table cell component 1: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2007-01-01*, end date = *2009-01-01*.

- o meursing table cell component 2: meursing table plan id = *22*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2007-01-01*, end date = *2009-01-01*.

- o meursing table cell component 3: meursing table plan id = *22*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2007-01-01*, end date = *2009-01-01*.

- o meursing table cell component 4: meursing table plan id = *22*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2007-01-01*, end date = *2009-01-01*.

Transaction 6:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *119*, start date = *2008-01-01*, meursing additional code sid = *6*:

  - o meursing table cell component 1: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 2: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 3: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 4: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

Transaction 7:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *119*, start date = *2008-01-01*, meursing additional code sid = *7*:

  - o meursing table cell component 1: meursing table plan id = *22*, meursing heading number = *099*, row column code = *0*, sequence number = *0050*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 2: meursing table plan id = *22*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*,

start date = *2008-01-01*, end date = *2009-01-01*.

- o meursing table cell component 3: meursing table plan id = *22*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

- o meursing table cell component 4: meursing table plan id = *22*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

Transaction 8:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *119*, start date = *2008-01-01*, meursing additional code sid = *7*:

  - o meursing table cell component 1: meursing table plan id = *22*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 2: meursing table plan id = *22*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-01-01*.

  - o meursing table cell component 3: meursing table plan id = *22*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2010-01-01*.

  - o meursing table cell component 4: meursing table plan id = *22*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-01-01*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.table.plan.ref : OK.

Reply to transaction 2:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

Reply to transaction 3:

- Message 1, on meursing.table.plan.ref : OK.

Reply to transaction 4:

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

Reply to transaction 5:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the

additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-10: The validity period of the Meursing table cell component must be enclosed by the subheading validity period.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-10: The validity period of the Meursing table cell component must be enclosed by the subheading validity period.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-10: The validity period of the Meursing table cell component must be enclosed by the subheading validity period.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-10: The validity period of the Meursing table cell component must be enclosed by the subheading validity period.

Reply to transaction 6:

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on start.date : VR-ACM-15: The validity period of the meursing table cell component cannot overlap the validity period of another meursing table cell

component with the same meursing subheading reference.

- Message 1, on start.date : VR-ACM-15: The validity period of the meursing table cell component cannot overlap the validity period of another meursing table cell component with the same meursing subheading reference.

- Message 1, on start.date : VR-ACM-15: The validity period of the meursing table cell component cannot overlap the validity period of another meursing table cell component with the same meursing subheading reference.

- Message 1, on row.column.code : VR-ACM-12: A Meursing table cell must at least contain a reference to a row subheading and a column subheading.

Reply to transaction 7:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-11: The referenced Meursing subheading must exist as a subheading.

Reply to transaction 8:

- Message 1, on start.date : VR-ACM-15: The validity period of the meursing table cell component cannot overlap the validity period of another meursing table cell component with the same meursing subheading reference.

2.2.3. Test case dm_ref_mua_update: Update of a meursing additional code

Message: **dm_ref_mua_update_setup_01.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_meursing_additional_code_setup.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable meursing table plan with meursing table plan id = *01*, start date = *2008-01-01*:

  o heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*,

description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

Transaction 2:

- Message 1: Insert a stable meursing table plan with meursing table plan id = *02*, start date = *2008-01-01*:

  - heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*, description = *Dutch description*.

    - subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

  - heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*, description = *Dutch description*.

    - subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

  - heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*,

description = *Dutch description.*

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-01-01*, description = *subheading*.

Transaction 3:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *111*, start date = *2008-01-01*, meursing additional code sid = *01*, end date = *2009-01-01*:

    o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *10*.

    o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-07-01*, meursing table cell component sid = *11*.

    o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-01-01*, meursing table cell component sid = *12*.

    o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-07-01*, meursing table cell component sid = *13*.

Transaction 4:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *111*, start date = *2009-11-01*, meursing additional code sid = *02*, end date = *2010-01-01*:

    o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *14*.

    o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *15*.

    o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *16*.

    o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *17*.

Transaction 5:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *112*, start date = *2008-02-01*, meursing additional code sid = *03*:

    o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *18*.

    o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *19*.

    o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *20*.

    o meursing table cell component 4: meursing table

plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *21*.

Transaction 6:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *113*, start date = *2008-02-01*, meursing additional code sid = *04*:

  o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, meursing table cell component sid = *22*.

  o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, meursing table cell component sid = *23*.

  o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, meursing table cell component sid = *24*.

  o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, meursing table cell component sid = *25*.

Transaction 07:

- Message 1: Insert an unstable measure with measure type id = *001000*, geographical area id = *IT*, start date = *2008-02-01*, additional code type id = *A*, additional code id = *113*, start date = *2008-02-01*, reduction indicator = *1*, start date = *2008-02-01*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 8:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *115*, start date = *2008-02-01*, meursing additional code sid = *06*, end date = *2009-01-01*:

  o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, meursing table cell component sid = *26*.

  o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, meursing table cell component sid = *27*.

- o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, meursing table cell component sid = *28*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, meursing table cell component sid = *29*.

Transaction 9:

- Message 1: Insert a stable meursing additional code with meursing additional code id = *116*, start date = *2008-02-01*, meursing additional code sid = *08*, end date = *2009-01-01*:

    - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *30*, end date = *2009-01-01*.

    - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *31*, end date = *2009-01-01*.

    - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *32*, end date = *2009-01-01*.

    - o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *33*, end date = *2009-01-01*.

Transaction 10:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *115*, start date = *2009-11-01*, meursing additional code sid = *07*, end date = *2010-01-01*:

    - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *34*, end date = *2010-01-01*.

    - o meursing table cell component 2: meursing table

plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *35*, end date = *2010-01-01*.

- o   meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *36*, end date = *2010-01-01*.

- o   meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *37*, end date = *2010-01-01*.

Transaction 11:

- • Message 1: Insert a stable meursing additional code with meursing additional code id = *116*, start date = *2009-11-01*, meursing additional code sid = *09*, end date = *2010-01-01*:

  - o   meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *38*, end date = *2010-01-01*.

  - o   meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *39*, end date = *2010-01-01*.

  - o   meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *40*, end date = *2010-01-01*.

  - o   meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *41*, end date = *2010-01-01*.

Transaction 12:

- • Message 1: Insert a stable meursing additional code with meursing additional code id = *117*, start date = *2008-02-01*, meursing additional code sid = *10*:

  - o   meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*,

row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *50*.

- o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *51*.

- o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *52*.

- o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *53*.

Transaction 13:

- Message 1: Insert a stable measure with measure type id = *001000*, geographical area id = *IT*, start date = *2008-02-01*, additional code type id = *A*, additional code id = *117*, start date = *2008-02-01*, start date = *2008-02-01*, regulation id = *R0801010*, regulation role type = *1*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Status ok.

Reply to transaction 2: Status ok.

Reply to transaction 3: Status ok.

Reply to transaction 4: Status ok.

Reply to transaction 5: Status ok.

Reply to transaction 6: Status ok.

Reply to transaction 7: Status ok.

Reply to transaction 8: Status ok.

Reply to transaction 9: Status ok.

Reply to transaction 10: Status ok.

Reply to transaction 11: Status ok.

Reply to transaction 12: Status ok.

Reply to transaction 13: Status ok.

Message: **dm_ref_mua_update_01.xml**

Precondition: Make sure the *dm_ref_mua_update_setup_01.xml* message has been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, meursing additional code sid = *01*, end date = *2009-02-01*:

  - meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

  - meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  - meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  - meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

- Message 2: Update the unstable meursing table plan with meursing table plan id = *01*:

  - heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-02-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*, description = *Dutch description*.

    - subheading 1: sequence number = *0010*, start date = *2009-01-01*, description =

subheading.

- associated footnote 1: footnote type id = *ACI*, footnote id = *01500*, start date = *2007-01-01*.

- associated footnote 2: footnote type id = *ACI*, footnote id = *01600*, start date = *2007-01-01*.

o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-02-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2009-01-01*, description = *subheading*.

o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-02-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2009-01-01*, description = *subheading*.

o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-02-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*,

description = *Dutch description.*

- subheading 1: sequence number = *0010*, start date = *2009-01-01*, description = *subheading*.

Transaction 2:

- Message 1: Request the meursing additional code with query space field = *MEURSING ADDITIONAL CODE.MEURSING ADDITIONAL CODE REF.Meursing additional code sid*, operator = =, constant = *01*.

Transaction 3:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *444*, start date = *2008-02-01*, meursing additional code sid = *11*, end date = *2009-02-01*:

  - meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

  - meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  - meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  - meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 4:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, meursing additional code sid = *01*, end date = *2007-02-01*:

  - meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

  - meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  - meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 5:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *116*, start date = *2008-02-01*, meursing additional code sid = *08*, end date = *2009-02-01*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

  - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  - o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  - o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 6:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, meursing additional code sid = *01*, end date = *2009-12-05*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

  - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  - o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  - o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 7:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *113*, start date = *2008-02-01*, meursing additional code sid = *04*, end date = *2008-05-01*:

o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.additional.code.ref : OK.

- Message 2, on meursing.table.plan.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on meursing.additional.code.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 4:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 5:

- Message 1, on meursing.additional.code.ref : VR-VI-11: The publication status of data can only be unstable if the information is new in the system or the previous version of the information also has publication status unstable.

Reply to transaction 6:

- Message 1, on meursing.additional.code.ref : OK.

Reply to transaction 7:

- Message 1, on meursing.additional.code.ref : OK.

Message: **dm_ref_mua_update_02.xml**

Precondition: Make sure the *dm_ref_mua_update_setup_01.xml* message has

been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, meursing additional code sid = *01*, end date = *2009-02-01*:

    o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

    o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

    o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

    o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

Transaction 2:

- Message 1: Request the meursing additional code with query space field = *MEURSING ADDITIONAL CODE.MEURSING ADDITIONAL CODE REF.Meursing additional code sid*, operator = *=*, constant = *01*.

Transaction 3:

- Message 1: Update the stable meursing additional code with meursing additional code id = *444*, start date = *2008-02-01*, meursing additional code sid = *11*:

    o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*.

    o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*.

    o meursing table cell component 3: meursing table

plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*.

- o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*.

Transaction 4:

- Message 1: Update the stable meursing additional code with meursing additional code id = *115*, start date = *2008-02-01*, meursing additional code sid = *04*, end date = *2007-02-01*:

  - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-02-01*.

  - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-02-01*.

  - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-02-01*.

  - o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-02-01*.

Transaction 5:

- Message 1: Update the stable meursing additional code with meursing additional code id = *115*, start date = *2008-02-01*, meursing additional code sid = *06*, end date = *2009-12-05*:

  - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-12-05*.

  - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-12-05*.

  - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*,

start date = *2008-02-01*, end date = *2009-12-05*.

- o   meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-12-05*.

Transaction 6:

- • Message 1: Update the stable meursing additional code with meursing additional code id = *113*, start date = *2008-02-01*, meursing additional code sid = *04*, end date = *2008-05-01*:

  - o   meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2008-05-01*.

  - o   meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2008-05-01*.

  - o   meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2008-05-01*.

  - o   meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2008-05-01*.

Expected output:	The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- • Message 1, on meursing.additional.code.ref : OK.

Reply to transaction 2:

- • Message 1 : OK.

Reply to transaction 3:

- • Message 1, on meursing.additional.code.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 4:

- • Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- • Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The

absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

Reply to transaction 5:

- Message 1, on meursing.additional.code.ref : VR-ACM-3: The validity period of the Meursing additional code must not overlap any other meursing additional code with the same additional code.

Reply to transaction 6:

- Message 1, on meursing.additional.code.ref : OK.

Message: **dm_ref_mua_update_03.xml**

Precondition: Make sure the *dm_ref_mua_update_setup_01.xml* message has been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2008-02-01*, meursing additional code sid = *08*, end date = *2009-02-01*:

  - meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

  - meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

  - meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

  - meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2009-02-01*.

Transaction 2:

- Message 1: Request the meursing additional code with query space field = *MEURSING ADDITIONAL CODE.MEURSING ADDITIONAL CODE REF.Meursing additional code sid*, operator = *=*, constant = *08*.

Transaction 3:

- Message 1: Update the stable meursing additional code with meursing additional code id = *444*, start date = *2008-02-01*, meursing additional code sid = *11*:

  - meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*.

  - meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*.

  - meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*,

start date = *2008-02-01*.

- o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*.

Transaction 4:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2008-02-01*, meursing additional code sid = *04*, end date = *2007-02-01*:

  - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-02-01*.

  - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-02-01*.

  - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-02-01*.

  - o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2007-02-01*.

Transaction 5:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2008-02-01*, meursing additional code sid = *09*, end date = *2011-01-01*:

  - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2011-01-01*.

  - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2011-01-01*.

  - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2011-01-01*.

    o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2011-01-01*.

Transaction 6:

- Message 1: Update the stable meursing additional code with meursing additional code id = *117*, start date = *2008-02-01*, meursing additional code sid = *10*, end date = *2008-05-01*:

    o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2008-05-01*.

    o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2008-05-01*.

    o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2008-05-01*.

    o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2008-05-01*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.additional.code.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on meursing.additional.code.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 4:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

Reply to transaction 5:

- Message 1, on meursing.additional.code.ref : VR-ACM-3: The validity period of the Meursing additional code must not overlap any other meursing additional code with the same additional code.

Reply to transaction 6:

- Message 1, on meursing.additional.code.ref : VR-ACM-14: The Validity Period of the meursing additional code must span the validity period of the measure where it is referenced.

Message: **dm_ref_mua_update_04.xml**

Precondition: Make sure the *dm_ref_mua_update_setup_01.xml* message has

been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *111*, start date = *2008-01-01*, meursing additional code sid = *01*:

    o meursing table cell component 1: meursing table plan id = *07*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *70*.

    o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-07-01*, meursing table cell component sid = *11*.

    o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-01-01*, meursing table cell component sid = *12*.

    o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-07-01*, meursing table cell component sid = *13*.

Transaction 2:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *177*, start date = *2008-01-01*, meursing additional code sid = *01*:

    o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *10*.

    o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-07-01*, meursing table cell component sid = *11*.

    o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*,

start date = *2009-01-01*, meursing table cell component sid = *12*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-07-01*, meursing table cell component sid = *13*.

Transaction 3:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *111*, start date = *2008-01-01*, meursing additional code sid = *01*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *10*.

  - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *11*.

  - o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-01-01*, meursing table cell component sid = *12*.

  - o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-07-01*, meursing table cell component sid = *13*.

Transaction 4:

- Message 1: Update the unstable meursing additional code with meursing additional code id = *111*, start date = *2008-01-01*, meursing additional code sid = *01*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *10*.

  - o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-07-01*, meursing table cell

component sid = *11*.

o   meursing table cell component 3: meursing table
     plan id = *01*, meursing heading number = *020*,
     row column code = *0*, sequence number = *0010*,
     start date = *2009-01-01*, meursing table cell
     component sid = *12*.

o   meursing table cell component 4: meursing table
     plan id = *01*, meursing heading number = *020*,
     row column code = *1*, sequence number = *0010*,
     start date = *2009-07-01*, meursing table cell
     component sid = *13*.

Transaction 5:

- Message 1: Update the unstable meursing additional
  code with meursing additional code id = *111*, start date =
  2008-01-01, meursing additional code sid = *01*:

  o   meursing table cell component 1: meursing table
       plan id = *01*, meursing heading number = *099*,
       row column code = *0*, sequence number = *0050*,
       start date = *2008-01-01*, meursing table cell
       component sid = *10*.

  o   meursing table cell component 2: meursing table
       plan id = *01*, meursing heading number = *010*,
       row column code = *1*, sequence number = *0010*,
       start date = *2008-07-01*, meursing table cell
       component sid = *11*.

  o   meursing table cell component 3: meursing table
       plan id = *01*, meursing heading number = *020*,
       row column code = *0*, sequence number = *0010*,
       start date = *2009-01-01*, meursing table cell
       component sid = *12*.

  o   meursing table cell component 4: meursing table
       plan id = *01*, meursing heading number = *020*,
       row column code = *1*, sequence number = *0010*,
       start date = *2009-07-01*, meursing table cell
       component sid = *13*.

Transaction 6:

- Message 1: Update the unstable meursing additional
  code with meursing additional code id = *111*, start date =
  2008-01-01, meursing additional code sid = *01*:

  o   meursing table cell component 1: meursing table
       plan id = *01*, meursing heading number = *010*,
       row column code = *0*, sequence number = *0010*,
       start date = *2008-01-01*, meursing table cell
       component sid = *10*.

o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-07-01*, meursing table cell component sid = *11*.

o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-01-01*, meursing table cell component sid = *12*.

o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-07-01*, meursing table cell component sid = *13*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-11: The referenced Meursing subheading must exist as a subheading.

Reply to transaction 2:
- Message 1, on meursing.additional.code.ref : VR-ACM-5: The Meursing additional code reference cannot be changed.

Reply to transaction 3:
- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 4:
- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 5:
- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 6:
- Message 1, on row.column.code : VR-ACM-12: A

Meursing table cell must at least contain a reference to a row subheading and a column subheading.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Message: **dm_ref_mua_update_05.xml**

Precondition: Make sure the *dm_ref_mua_update_setup_01.xml* message has been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable meursing additional code with meursing additional code id = *111*, start date = *2008-01-01*, meursing additional code sid = *01*, end date = *2009-02-01*:

    o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *10*, end date = *2009-02-01*.

    o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *11*, end date = *2009-02-01*.

    o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *12*, end date = *2009-02-01*.

    o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *13*, end date = *2009-02-01*.

Transaction 2:

- Message 1: Update the stable meursing additional code with meursing additional code id = *111*, meursing

additional code sid = *01*:

- o   meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-02-01*.

- o   meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-02-01*.

- o   meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-02-01*.

- o   meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-02-01*.

Transaction 3:

- • Message 1: Update the stable meursing additional code with meursing additional code id = *177*, start date = *2008-01-01*, meursing additional code sid = *01*, end date = *2009-02-01*:

- o   meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-02-01*.

- o   meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-02-01*.

- o   meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-02-01*.

- o   meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, end date = *2009-02-01*.

Transaction 4:

- • Message 1: Update the stable meursing additional code with meursing additional code id = *111*, start date = *2008-01-01*, meursing additional code sid = *01*, end date = *2009-02-01*:

- o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

- o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 5:

- Message 1: Update the stable meursing additional code with meursing additional code id = *113*, start date = *2008-02-01*, meursing additional code sid = *04*, end date = *2009-02-01*:

  - o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *22*, end date = *2009-02-01*.

  - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *23*, end date = *2009-02-01*.

  - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *24*, end date = *2009-02-01*.

  - o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *25*, end date = *2009-02-01*.

Transaction 6:

- Message 1: Update the stable meursing additional code with meursing additional code id = *113*, start date = *2008-02-01*, meursing additional code sid = *04*:

  - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*,

row column code = *0*, sequence number = *0010*, start date = *2007-01-01*, meursing table cell component sid = *22*.

- o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2007-01-01*, meursing table cell component sid = *23*.

- o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2007-02-01*, meursing table cell component sid = *24*.

- o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2007-02-01*, meursing table cell component sid = *25*.

Transaction 7:

- • Message 1: Update the stable meursing additional code with meursing additional code id = *113*, start date = *2008-02-01*, meursing additional code sid = *04*:

- o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *099*, row column code = *0*, sequence number = *0050*, start date = *2008-02-01*, meursing table cell component sid = *22*.

- o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *23*.

- o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *24*.

- o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *25*.

Transaction 8:

- • Message 1: Update the stable meursing additional code with meursing additional code id = *113*, start date =

2008-02-01, meursing additional code sid = *04*:

- o   meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *22*.

- o   meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *23*.

- o   meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *24*.

- o   meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, meursing table cell component sid = *25*.

Transaction 9:

- •   Message 1: Update the stable meursing additional code with meursing additional code id = *113*, start date = *2008-01-01*, meursing additional code sid = *04*:

  - o   meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *22*.

  - o   meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *23*.

  - o   meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-01-01*, meursing table cell component sid = *24*, end date = *2010-01-01*.

  - o   meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-01-01*, meursing table cell

component sid = *25*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 2:

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

Reply to transaction 3:

- Message 1, on meursing.additional.code.ref : VR-ACM-5: The Meursing additional code reference cannot be changed.

Reply to transaction 4:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing

table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

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- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

Reply to transaction 5:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 6:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

- Message 1, on meursing.table.cell.component.ref : VR-

ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 7:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 8:

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on row.column.code : VR-ACM-12: A Meursing table cell must at least contain a reference to a row subheading and a column subheading.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 9:

- Message 1, on start.date : VR-ACM-15: The validity period of the meursing table cell component cannot overlap the validity period of another meursing table cell component with the same meursing subheading reference.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Message: **dm_ref_mua_update_06.xml**

Precondition: Make sure the *dm_ref_mua_update_setup_01.xml* message has been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable meursing additional code

with meursing additional code id = *116*, start date = *2009-11-01*, meursing additional code sid = *09*, end date = *2010-01-01*:

- o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, end date = *2010-01-01*.

- o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, end date = *2010-01-01*.

- o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, end date = *2010-01-01*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, end date = *2010-01-01*.

Transaction 2:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, meursing additional code sid = *09*:

  - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *38*.

  - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *39*.

  - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *40*.

  - o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *41*.

Transaction 3:

- Message 1: Update the stable meursing additional code with meursing additional code id = *766*, start date = *2009-11-01*, meursing additional code sid = *09*, end date = *2010-01-01*:

  o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *38*, end date = *2010-01-01*.

  o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *39*, end date = *2010-01-01*.

  o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *40*, end date = *2010-01-01*.

  o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *41*, end date = *2010-01-01*.

Transaction 4:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2009-11-01*, meursing additional code sid = *09*, end date = *2010-01-01*:

  o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2006-01-01*, meursing table cell component sid = *38*.

  o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2006-01-01*, meursing table cell component sid = *39*.

  o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2006-01-01*, meursing table cell component sid = *40*.

o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2006-01-01*, meursing table cell component sid = *41*, end date = *2010-01-01*.

Transaction 5:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2009-11-01*, meursing additional code sid = *09*, end date = *2010-01-01*:

  o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, meursing table cell component sid = *38*.

  o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, meursing table cell component sid = *39*.

  o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, meursing table cell component sid = *40*.

  o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, meursing table cell component sid = *41*.

Transaction 6:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2009-11-01*, meursing additional code sid = *09*, end date = *2010-01-01*:

  o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *38*, end date = *2010-01-01*.

  o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *39*, end date = *2010-01-01*.

  o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*,

start date = *2009-11-01*, meursing table cell component sid = *40*, end date = *2010-01-01*.

- o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *41*, end date = *2010-01-01*.

Transaction 7:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2009-11-01*, meursing additional code sid = *09*, end date = *2010-01-01*:

    - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *099*, row column code = *0*, sequence number = *0050*, start date = *2009-11-01*, meursing table cell component sid = *38*, end date = *2010-01-01*.

    - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *39*, end date = *2010-01-01*.

    - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *40*, end date = *2010-01-01*.

    - o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *41*, end date = *2010-01-01*.

Transaction 8:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2009-11-01*, meursing additional code sid = *09*, end date = *2010-01-01*:

    - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *38*, end date = *2010-01-01*.

    - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*,

start date = *2009-11-01*, meursing table cell component sid = *39*, end date = *2010-01-01*.

- o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *40*, end date = *2010-01-01*.

- o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *41*, end date = *2010-01-01*.

Transaction 9:

- Message 1: Update the stable meursing additional code with meursing additional code id = *116*, start date = *2009-11-01*, meursing additional code sid = *09*:

    - o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *38*, end date = *2011-01-01*.

    - o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2010-01-01*, meursing table cell component sid = *39*.

    - o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *40*, end date = *2010-01-01*.

    - o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2009-11-01*, meursing table cell component sid = *41*, end date = *2010-01-01*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-4: Meursing subheadings referenced by Meursing table cell components must be stable when the Meursing additional code is stable.

Reply to transaction 2:

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

Reply to transaction 3:

- Message 1, on meursing.additional.code.ref : VR-ACM-5: The Meursing additional code reference cannot be changed.

Reply to transaction 4:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing

table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the

component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-10: The validity period of the Meursing table cell component must be enclosed by the subheading validity period.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-10: The validity period of the Meursing table cell component must be enclosed by the subheading validity period.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-10: The validity period of the Meursing table cell component must be enclosed by the subheading validity period.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-10: The validity period of the Meursing table cell component must be enclosed by the subheading validity period.

Reply to transaction 5:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing

table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code

must span the validity period of the component.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-6: When an additional code is used in a Meursing table cell component then the validity period of the additional code must span the validity period of the component.

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

Reply to transaction 6:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 7:

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 8:

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on logical.key : VR-ACM-9: The combination of Meursing subheading reference and start date must be unique in the universe of the stable and unstable data.

- Message 1, on start.date : VR-ACM-15: The validity period of the meursing table cell component cannot overlap the validity period of another meursing table cell component with the same meursing subheading

reference.

- Message 1, on start.date : VR-ACM-15: The validity period of the meursing table cell component cannot overlap the validity period of another meursing table cell component with the same meursing subheading reference.

- Message 1, on row.column.code : VR-ACM-12: A Meursing table cell must at least contain a reference to a row subheading and a column subheading.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

Reply to transaction 9:

- Message 1, on start.date : VR-ACM-15: The validity period of the meursing table cell component cannot overlap the validity period of another meursing table cell component with the same meursing subheading reference.

- Message 1, on meursing.table.cell.component.ref : VR-ACM-13: The Meursing subheading reference cannot be changed.

2.2.4. Test case dm_ref_mua_delete: Deletion of a meursing additional code

Message: **dm_ref_mua_delete_setup_01.xml**

Precondition: Make sure the database is empty first. Then, load the testing reference data in the system. For this purpose, *init_ref_meursing_additional_code_setup.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable meursing table plan with meursing table plan id = *01*:

  o heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-02-01*:

    ▪ description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-02-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-02-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*, description = *Dutch description*.

- subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-02-01*:

- description 1: language id = *EN*, description = *English description*.

- description 2: language id = *FR*, description = *French description*.

- description 3: language id = *NL*,

description = *Dutch description.*

- subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

- Message 2: Insert an unstable meursing additional code with meursing additional code id = *111*, start date = *2008-02-01*, meursing additional code sid = *01*, end date = *2020-01-01*:

  o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

  o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 2:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *112*, start date = *2008-02-01*, meursing additional code sid = *02*, end date = *2020-01-01*:

  o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

  o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

  o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

  o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

Transaction 3:

- Message 1: Insert an unstable meursing additional code with meursing additional code id = *113*, start date = *2008-02-01*, meursing additional code sid = *03*:

- o meursing table cell component 1: meursing table plan id = *01*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 2: meursing table plan id = *01*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*.

- o meursing table cell component 3: meursing table plan id = *01*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*.

- o meursing table cell component 4: meursing table plan id = *01*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*.

- Message 2: Update the unstable meursing table plan with meursing table plan id = *01*:

  - o heading 1: meursing heading number = *010*, row column code = *0*, start date = *2008-02-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*, description = *Dutch description*.

    - subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

    - associated footnote 1: footnote type id = *ACI*, footnote id = *01500*, start date = *2008-02-01*.

    - associated footnote 2: footnote type id = *ACI*, footnote id = *01600*, start date = *2008-02-01*.

  - o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-02-01*:

    - description 1: language id = *EN*, description = *English description*.

    - description 2: language id = *FR*, description = *French description*.

    - description 3: language id = *NL*,

description = *Dutch description*.

- subheading 1: sequence number = *0010*,
  start date = *2008-02-01*, description =
  subheading.

o heading 3: meursing heading number = *020*, row
column code = *0*, start date = *2008-02-01*:

- description 1: language id = *EN*,
  description = *English description*.

- description 2: language id = *FR*,
  description = *French description*.

- description 3: language id = *NL*,
  description = *Dutch description*.

- subheading 1: sequence number = *0010*,
  start date = *2008-02-01*, description =
  subheading.

o heading 4: meursing heading number = *020*, row
column code = *1*, start date = *2008-02-01*:

- description 1: language id = *EN*,
  description = *English description*.

- description 2: language id = *FR*,
  description = *French description*.

- description 3: language id = *NL*,
  description = *Dutch description*.

- subheading 1: sequence number = *0010*,
  start date = *2008-02-01*, description =
  subheading.

Transaction 4:

- Message 1: Insert a stable meursing table plan with
  meursing table plan id = *02*, start date = *2008-02-01*:

  o heading 1: meursing heading number = *010*, row
  column code = *0*, start date = *2008-02-01*:

  - description 1: language id = *EN*,
    description = *English description*.

  - description 2: language id = *FR*,
    description = *French description*.

  - description 3: language id = *NL*,

description = *Dutch description*.

- ▪ subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

- o heading 2: meursing heading number = *010*, row column code = *1*, start date = *2008-02-01*:

  - ▪ description 1: language id = *EN*, description = *English description*.

  - ▪ description 2: language id = *FR*, description = *French description*.

  - ▪ description 3: language id = *NL*, description = *Dutch description*.

  - ▪ subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

- o heading 3: meursing heading number = *020*, row column code = *0*, start date = *2008-02-01*:

  - ▪ description 1: language id = *EN*, description = *English description*.

  - ▪ description 2: language id = *FR*, description = *French description*.

  - ▪ description 3: language id = *NL*, description = *Dutch description*.

  - ▪ subheading 1: sequence number = *0010*, start date = *2008-02-01*, description = *subheading*.

- o heading 4: meursing heading number = *020*, row column code = *1*, start date = *2008-02-01*:

  - ▪ description 1: language id = *EN*, description = *English description*.

  - ▪ description 2: language id = *FR*, description = *French description*.

  - ▪ description 3: language id = *NL*, description = *Dutch description*.

  - ▪ subheading 1: sequence number = *0010*,

start date = *2008-02-01*, description = *subheading*.

- Message 2: Insert a stable meursing additional code with meursing additional code id = *114*, start date = *2008-02-01*, meursing additional code sid = *04*:

    o meursing table cell component 1: meursing table plan id = *02*, meursing heading number = *010*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2020-01-01*.

    o meursing table cell component 2: meursing table plan id = *02*, meursing heading number = *010*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2020-01-01*.

    o meursing table cell component 3: meursing table plan id = *02*, meursing heading number = *020*, row column code = *0*, sequence number = *0010*, start date = *2008-02-01*, end date = *2020-01-01*.

    o meursing table cell component 4: meursing table plan id = *02*, meursing heading number = *020*, row column code = *1*, sequence number = *0010*, start date = *2008-02-01*, end date = *2020-01-01*.

Transaction 05:

- Message 1: Insert a stable measure with measure type id = *001000*, geographical area id = *IT*, start date = *2008-02-01*, additional code type id = *A*, additional code id = *114*, start date = *2008-02-01*, start date = *2008-02-01*, regulation id = *R0801010*, regulation role type = *1*.

Expected output: The message is composed of transactions replying to the original transactions:

Transaction 1: Status ok.

Transaction 2: Status ok.

Transaction 3: Status ok.

Transaction 4: Status ok.

Transaction 5: Status ok.

Message: **dm_ref_mua_delete_01.xml**

Precondition: Make sure the message dm_mua_delete_setup_01.xml has been correctly processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Delete the meursing additional code with meursing additional code sid = *01*.

Transaction 2:

- Message 1: Delete the meursing additional code with meursing additional code sid = *02*.

Transaction 3:

- Message 1: Request the meursing additional code with query space field = *MEURSING ADDITIONAL CODE.MEURSING ADDITIONAL CODE REF.Meursing additional code sid*, operator = =, constant = *01*.

- Message 2: Request the meursing additional code with query space field = *MEURSING ADDITIONAL CODE.MEURSING ADDITIONAL CODE REF.Meursing additional code sid*, operator = =, constant = *02*.

Transaction 4:

- Message 1: Delete the meursing additional code with meursing additional code sid = *01*.

Transaction 5:

- Message 1: Delete the meursing additional code with meursing additional code sid = *02*.

Transaction 6:

- Message 1: Delete the meursing additional code with meursing additional code sid = *03*.

Transaction 7:

- Message 1: Delete the meursing additional code with meursing additional code sid = *04*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on meursing.additional.code.sid : OK.

Reply to transaction 2:

- Message 1, on meursing.additional.code.sid : OK.

Reply to transaction 3:

- Message 1 : OK.

- Message 2 : OK.

Reply to transaction 4:

- Message 1, on meursing.additional.code.sid : VR-VI-3: Data to be deleted must exist.

Reply to transaction 5:

- Message 1, on meursing.additional.code.sid : VR-VI-3: Data to be deleted must exist.

Reply to transaction 6:

- Message 1, on meursing.additional.code.sid : OK.

Reply to transaction 7:

- Message 1, on meursing.additional.code.sid : VR-ACM-7: A meursing additional code cannot be deleted if it is used in a measure.

2.3. Monetary exchange

2.3.1. Test case init_ref_monetary_exchange.xml: Insertion of monetary exchange reference data

Message: **init_ref_monetary_exchange.xml**

Precondition: First, make sure the database is empty.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable language with language id = *EN*, start date = *2000-01-01*:

- Message 2: Insert a stable language with language id = *FR*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *English Description of fr*.

- Message 3: Insert a stable language with language id = *NL*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *English Description of nl*.

    o description 2: language id = *FR*, description = *Description francaise nl*.

Transaction 2:

- Message 1: Insert a stable monetary unit with monetary unit code = *EUR*, start date = *1970-01-01*:

    o description 1: language id = *EN*, description =

English Description.

- o description 2: language id = *FR*, description = *French Description*.

- o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 3:

- Message 1: Insert a stable monetary unit with monetary unit code = *AAA*, start date = *2008-01-01*, end date = *2008-12-31*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 4:

- Message 1: Insert a stable monetary unit with monetary unit code = *USD*, start date = *1970-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 5:

- Message 1: Insert an unstable monetary unit with monetary unit code = *UNS*, start date = *1970-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

__Expected output:__

The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Status ok.

Reply to transaction 2: Status ok.

Reply to transaction 3: Status ok.

Reply to transaction 4: Status ok.

Reply to transaction 5: Status ok.

2.3.2. Test case dm_mexr_insert: Insertion of a monetary exchange

Message: **dm_mexr_insert_01.xml**

Precondition: First, make sure the database is empty. Then, load the testing reference data in the system. For this purpose, *init_ref_monetary_exchange.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*.

Transaction 2:
- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =, constant = *1*.

Transaction 3:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*.

Transaction 4:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *US*, start date = *2009/01/01*, monetary exchange sid = *A*.

Transaction 5:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *USD*, start date = *2009-01-01*, monetary exchange sid = *2*, end date = *2008-04-01*.

Transaction 6:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *USD*, start date = *2009-01-01*, monetary exchange sid = *2*:

  - monetary exchange rate 1: monetary unit code = *EUR*, exchange rate = *-1*.

Transaction 7:
- Message 1: Insert an unstable monetary exchange with

monetary unit code = *AAA*, start date = *2007-01-01*, monetary exchange sid = *2*.

Transaction 8:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *USD*, start date = *2009-01-01*, monetary exchange sid = *2*:

  o monetary exchange rate 1: monetary unit code = *USD*, exchange rate = *00000001.5*.

Expected output:

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on monetary.exchange.ref : VR-MEXR-13: The combination of monetary unit and start date must be unique in the universe of the stable and unstable data.

Reply to transaction 4:

- Message 1, on monetary.unit.code : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on start.date : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on monetary.exchange.sid : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on stability.flag : ERROR: cvc-enumeration-valid, cvc-type.3.1.3.

Reply to transaction 5:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 6:

- Message 1, on exchange.rate : GEN-VALUE-LESS-THAN-LOWER-LIMIT-ERROR: Value is less than lower limit.

Reply to transaction 7:

- Message 1 : OK.

Reply to transaction 8:

- Message 1, on monetary.unit.code : VR-MEXR-12: A monetary unit cannot have an exchange rate defined for

the same monetary unit.

Message: **dm_mexr_insert_02.xml**

Precondition: First, make sure the database is empty. Then, load the testing
reference data in the system. For this purpose,
init_ref_monetary_exchange.xml message should be successfully
processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable monetary exchange with
  monetary unit code = *EUR*, start date = *2009-01-01*,
  monetary exchange sid = *1*.

Transaction 2:

- Message 1: Request the monetary exchange with query
  space field = *MONETARY EXCHANGE.MONETARY
  EXCHANGE REF.Monetary exchange sid*, operator = *=*,
  constant = *1*.

Transaction 3:

- Message 1: Insert a stable monetary exchange with
  monetary unit code = *EUR*, start date = *2009-01-01*,
  monetary exchange sid = *1*.

Transaction 4:

- Message 1: Insert a stable monetary exchange with
  monetary unit code = *US*, start date = *2009/01/01*,
  monetary exchange sid = *A*.

Transaction 5:

- Message 1: Insert a stable monetary exchange with
  monetary unit code = *USD*, start date = *2009-01-01*,
  monetary exchange sid = *2*, end date = *2008-04-01*.

Transaction 6:

- Message 1: Insert a stable monetary exchange with
  monetary unit code = *USD*, start date = *2009-01-01*,
  monetary exchange sid = *2*:

  o   monetary exchange rate 1: monetary unit code =
      USD, exchange rate = *-1*.

Transaction 7:

- Message 1: Insert a stable monetary exchange with
  monetary unit code = *AAA*, start date = *2007-01-01*,
  monetary exchange sid = *2*.

Transaction 8:

- Message 1: Insert a stable monetary exchange with monetary unit code = *USD*, start date = *2009-01-01*, monetary exchange sid = *2*:

  o monetary exchange rate 1: monetary unit code = *USD*, exchange rate = *00000001.5*.

Transaction 9:

- Message 1: Insert a stable monetary exchange with monetary unit code = *UNS*, start date = *2000-01-01*, monetary exchange sid = *2*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on monetary.exchange.ref : VR-MEXR-13: The combination of monetary unit and start date must be unique in the universe of the stable and unstable data.

Reply to transaction 4:

- Message 1, on monetary.unit.code : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on start.date : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on monetary.exchange.sid : GEN-INVALID-FORMAT-ERROR: Invalid format.

Reply to transaction 5:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 6:

- Message 1, on exchange.rate : GEN-VALUE-LESS-THAN-LOWER-LIMIT-ERROR: Value is less than lower limit.

Reply to transaction 7:

- Message 1, on monetary.exchange.ref : VR-MEXR-4: The monetary unit must span the validity period of the stable monetary exchange.

Reply to transaction 8:

- Message 1, on monetary.unit.code : VR-MEXR-12: A

monetary unit cannot have an exchange rate defined for the same monetary unit.

Reply to transaction 9:

- Message 1, on monetary.exchange.ref : VR-MEXR-2: The monetary unit must be stable when the monetary exchange is stable.

Message: **dm_mexr_insert_03.xml**

Precondition: First, make sure the database is empty. Then, load the testing reference data in the system. For this purpose, *init_ref_monetary_exchange.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *XXX*, start date = *2009-01-01*, monetary exchange sid = *1*.

Transaction 2:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*:

    o monetary exchange rate 1: monetary unit code = *COP*, exchange rate = *2999.01*.

Transaction 3:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*:

    o monetary exchange rate 1: monetary unit code = *USD*, exchange rate = *1.6*.

    o monetary exchange rate 2: monetary unit code = *USD*, exchange rate = *1.4*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on monetary.unit.code : VR-MEXR-1: The monetary unit must exist.

Reply to transaction 2:

- Message 1, on monetary.unit.code : VR-MEXR-1: The

monetary unit must exist.

Reply to transaction 3:

- Message 1, on monetary.unit.code : VR-MEXR-10: A monetary exchange can only have one rate per monetary unit.

Message: **dm_mexr_insert_04.xml**

Precondition: First, make sure the database is empty. Then, load the testing reference data in the system. For this purpose, *init_ref_monetary_exchange.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable monetary exchange with monetary unit code = *XXX*, start date = *2009-01-01*, monetary exchange sid = *2*.

Transaction 2:

- Message 1: Insert a stable monetary exchange with monetary unit code = *UNS*, start date = *2009-01-01*, monetary exchange sid = *3*.

Transaction 3:

- Message 1: Insert a stable monetary exchange with monetary unit code = *EUR*, monetary exchange sid = *4*.

Transaction 4:

- Message 1: Insert a stable monetary exchange with monetary unit code = *EUR*, start date = *2007-01-01*, monetary exchange sid = *5*, end date = *2010-01-01*.

Transaction 5:

- Message 1: Insert a stable monetary exchange with monetary unit code = *EUR*, start date = *2008-01-01*, monetary exchange sid = *6*, end date = *2015-01-01*.

Transaction 6:

- Message 1: Insert a stable monetary exchange with monetary unit code = *USD*, start date = *2009-01-01*, monetary exchange sid = *6*:

  o monetary exchange rate 1: monetary unit code = *UNS*, exchange rate = *1.4*.

Transaction 7:

- Message 1: Insert a stable monetary exchange with monetary unit code = *EUR*, start date = *2007-01-01*,

monetary exchange sid = *6*:

- o monetary exchange rate 1: monetary unit code = *COP*, exchange rate = *1900*.

Transaction 8:

- Message 1: Insert a stable monetary exchange with monetary unit code = *USD*, start date = *2009-01-01*, monetary exchange sid = *6*:

    - o monetary exchange rate 1: monetary unit code = *EUR*, exchange rate = *1.2*.

    - o monetary exchange rate 2: monetary unit code = *EUR*, exchange rate = *1.7*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on monetary.unit.code : VR-MEXR-1: The monetary unit must exist.

Reply to transaction 2:
- Message 1, on monetary.exchange.ref : VR-MEXR-2: The monetary unit must be stable when the monetary exchange is stable.

Reply to transaction 3:
- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

Reply to transaction 4:
- Message 1 : OK.

Reply to transaction 5:
- Message 1, on monetary.exchange.ref : VR-MEXR-3: The validity period of the monetary exchange must not overlap the validity period of any other stable monetary exchange with the same monetary unit.

Reply to transaction 6:
- Message 1, on monetary.exchange.rate.ref : VR-MEXR-9: The monetary unit must be stable when the monetary exchange rate is stable.

Reply to transaction 7:
- Message 1, on monetary.exchange.ref : VR-MEXR-13: The combination of monetary unit and start date must be unique in the universe of the stable and unstable data.

Reply to transaction 8:

- Message 1, on monetary.unit.code : VR-MEXR-10: A monetary exchange can only have one rate per monetary unit.

2.3.3. Test case dm_mexr_update: Update of a monetary exchange

Message: **dm_mexr_update_setup_01.xml**

Precondition: First, make sure the database is empty. Then, load the testing reference data in the system. For this purpose, *init_ref_monetary_exchange.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert a stable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*, end date = *2009-06-01*.

Transaction 2:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-07-01*, monetary exchange sid = *2*, end date = *2009-12-01*.

Transaction 3:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *AAA*, start date = *2008-07-01*, monetary exchange sid = *3*, end date = *2008-12-01*.

Transaction 4:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *AAA*, start date = *2008-01-01*, monetary exchange sid = *4*, end date = *2008-02-01*.

Transaction 5:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *UNS*, start date = *2000-01-01*, monetary exchange sid = *5*.

Transaction 6:
- Message 1: Insert an unstable monetary exchange with monetary unit code = *USD*, start date = *2000-01-01*, monetary exchange sid = *6*.

Transaction 7:
- Message 1: Insert a stable monetary exchange with monetary unit code = *EUR*, start date = *2000-01-01*, monetary exchange sid = *7*, end date = *2000-06-01*.

Expected   The message is composed of transactions replying to the original

output: transactions:

Reply to transaction 1: Status ok.

Reply to transaction 2: Status ok.

Reply to transaction 3: Status ok.

Reply to transaction 4: Status ok.

Reply to transaction 5: Status ok.

Reply to transaction 6: Status ok.

Reply to transaction 7: Status ok.

Message: **dm_mexr_update_01.xml**

Precondition: Make sure the *dm_mexr_update_setup_01.xml* message has been successfully processed.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-08-02*, monetary exchange sid = *2*, end date = *2009-12-31*.

Transaction 2:

- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =, constant = *2*.

Transaction 3:

- Message 1: Update the unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-07-01*, monetary exchange sid = *2*, end date = *2009-04-01*.

Transaction 4:

- Message 1: Update the unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-07-01*, monetary exchange sid = *4*:

  o monetary exchange rate 1: monetary unit code = *AAA*, exchange rate = *-1*.

Transaction 5:

- Message 1: Update the unstable monetary exchange with monetary unit code = *AAA*, start date = *1999-01-01*, monetary exchange sid = *4*.

Transaction 6:

- Message 1: Update the unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-08-01*, monetary exchange sid = *2*, end date = *2009-12-31*:

    o monetary exchange rate 1: monetary unit code = *EUR*, exchange rate = *10*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on t:start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 4:

- Message 1, on exchange.rate : GEN-VALUE-LESS-THAN-LOWER-LIMIT-ERROR: Value is less than lower limit.

Reply to transaction 5:

- Message 1 : OK.

Reply to transaction 6:

- Message 1, on t:monetary.unit.code : VR-MEXR-12: A monetary unit cannot have an exchange rate defined for the same monetary unit.

Message: **dm_mexr_update_02.xml**

Precondition: Make sure the *dm_mexr_update_setup_01.xml* message has been successfully processed.

Precondition: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-08-02*, monetary exchange sid = *2*, end date = *2009-12-31*.

Transaction 2:

- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =,

constant = *2*.

Transaction 3:

- Message 1: Update the stable monetary exchange with monetary unit code = *AAA*, start date = *2009-07-01*, monetary exchange sid = *3*, end date = *2009-04-01*.

Transaction 4:

- Message 1: Update the stable monetary exchange with monetary unit code = *AAA*, start date = *2009-07-01*, monetary exchange sid = *3*:

  o monetary exchange rate 1: monetary unit code = *USD*, exchange rate = *-1*.

Transaction 5:

- Message 1: Update the stable monetary exchange with monetary unit code = *AAA*, start date = *2009-07-01*, monetary exchange sid = *3*, end date = *2009-12-31*.

Transaction 6:

- Message 1: Update the stable monetary exchange with monetary unit code = *AAA*, start date = *2008-01-01*, monetary exchange sid = *3*, end date = *2008-12-31*:

  o monetary exchange rate 1: monetary unit code = *AAA*, exchange rate = *00000001.0*.

Transaction 7:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-08-02*, monetary exchange sid = *2*:

  o monetary exchange rate 1: monetary unit code = *UNS*, exchange rate = *1*.

Content: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 4:

- Message 1, on exchange.rate : GEN-VALUE-LESS-THAN-LOWER-LIMIT-ERROR: Value is less than

lower limit.

Reply to transaction 5:

- Message 1, on monetary.exchange.ref : VR-MEXR-4: The monetary unit must span the validity period of the stable monetary exchange.

Reply to transaction 6:

- Message 1, on monetary.unit.code : VR-MEXR-12: A monetary unit cannot have an exchange rate defined for the same monetary unit.

Reply to transaction 7:

- Message 1, on monetary.exchange.rate.ref : VR-MEXR-9: The monetary unit must be stable when the monetary exchange rate is stable.

Message: **dm_mexr_update_03.xml**

Precondition: Make sure the *dm_mexr_update_setup_01.xml* message has been successfully processed.

Precondition: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-02*, monetary exchange sid = *1*, end date = *2009-06-30*.

Transaction 2:

- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =, constant = *1*.

Transaction 3:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*, end date = *2007-04-01*.

Transaction 4:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*:

  o monetary exchange rate 1: monetary unit code = *USD*, exchange rate = *-1*.

Transaction 5:

- Message 1: Update the stable monetary exchange with monetary unit code = *AAA*, start date = *2009-01-01*,

monetary exchange sid = *3*, end date = *2009-06-30*.

Transaction 6:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-08-01*, monetary exchange sid = *2*, end date = *2009-12-31*:

    o monetary exchange rate 1: monetary unit code = *EUR*, exchange rate = *00000001.0*.

Transaction 7:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-02*, monetary exchange sid = *1*, end date = *2009-06-30*:

    o monetary exchange rate 1: monetary unit code = *UNS*, exchange rate = *1*.

Content: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on start.date : VR-PERIOD-1: Period end date must be greater than or equal to the start date. The absence of the end date indicates infinity into the future.

Reply to transaction 4:

- Message 1, on exchange.rate : GEN-VALUE-LESS-THAN-LOWER-LIMIT-ERROR: Value is less than lower limit.

Reply to transaction 5:

- Message 1, on monetary.exchange.ref : VR-MEXR-4: The monetary unit must span the validity period of the stable monetary exchange.

Reply to transaction 6:

- Message 1, on monetary.unit.code : VR-MEXR-12: A monetary unit cannot have an exchange rate defined for the same monetary unit.

Reply to transaction 7:

- Message 1, on monetary.exchange.rate.ref : VR-MEXR-9: The monetary unit must be stable when the monetary exchange rate is stable.

Message: **dm_mexr_update_04.xml**

Precondition: Make sure the *dm_mexr_update_setup_01.xml* message has been successfully processed.

Precondition: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the unstable monetary exchange with monetary unit code = *XXX*, start date = *2009-01-01*, monetary exchange sid = *20*.

Transaction 2:

- Message 1: Update the unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *2*:

    o monetary exchange rate 1: monetary unit code = *XXX*, exchange rate = *1.1*.

Transaction 3:

- Message 1: Update the unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-07-01*, monetary exchange sid = *1*, end date = *2009-12-01*.

Transaction 4:

- Message 1: Update the unstable monetary exchange with monetary unit code = *LLL*, start date = *2009-07-01*, monetary exchange sid = *2*, end date = *2009-12-01*.

Content: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on monetary.exchange.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 2:

- Message 1, on monetary.unit.code : VR-MEXR-1: The monetary unit must exist.

Reply to transaction 3:

- Message 1, on monetary.exchange.ref : VR-VI-11: The publication status of data can only be unstable if the information is new in the system or the previous version of the information also has publication status unstable.

Reply to transaction 4:

- Message 1, on monetary.unit.code : VR-MEXR-6: The monetary unit code cannot be updated.

Message: **dm_mexr_update_05.xml**

Precondition: Make sure the *dm_mexr_update_setup_01.xml* message has been successfully processed.

Precondition: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable monetary exchange with monetary unit code = *NNN*, start date = *2009-01-01*, monetary exchange sid = *20*.

Transaction 2:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-07-01*, monetary exchange sid = *2*, end date = *2009-12-01*:

  o monetary exchange rate 1: monetary unit code = *UNS*, exchange rate = *1.1*.

Transaction 3:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, monetary exchange sid = *2*.

Transaction 4:

- Message 1: Update the stable monetary exchange with monetary unit code = *COP*, start date = *2009-07-01*, monetary exchange sid = *2*, end date = *2009-12-01*.

Transaction 5:

- Message 1: Update the stable monetary exchange with monetary unit code = *UNS*, start date = *2000-01-01*, monetary exchange sid = *5*.

Transaction 6:

- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *2*.

Transaction 7:

- Message 1: Update the stable monetary exchange with monetary unit code = *USD*, start date = *2009-01-01*, monetary exchange sid = *6*, end date = *2009-06-01*:

  o monetary exchange rate 1: monetary unit code = *COP*, exchange rate = *2900.4*.

Transaction 8:

- Message 1: Update the stable monetary exchange with monetary unit code = *USD*, start date = *2009-01-01*, monetary exchange sid = *6*, end date = *2009-06-01*:

  o monetary exchange rate 1: monetary unit code =

EUR, exchange rate = *1.4*.

Transaction 9:

- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =, constant = *6*.

Content: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on monetary.exchange.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 2:

- Message 1, on monetary.exchange.rate.ref : VR-MEXR-9: The monetary unit must be stable when the monetary exchange rate is stable.

Reply to transaction 3:

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

Reply to transaction 4:

- Message 1, on monetary.unit.code : VR-MEXR-6: The monetary unit code cannot be updated.

Reply to transaction 5:

- Message 1, on monetary.exchange.ref : VR-MEXR-2: The monetary unit must be stable when the monetary exchange is stable.

Reply to transaction 6:

- Message 1, on monetary.exchange.ref : VR-MEXR-3: The validity period of the monetary exchange must not overlap the validity period of any other stable monetary exchange with the same monetary unit.

Reply to transaction 7:

- Message 1, on monetary.unit.code : VR-MEXR-1: The monetary unit must exist.

Reply to transaction 8:

- Message 1 : OK.

Reply to transaction 9:

- Message 1 : OK.

Message: **dm_mexr_update_06.xml**

Precondition: Make sure the *dm_mexr_update_setup_01.xml* message has been successfully processed.

Precondition: The message is composed of the following transactions:

Transaction 1:

- Message 1: Update the stable monetary exchange with monetary unit code = *XXX*, start date = *2009-01-01*, monetary exchange sid = *20*.

Transaction 2:
- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*, end date = *2009-06-01*:

    o monetary exchange rate 1: monetary unit code = *UNS*, exchange rate = *1.1*.

Transaction 3:
- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, monetary exchange sid = *1*.

Transaction 4:
- Message 1: Update the stable monetary exchange with monetary unit code = *COP*, start date = *2009-01-01*, monetary exchange sid = *1*, end date = *2009-06-01*.

Transaction 5:
- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2000-01-01*, monetary exchange sid = *7*.

Transaction 6:
- Message 1: Update the stable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*, end date = *2009-06-01*:

    o monetary exchange rate 1: monetary unit code = *COP*, exchange rate = *2901.2*.

Content: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on monetary.exchange.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 2:
- Message 1, on monetary.exchange.rate.ref : VR-MEXR-9: The monetary unit must be stable when the monetary

exchange rate is stable.

Reply to transaction 3:

- Message 1, on start.date : VR-VI-7: When the publication status of data is set to "stable", all information tagged as mandatory in the data elements has to be provided.

Reply to transaction 4:

- Message 1, on monetary.unit.code : VR-MEXR-6: The monetary unit code cannot be updated.

Reply to transaction 5:

- Message 1, on monetary.exchange.ref : VR-MEXR-3: The validity period of the monetary exchange must not overlap the validity period of any other stable monetary exchange with the same monetary unit.

Reply to transaction 6:

- Message 1, on monetary.unit.code : VR-MEXR-1: The monetary unit must exist.

2.3.4. Test case dm_mexr_delete: Deletion of a monetary exchange

Message: **dm_mexr_delete_setup_01.xml**

Precondition: First, make sure the database is empty. Then, load the testing reference data in the system. For this purpose, *init_ref_monetary_exchange.xml* message should be successfully processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, start date = *2009-01-01*, monetary exchange sid = *1*, end date = *2009-06-01*.

Transaction 2:

- Message 1: Insert a stable monetary exchange with monetary unit code = *EUR*, start date = *2009-07-01*, monetary exchange sid = *2*, end date = *2009-12-01*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Status ok.

Reply to transaction 2: Status ok.

Message: **dm_mexr_delete_01.xml**

Precondition: Make sure the message *dm_mexr_delete_setup_01.xml* has been correctly processed by the system.

Content: The message is composed of the following transactions:

Transaction 1:

- Message 1: Delete the monetary exchange with monetary exchange sid = *1*.

Transaction 2:

- Message 1: Delete the monetary exchange with monetary exchange sid = *2*.

Transaction 3:

- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =, constant = *1*.

- Message 2: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =, constant = *2*.

Transaction 4:

- Message 1: Delete the monetary exchange with monetary exchange sid = *1*.

Transaction 5:

- Message 1: Delete the monetary exchange with monetary exchange sid = *2*.

Expected output: The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on monetary.exchange.sid : OK.

Reply to transaction 2:

- Message 1, on monetary.exchange.sid : OK.

Reply to transaction 3:

- Message 1 : OK.

- Message 2 : OK.

Reply to transaction 4:

- Message 1, on monetary.exchange.sid : VR-VI-3: Data to be deleted must exist.

Reply to transaction 5:

- Message 1, on monetary.exchange.sid : VR-VI-3: Data to be deleted must exist.

2.4. Security

2.4.1. Environment set-up

The test environment is established by sending the following message which must be processed without any error.

Message init_ref_security_setup.xml

Prerequisite Make sure the database is empty first.

Content The message is composed of several transactions:

Transaction 1:

- Message 1: Insert a stable language with language id = *EN*, start date = *2000-01-01*:

- Message 2: Insert a stable language with language id = *FR*, start date = *2000-01-01*:

  - description 1: language id = *EN*, description = *English Description of fr*.

- Message 3: Insert a stable language with language id = *NL*, start date = *2000-01-01*:

  - description 1: language id = *EN*, description = *English Description of nl*.

  - description 2: language id = *FR*, description = *Description francaise nl*.

Transaction 2:

- Message 1: Insert a stable regulation role type with regulation role type id = *1*, start date = *2000-01-01*:

  - description 1: language id = *EN*, description = *English Description*.

  - description 2: language id = *FR*, description = *French Description*.

  - description 3: language id = *NL*, description = *Dutch Description*.

- Message 2: Insert a stable regulation role type with regulation role type id = *4*, start date = *2000-01-01*:

  - description 1: language id = *EN*, description =

English Description.

- o description 2: language id = *FR*, description = *French Description*.

- o description 3: language id = *NL*, description = *Dutch Description*.

- Message 3: Insert a stable regulation role type with regulation role type id = *5*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 4: Insert a stable regulation role type with regulation role type id = *6*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 5: Insert a stable regulation role type with regulation role type id = *7*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 6: Insert a stable regulation role type with regulation role type id = *8*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 3:

- Message 1: Insert a stable legal regulation with regulation id = *R0801030*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 2: Insert a stable legal regulation with regulation id = *R0801031*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 3: Insert a stable legal regulation with regulation id = *R0801040*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 4: Insert a stable legal regulation with regulation id = *R0801041*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 5: Insert a stable legal regulation with regulation id = *R0801050*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 6: Insert a stable legal regulation with regulation id = *R0801051*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 7: Insert a stable legal regulation with regulation id = *R0801080*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 8: Insert a stable legal regulation with regulation id = *R0801081*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 9: Insert a stable legal regulation with regulation id = *R0801070*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 10: Insert a stable legal regulation with regulation id = *R0801071*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 11: Insert a stable legal regulation with regulation id = *R0801060*, published date = *2000-01-01*,

official journal number = *AAAAA*, official journal page = *1234*.

- Message 12: Insert a stable legal regulation with regulation id = *R0801061*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

- Message 13: Insert a stable legal regulation with regulation id = *R0801010*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

Transaction 4:

- Message 1: Insert a stable country with country id = *BE*, start date = *1900-01-01*, area code = *0*:

  o description period 1: start date = *1900-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description of country group*.

    ▪ description 2: language id = *FR*, description = *French Description of country group*.

    ▪ description 3: language id = *NL*, description = *Dutch Description of country group*.

- Message 2: Insert a stable country with country id = *IT*, start date = *1900-01-01*, area code = *0*:

  o description period 1: start date = *1900-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description of country group*.

    ▪ description 2: language id = *FR*, description = *French Description of country group*.

    ▪ description 3: language id = *NL*, description = *Dutch Description of country group*.

Transaction 5:

- Message 1: Insert a stable regulation group with regulation group id = *GGA*, start date = *1980-01-01*:

  o description 1: language id = *EN*, description = *English Description of regulation group*.

- o description 2: language id = *FR*, description = *French Description of regulation group*.

- o description 3: language id = *NL*, description = *Dutch Description of regulation group*.

- Message 2: Insert a stable regulation group with regulation group id = *AGR*, start date = *1980-01-01*:

  - o description 1: language id = *EN*, description = *English description of the Regulation Group*.

  - o description 2: language id = *FR*, description = *French description of the Regulation Group*.

  - o description 3: language id = *NL*, description = *Dutch description of the Regulation Group*.

Transaction 6:

- Message 1: Insert a stable additional code type with additional code type id = *1*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

  application code = *1*.

- Message 2: Insert a stable additional code type with additional code type id = *B*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

  application code = *0*.

- Message 3: Insert a stable additional code type with additional code type id = *T*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description =

Dutch Description.

application code = *1*.

Transaction 7:

- Message 1: Insert a stable duty expression with duty expression id = *33*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English description of the duty expression.*

  o description 2: language id = *FR*, description = *French description of the duty expression.*

  o description 3: language id = *NL*, description = *Dutch Description of the duty expression.*

  duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 8:

- Message 1: Insert a stable measure type series with measure type series id = *AA*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description.*

  o description 2: language id = *FR*, description = *French Description.*

  o description 3: language id = *NL*, description = *Dutch Description.*

  measure type combination = *0*.

Transaction 9:

- Message 1: Insert a stable base regulation with regulation id = *R0801010*, regulation role type = *1*, start date = *2000-01-01*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

- Message 2: Insert an unstable base regulation with regulation id = *R0801071*, regulation role type = *1*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

- Message 3: Insert a stable base regulation with regulation id = *R0801040*, regulation role type = *1*, start date = *2000-01-01*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

- Message 4: Insert a stable base regulation with regulation id = *R0801050*, regulation role type = *1*, start date =

2000-01-01, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

Transaction 10:

- Message 1: Insert a stable measure type with measure type id = *001000*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  measure type series id = *AA*:

  o associated regulation group 1: regulation group id = *AGR*, start date = *2008-01-01*.

  trade movement code = *0*, measure explosion level = *6*, measure component applicable code = *2*, order number capture code = *1*, accepted via input bridge = *0*.

- Message 2: Insert a stable measure type with measure type id = *002000*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  measure type series id = *AA*:

  o associated regulation group 1: regulation group id = *GGA*, start date = *2008-01-01*.

  trade movement code = *0*, measure explosion level = *6*, measure component applicable code = *2*, order number capture code = *1*, accepted via input bridge = *0*.

Transaction 11:

- Message 1: Insert a stable footnote type with footnote type id = *ACF*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description =

Dutch Description.

application code = *9*.

- Message 2: Insert a stable footnote type with footnote type id = *ACD*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description.*

  o description 2: language id = *FR*, description = *French Description.*

  o description 3: language id = *NL*, description = *Dutch Description.*

application code = *9*.

Transaction 12:

- Message 1: Insert a stable measure condition code with condition code = *JA*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description of MCCJA.*

  o description 2: language id = *FR*, description = *French Description of MCCJA.*

  o description 3: language id = *NL*, description = *Dutch Description of MCCJA.*

Transaction 13:

- Message 1: Insert a stable measure action code with action code = *302*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description of MAC302.*

  o description 2: language id = *FR*, description = *French Description of MAC302.*

  o description 3: language id = *NL*, description = *Dutch Description of MAC302.*

Transaction 14:

- Message 1: Insert a stable footnote with footnote type id = *ACF*, footnote id = *01500*, start date = *2008-01-01*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description.*

    ▪ description 2: language id = *FR*, description = *French Description.*

▪ description 3: language id = *NL*,
description = *Dutch Description*.

Transaction 15:

- Message 1: Insert a stable goods nomenclature with
goods nomenclature id = *0100000000*, productline suffix
= *80*, start date = *2008-01-01*, goods nomenclature sid =
1:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*,
description = *English Description of
goods nomenclature*.

    ▪ description 2: language id = *FR*,
description = *French Description of
goods nomenclature*.

    ▪ description 3: language id = *NL*,
description = *Dutch Description of
goods nomenclature*.

  o indent 1: indent sid = *1*, start date = *2008-01-01*,
indent number = *1*.

  statistical indicator = *0*.

- Message 2: Insert a stable goods nomenclature with
goods nomenclature id = *0900000000*, productline suffix
= *80*, start date = *2008-01-01*, goods nomenclature sid =
9:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*,
description = *English Description of
goods nomenclature*.

    ▪ description 2: language id = *FR*,
description = *French Description of
goods nomenclature*.

    ▪ description 3: language id = *NL*,
description = *Dutch Description of
goods nomenclature*.

  o indent 1: indent sid = *2*, start date = *2008-01-01*,
indent number = *1*.

  statistical indicator = *0*.

Transaction 16:

- Message 1: Insert a stable measurement unit qualifier with measurement unit qualifier code = *H*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 17:

- Message 1: Insert a stable monetary unit with monetary unit code = *EUR*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 18:

- Message 1: Insert a stable additional code with additional code type id = *T*, additional code id = *222*, start date = *2008-02-01*, additional code sid = *123*:

    o description period 1: start date = *2008-02-01*:

        ▪ description 1: language id = *EN*, description = *English description*.

        ▪ description 2: language id = *FR*, description = *French description*.

        ▪ description 3: language id = *NL*, description = *Dutch description*.

Transaction 19:

- Message 1: Insert an unstable certificate type with certificate type code = *Z*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

Expected output   The message is composed of transactions replying to the original transactions:

Reply to transaction 1:   Status ok.

Reply to transaction 2:   Status ok.

Reply to transaction 3:   Status ok.

Reply to transaction 4:   Status ok.

Reply to transaction 5:   Status ok.

Reply to transaction 6:   Status ok.

Reply to transaction 7:   Status ok.

Reply to transaction 8:   Status ok.

Reply to transaction 9:   Status ok.

Reply to transaction 10: Status ok.

Reply to transaction 11: Status ok.

Reply to transaction 12: Status ok.

Reply to transaction 13: Status ok.

Reply to transaction 14: Status ok.

Reply to transaction 15: Status ok.

Reply to transaction 16: Status ok.

Reply to transaction 17: Status ok.

Reply to transaction 18: Status ok.

Reply to transaction 19: Status ok.

2.4.2. Taric3 security insert

Message   sec_taric3_la_insert_01.xml

Prerequisite   Make sure the message init_ref_security_setup.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Insert a stable additional code type with additional code type id = *A*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

o   description 2: language id = *FR*, description = *French Description*.

o   description 3: language id = *NL*, description = *Dutch Description*.

application code = *1*.

Transaction 2:

- Message 1: Insert a stable additional code with additional code type id = *1*, additional code id = *111*, start date = *2008-02-01*, additional code sid = *1*, end date = *2009-02-01*:

    o   description period 1: start date = *2008-02-01*:

        ▪   description 1: language id = *EN*, description = *English description*.

        ▪   description 2: language id = *FR*, description = *French description*.

        ▪   description 3: language id = *NL*, description = *Dutch description*.

Transaction 3:
- Message 1: Insert a stable agricultural duty expression with duty expression id = *33*, start date = *2008-01-01*, measure type id = *001000*, reduction type = *N*.

Transaction 4:
- Message 1: Insert an unstable agricultural measure validation rule with measure type id = *001000*, geographical area id = *BE*, start date = *2000-01-01*, agricultural measure validation rule sid = *01*, maximum value reduction indicator = *9*.

Transaction 5:
- Message 1: Insert an unstable certificate type with certificate type code = *C*:

    o   description 1: language id = *EN*, description = *English Description*.

    o   description 2: language id = *FR*, description = *French Description*.

    o   description 3: language id = *NL*, description = *Dutch Description*.

Transaction 6:
- Message 1: Insert an unstable certificate with certificate type code = *Z*, certificate code = *CC1*, start date = *2009-01-01*:

      o   description period 1: start date = *2009-01-01*:

- description 1: language id = *EN*, description = *English Description*.

- description 2: language id = *FR*, description = *French Description*.

- description 3: language id = *NL*, description = *Dutch Description*.

Transaction 7:

- Message 1: Insert a stable country with country id = *FR*, start date = *2008-01-01*, country sid = *1*, area code = *0*:

      o   description period 1: start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English Description of FR*.

- description 2: language id = *FR*, description = *French Description of FR*.

- description 3: language id = *NL*, description = *Dutch Description of FR*.

Transaction 8:

- Message 1: Insert an unstable country group with country group id = *GG00*, start date = *2008-01-01*, country group sid = *7*, area code = *1*:

      o   description period 1: start date = *2008-01-01*:

- description 1: language id = *EN*, description = *English description country group*.

- description 2: language id = *FR*, description = *French description country group*.

- description 3: language id = *NL*, description = *Dutch description country group*.

Transaction 9:

- Message 1: Insert an unstable duty expression with duty expression id = *71*:

      o   description 1: language id = *EN*, description = *English description of the duty expression*.

      o   description 2: language id = *FR*, description = *French description of the duty expression*.

   o description 3: language id = *NL*, description = *Dutch Description of the duty expression*.

duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 10:

- Message 1: Insert an unstable dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*, condition code = *JA*, action code = *302*.

Transaction 11:

- Message 1: Insert a stable export refund nomenclature with goods nomenclature id = *0100000000*, productline suffix = *80*, additional code type id = *B*, export refund code = *010*, productline suffix = *80*, start date = *2008-01-01*, export refund nomenclature sid = *1*:

   o description period 1: start date = *2008-01-01*:

      ▪ description 1: language id = *EN*, description = *English Description*.

      ▪ description 2: language id = *FR*, description = *French Description*.

      ▪ description 3: language id = *NL*, description = *Dutch Description*.

   o indent 1: indent sid = *1*, start date = *2008-01-01*, indent number = *1*.

Transaction 12:

- Message 1: Insert a stable footnote type with footnote type id = *RRR*, start date = *2008-01-01*:

   o description 1: language id = *EN*, description = *English Description*.

   o description 2: language id = *FR*, description = *French Description*.

   o description 3: language id = *NL*, description = *Dutch Description*.

application code = *1*.

Transaction 13:

- Message 1: Insert a stable footnote with footnote type id = *ACD*, footnote id = *01000*, start date = *2008-01-01*:

   o description period 1: start date = *2008-01-01*:

▪ description 1: language id = *EN*,
description = *English Description*.

▪ description 2: language id = *FR*,
description = *French Description*.

▪ description 3: language id = *NL*,
description = *Dutch Description*.

Transaction 14:

- Message 1: Insert a stable goods nomenclature with
goods nomenclature id = *0500000000*, productline suffix
= *80*, start date = *2008-01-01*, goods nomenclature sid =
2:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*,
    description = *English Description of
    goods nomenclature*.

    ▪ description 2: language id = *FR*,
    description = *French Description of
    goods nomenclature*.

    ▪ description 3: language id = *NL*,
    description = *Dutch Description of
    goods nomenclature*.

  o indent 1: indent sid = *2*, start date = *2008-01-01*,
  indent number = *2*.

  statistical indicator = *0*.

Transaction 15:

- Message 1: Insert a stable legal regulation with
regulation id = *R0800010*, published date = *2000-01-01*,
official journal number = *AAAAA*, official journal page =
1234.

Transaction 16:

- Message 1: Insert a stable measure action code with
action code = *300*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description =
  English Description of MAC300.

  o description 2: language id = *FR*, description =
  French Description of MAC302.

  o description 3: language id = *NL*, description =
  Dutch Description of MAC302.

Transaction 17:

- Message 1: Insert an unstable measure condition code with condition code = *TH*:

  o description 1: language id = *EN*, description = *English Description of MCCJA*.

  o description 2: language id = *FR*, description = *French Description of MCCJA*.

  o description 3: language id = *NL*, description = *Dutch Description of MCCJA*.

Transaction 18:

- Message 1: Insert an unstable measure with measure type id = *002000*, geographical area id = *BE*, goods nomenclature id = *0900000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *9*, order number = *094002*, reduction indicator = *1*, start date = *2008-01-01*, measure sid = *1*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 19:

- Message 1: Insert a stable measure type with measure type id = *700000*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  measure type series id = *AA*, trade movement code = *1*, measure explosion level = *2*, measure component applicable code = *0*, order number capture code = *2*, accepted via input bridge = *1*.

Transaction 20:

- Message 1: Insert a stable measure type series with measure type series id = *SA*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  measure type combination = *0*.

Transaction 21:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *IT*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *7*.

Transaction 22:

- Message 1: Insert a stable measurement unit with measurement unit code = *VTT*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

    measurement unit qualifier code = *H*.

    qualifier required = *1*.

Transaction 23:

- Message 1: Insert a stable measurement unit qualifier with measurement unit qualifier code = *Z*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 24:

- Message 1: Insert an unstable meursing table plan with meursing table plan id = *01*.

Transaction 25:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, monetary exchange sid = *1*.

Transaction 26:

- Message 1: Insert a stable monetary unit with monetary unit code = *LOL*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description =

French Description.

- o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 27:

- • Message 1: Insert a stable nomenclature group with nomenclature group type id = *Z*, nomenclature group id = *010101*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

  nomenclature group facility code = *0*.

Transaction 28:

- • Message 1: Insert a stable publication sigle with code type id = *MOU*, code = *EUR*, start date = *2000-01-01*, publication sigle sid = *111*, end date = *2001-01-01*, publication code = *0*.

Transaction 29:

- • Message 1: Insert an unstable base regulation with regulation id = *R0801030*, regulation role type = *1*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

Transaction 30:

- • Message 1: Insert an unstable modification regulation with regulation id = *R0801040*, regulation role type = *4*, start date = *2009-12-01*, end date = *2010-12-01*, regulation id = *R0801010*, regulation role type = *1*, approved flag = *1*.

Transaction 31:

- • Message 1: Insert a stable prorogation regulation with regulation id = *R0801050*, regulation role type = *5*, approved flag = *1*.

Transaction 32:

- • Message 1: Insert an unstable fts regulation with regulation id = *R0801061*, regulation role type = *8*, start date = *2008-03-01*, end date = *2008-12-31*, approved flag = *1*.

Transaction 33:

- • Message 1: Insert a stable explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*,

abrogation date = *2009-01-01*, approved flag = *1*.

Transaction 34:

- Message 1: Insert a stable complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*, approved flag = *1*.

Transaction 35:

- Message 1: Insert an unstable regulation group with regulation group id = *ATH*:

  o description 1: language id = *EN*, description = *English description*.

  o description 2: language id = *FR*, description = *French description*.

  o description 3: language id = *NL*, description = *Dutch description*.

Transaction 36:

- Message 1: Insert a stable regulation role type with regulation role type id = *2*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 37:

- Message 1: Insert a stable transmission comment with transmission comment sid = *110*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  keyword = *KeywordTC110*.

Transaction 38:

- Message 1: Insert a stable language with language id = *DD*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of nl*.

> - o description 2: language id = *FR*, description = *Description francaise nl*.
>
> - o description 3: language id = *NL*, description = *Description francaise nl*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 2:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 3:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 4:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 5:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 6:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 7:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 8:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 9:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 10:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 11:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 12:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 13:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 14:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 15:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 16:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 17:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 18:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 19:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 20:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 21:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 22:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 23:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 24:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 25:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 26:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 27:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 28:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 29:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 30:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 31:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 32:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 33:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 34:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 35:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 36:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 37:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 38:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Message   sec_taric3_la_insert_02.xml

Prerequisite   Make sure the message sec_taric3_la_insert_01.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Insert a stable additional code type with additional code type id = *A*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

  application code = *1*.

Transaction 2:

- Message 1: Insert a stable additional code with additional code type id = *1*, additional code id = *111*, start date = *2008-02-01*, additional code sid = *1*, end date = *2009-02-01*:

    o description period 1: start date = *2008-02-01*:

        ▪ description 1: language id = *EN*, description = *English description*.

        ▪ description 2: language id = *FR*, description = *French description*.

        ▪ description 3: language id = *NL*, description = *Dutch description*.

Transaction 3:

- Message 1: Insert a stable agricultural duty expression with duty expression id = *33*, start date = *2008-01-01*, measure type id = *001000*, reduction type = *N*.

Transaction 4:

- Message 1: Insert an unstable agricultural measure validation rule with measure type id = *001000*, geographical area id = *BE*, start date = *2000-01-01*, agricultural measure validation rule sid = *01*, maximum value reduction indicator = *9*.

Transaction 5:

- Message 1: Insert an unstable certificate type with certificate type code = *C*:

- o description 1: language id = *EN*, description = *English Description*.

- o description 2: language id = *FR*, description = *French Description*.

- o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 6:

- Message 1: Insert an unstable certificate with certificate type code = *Z*, certificate code = *CC1*, start date = *2009-01-01*:

  - o description period 1: start date = *2009-01-01*:

    - description 1: language id = *EN*, description = *English Description*.

    - description 2: language id = *FR*, description = *French Description*.

    - description 3: language id = *NL*, description = *Dutch Description*.

Transaction 7:

- Message 1: Insert a stable country with country id = *FR*, start date = *2008-01-01*, country sid = *1*, area code = *0*:

  - o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English Description of FR*.

    - description 2: language id = *FR*, description = *French Description of FR*.

    - description 3: language id = *NL*, description = *Dutch Description of FR*.

Transaction 8:

- Message 1: Insert an unstable country group with country group id = *GG00*, start date = *2008-01-01*, country group sid = *7*, area code = *1*:

  - o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English description country group*.

    - description 2: language id = *FR*, description = *French description country group*.

▪ description 3: language id = *NL*,
description = *Dutch description country group*.

Transaction 9:

- Message 1: Insert an unstable duty expression with duty expression id = *71*:

  o description 1: language id = *EN*, description = *English description of the duty expression*.

  o description 2: language id = *FR*, description = *French description of the duty expression*.

  o description 3: language id = *NL*, description = *Dutch Description of the duty expression*.

duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 10:

- Message 1: Insert an unstable dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*, condition code = *JA*, action code = *302*.

Transaction 11:

- Message 1: Insert a stable export refund nomenclature with goods nomenclature id = *0100000000*, productline suffix = *80*, additional code type id = *B*, export refund code = *010*, productline suffix = *80*, start date = *2008-01-01*, export refund nomenclature sid = *1*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description*.

    ▪ description 2: language id = *FR*, description = *French Description*.

    ▪ description 3: language id = *NL*, description = *Dutch Description*.

  o indent 1: indent sid = *1*, start date = *2008-01-01*, indent number = *1*.

Transaction 12:

- Message 1: Insert a stable footnote type with footnote type id = *RRR*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

- o description 2: language id = *FR*, description = *French Description*.

- o description 3: language id = *NL*, description = *Dutch Description*.

application code = *1*.

Transaction 13:

- Message 1: Insert a stable footnote with footnote type id = *ACD*, footnote id = *01000*, start date = *2008-01-01*:

  - o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English Description*.

    - description 2: language id = *FR*, description = *French Description*.

    - description 3: language id = *NL*, description = *Dutch Description*.

Transaction 14:

- Message 1: Insert a stable goods nomenclature with goods nomenclature id = *0500000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *2*:

  - o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English Description of goods nomenclature*.

    - description 2: language id = *FR*, description = *French Description of goods nomenclature*.

    - description 3: language id = *NL*, description = *Dutch Description of goods nomenclature*.

  - o indent 1: indent sid = *2*, start date = *2008-01-01*, indent number = *2*.

statistical indicator = *0*.

Transaction 15:

- Message 1: Insert a stable legal regulation with regulation id = *R0800010*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

Transaction 16:

- Message 1: Insert a stable measure action code with action code = *300*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description of MAC300*.

    o description 2: language id = *FR*, description = *French Description of MAC302*.

    o description 3: language id = *NL*, description = *Dutch Description of MAC302*.

Transaction 17:

- Message 1: Insert an unstable measure condition code with condition code = *TH*:

    o description 1: language id = *EN*, description = *English Description of MCCJA*.

    o description 2: language id = *FR*, description = *French Description of MCCJA*.

    o description 3: language id = *NL*, description = *Dutch Description of MCCJA*.

Transaction 18:

- Message 1: Insert an unstable measure with measure type id = *002000*, geographical area id = *BE*, goods nomenclature id = *0900000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *9*, order number = *094002*, reduction indicator = *1*, start date = *2008-01-01*, measure sid = *1*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 19:

- Message 1: Insert a stable measure type with measure type id = *700000*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

measure type series id = *AA*, trade movement code = *1*, measure explosion level = *2*, measure component applicable code = *0*, order number capture code = *2*, accepted via input bridge = *1*.

Transaction 20:

- Message 1: Insert a stable measure type series with measure type series id = *SA*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  measure type combination = *0*.

Transaction 21:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *IT*, start date = *2000-01-01*, measure agricultural duty expression rule sid = *7*.

Transaction 22:

- Message 1: Insert a stable measurement unit with measurement unit code = *VTT*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  measurement unit qualifier code = *H*.

  qualifier required = *1*.

Transaction 23:

- Message 1: Insert a stable measurement unit qualifier with measurement unit qualifier code = *Z*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 24:

- Message 1: Insert an unstable meursing table plan with meursing table plan id = *01*.

Transaction 25:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, monetary exchange sid = *1*.

Transaction 26:

- Message 1: Insert a stable monetary unit with monetary unit code = *LOL*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 27:

- Message 1: Insert a stable nomenclature group with nomenclature group type id = *Z*, nomenclature group id = *010101*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

  nomenclature group facility code = *0*.

Transaction 28:

- Message 1: Insert a stable publication sigle with code type id = *MOU*, code = *EUR*, start date = *2000-01-01*, publication sigle sid = *111*, end date = *2001-01-01*, publication code = *0*.

Transaction 29:

- Message 1: Insert an unstable base regulation with regulation id = *R0801030*, regulation role type = *1*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

Transaction 30:

- Message 1: Insert an unstable modification regulation with regulation id = *R0801040*, regulation role type = *4*, start date = *2009-12-01*, end date = *2010-12-01*, regulation id = *R0801010*, regulation role type = *1*, approved flag = *1*.

Transaction 31:

- Message 1: Insert a stable prorogation regulation with regulation id = *R0801050*, regulation role type = *5*, approved flag = *1*.

Transaction 32:

- Message 1: Insert an unstable fts regulation with regulation id = *R0801061*, regulation role type = *8*, start date = *2008-03-01*, end date = *2008-12-31*, approved flag = *1*.

Transaction 33:

- Message 1: Insert a stable explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*, abrogation date = *2009-01-01*, approved flag = *1*.

Transaction 34:

- Message 1: Insert a stable complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*, approved flag = *1*.

Transaction 35:

- Message 1: Insert an unstable regulation group with regulation group id = *ATH*:

  - description 1: language id = *EN*, description = *English description*.

  - description 2: language id = *FR*, description = *French description*.

  - description 3: language id = *NL*, description = *Dutch description*.

Transaction 36:

- Message 1: Insert a stable regulation role type with regulation role type id = *2*, start date = *2008-01-01*:

  - description 1: language id = *EN*, description = *English Description*.

  - description 2: language id = *FR*, description = *French Description*.

  - description 3: language id = *NL*, description = *Dutch Description*.

Transaction 37:

- Message 1: Insert a stable transmission comment with transmission comment sid = *110*:

  - description 1: language id = *EN*, description = *English Description*.

- o description 2: language id = *FR*, description = *French Description*.

- o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTC110*.

Transaction 38:

- Message 1: Insert a stable language with language id = *DD*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description of nl*.

  - o description 2: language id = *FR*, description = *Description francaise nl*.

  - o description 3: language id = *NL*, description = *Description francaise nl*.

Expected output	The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 2:
- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 3:
- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 4:
- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 5:
- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 6:
- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 7:
- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 8:
- Message 1 : GEN-AUTHORISATION-ERROR: The

user is not authorised to perform the insert operation.

Reply to transaction 9:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 10:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 11:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 12:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 13:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 14:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 15:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 16:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 17:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 18:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 19:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 20:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 21:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 22:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 23:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 24:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 25:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 26:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 27:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 28:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 29:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 30:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 31:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 32:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 33:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 34:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 35:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 36:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 37:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Reply to transaction 38:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the insert operation.

Message   sec_taric3_la_insert_03.xml

Prerequisite   Make sure the message sec_taric3_la_insert_02.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Insert a stable additional code type with additional code type id = *A*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

  application code = *1*.

Transaction 2:

- Message 1: Insert a stable additional code with additional code type id = *1*, additional code id = *111*, start date = *2008-02-01*, additional code sid = *1*, end date = *2009-02-01*:

    o description period 1: start date = *2008-02-01*:

        ▪ description 1: language id = *EN*, description = *English description*.

        ▪ description 2: language id = *FR*, description = *French description*.

        ▪ description 3: language id = *NL*, description = *Dutch description*.

Transaction 3:

- Message 1: Insert a stable agricultural duty expression with duty expression id = *33*, start date = *2008-01-01*, measure type id = *001000*, reduction type = *N*.

Transaction 4:

- Message 1: Insert an unstable agricultural measure validation rule with measure type id = *001000*, geographical area id = *BE*, start date = *2000-01-01*, agricultural measure validation rule sid = *01*, maximum value reduction indicator = *9*.

Transaction 5:

- Message 1: Insert an unstable certificate type with certificate type code = *C*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 6:

- Message 1: Insert an unstable certificate with certificate type code = *Z*, certificate code = *CC1*, start date = *2009-01-01*:

    o description period 1: start date = *2009-01-01*:

        ▪ description 1: language id = *EN*, description = *English Description*.

        ▪ description 2: language id = *FR*, description = *French Description*.

        ▪ description 3: language id = *NL*, description = *Dutch Description*.

Transaction 7:

- Message 1: Insert a stable country with country id = *FR*, start date = *2008-01-01*, country sid = *1*, area code = *0*:

    o description period 1: start date = *2008-01-01*:

        ▪ description 1: language id = *EN*, description = *English Description of FR*.

        ▪ description 2: language id = *FR*, description = *French Description of FR*.

        ▪ description 3: language id = *NL*, description = *Dutch Description of FR*.

Transaction 8:

- Message 1: Insert an unstable country group with country group id = *GG00*, start date = *2008-01-01*, country group sid = *7*, area code = *1*:

    o description period 1: start date = *2008-01-01*:

        ▪ description 1: language id = *EN*, description = *English description country group*.

        ▪ description 2: language id = *FR*, description = *French description country group*.

        ▪ description 3: language id = *NL*, description = *Dutch description country group*.

Transaction 9:

- Message 1: Insert an unstable duty expression with duty expression id = *71*:

    o description 1: language id = *EN*, description = *English description of the duty expression*.

    o description 2: language id = *FR*, description = *French description of the duty expression*.

    o description 3: language id = *NL*, description = *Dutch Description of the duty expression*.

    duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 10:

- Message 1: Insert an unstable dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*, condition code = *JA*, action code = *302*.

Transaction 11:

- Message 1: Insert a stable export refund nomenclature with goods nomenclature id = *0100000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *1*, additional code type id = *B*, export refund code = *010*, productline suffix = *80*, start date = *2008-01-01*, export refund nomenclature sid = *1*:

    o description period 1: start date = *2008-01-01*:

        ▪ description 1: language id = *EN*, description = *English Description*.

- description 2: language id = *FR*, description = *French Description*.

- description 3: language id = *NL*, description = *Dutch Description*.

  o indent 1: indent sid = *1*, start date = *2008-01-01*, indent number = *1*.

Transaction 12:

- Message 1: Insert a stable footnote type with footnote type id = *RRR*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  application code = *1*.

Transaction 13:

- Message 1: Insert a stable footnote with footnote type id = *ACD*, footnote id = *01000*, start date = *2008-01-01*:

  o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English Description*.

    - description 2: language id = *FR*, description = *French Description*.

    - description 3: language id = *NL*, description = *Dutch Description*.

Transaction 14:

- Message 1: Insert a stable goods nomenclature with goods nomenclature id = *0500000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *2*:

  o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English Description of goods nomenclature*.

    - description 2: language id = *FR*, description = *French Description of*

goods nomenclature.

- ▪ description 3: language id = *NL*, description = *Dutch Description of goods nomenclature.*

- o indent 1: indent sid = *3*, start date = *2008-01-01*, indent number = *3*.

statistical indicator = *0*.

Transaction 15:

- Message 1: Insert a stable legal regulation with regulation id = *R0800010*, published date = *2000-01-01*, official journal number = *AAAAA*, official journal page = *1234*.

Transaction 16:

- Message 1: Insert a stable measure action code with action code = *300*, start date = *2008-01-01*:

    - o description 1: language id = *EN*, description = *English Description of MAC300.*

    - o description 2: language id = *FR*, description = *French Description of MAC302.*

    - o description 3: language id = *NL*, description = *Dutch Description of MAC302.*

Transaction 17:

- Message 1: Insert an unstable measure condition code with condition code = *TH*:

    - o description 1: language id = *EN*, description = *English Description of MCCJA.*

    - o description 2: language id = *FR*, description = *French Description of MCCJA.*

    - o description 3: language id = *NL*, description = *Dutch Description of MCCJA.*

Transaction 18:

- Message 1: Insert an unstable measure with measure type id = *002000*, geographical area id = *BE*, goods nomenclature id = *0900000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *9*, order number = *094002*, start date = *2008-01-01*, measure sid = *1*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 19:

- Message 1: Insert a stable measure type with measure

type id = *700000*, start date = *2008-01-01*:

- o description 1: language id = *EN*, description = *English Description*.

- o description 2: language id = *FR*, description = *French Description*.

- o description 3: language id = *NL*, description = *Dutch Description*.

measure type series id = *AA*, trade movement code = *1*, measure explosion level = *2*, measure component applicable code = *0*, order number capture code = *2*, accepted via input bridge = *1*.

Transaction 20:

- Message 1: Insert a stable measure type series with measure type series id = *SA*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

  measure type combination = *0*.

Transaction 21:

- Message 1: Insert an unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *IT*, start date = *2008-01-01*, measure agricultural duty expression rule sid = *7*.

Transaction 22:

- Message 1: Insert a stable measurement unit with measurement unit code = *VTT*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

  measurement unit qualifier code = *H*.

  qualifier required = *1*.

Transaction 23:

- Message 1: Insert a stable measurement unit qualifier with measurement unit qualifier code = *Z*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 24:

- Message 1: Insert an unstable meursing table plan with meursing table plan id = *01*.

Transaction 25:

- Message 1: Insert an unstable monetary exchange with monetary unit code = *EUR*, monetary exchange sid = *1*.

Transaction 26:

- Message 1: Insert a stable monetary unit with monetary unit code = *LOL*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 27:

- Message 1: Insert a stable nomenclature group with nomenclature group type id = *Z*, nomenclature group id = *010101*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

nomenclature group facility code = *0*.

Transaction 28:

- Message 1: Insert a stable publication sigle with code

type id = *MOU*, code = *EUR*, start date = *2000-01-01*, publication sigle sid = *111*, end date = *2001-01-01*, publication code = *0*.

Transaction 29:

- Message 1: Insert an unstable base regulation with regulation id = *R0801030*, regulation role type = *1*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

Transaction 30:

- Message 1: Insert an unstable modification regulation with regulation id = *R0801040*, regulation role type = *4*, start date = *2009-12-01*, end date = *2010-12-01*, regulation id = *R0801010*, regulation role type = *1*, approved flag = *1*.

Transaction 31:

- Message 1: Insert a stable prorogation regulation with regulation id = *R0801050*, regulation role type = *5*, approved flag = *1*.

Transaction 32:

- Message 1: Insert an unstable fts regulation with regulation id = *R0801061*, regulation role type = *8*, start date = *2008-03-01*, end date = *2008-12-31*, approved flag = *1*.

Transaction 33:

- Message 1: Insert a stable explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*, abrogation date = *2009-01-01*, approved flag = *1*.

Transaction 34:

- Message 1: Insert a stable complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*, approved flag = *1*.

Transaction 35:

- Message 1: Insert an unstable regulation group with regulation group id = *ATH*:

  - description 1: language id = *EN*, description = *English description*.

  - description 2: language id = *FR*, description = *French description*.

  - description 3: language id = *NL*, description = *Dutch description*.

Transaction 36:

- Message 1: Insert a stable regulation role type with regulation role type id = *2*, start date = *2008-01-01*:

o description 1: language id = *EN*, description = *English Description*.

o description 2: language id = *FR*, description = *French Description*.

o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 37:

- Message 1: Insert a stable transmission comment with transmission comment sid = *110*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTC110*.

Transaction 38:

- Message 1: Insert a stable language with language id = *DD*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *English Description of nl*.

    o description 2: language id = *FR*, description = *Description francaise nl*.

    o description 3: language id = *NL*, description = *Description francaise nl*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on additional.code.type.ref : OK.

Reply to transaction 2:

- Message 1, on additional.code.ref : OK.

Reply to transaction 3:

- Message 1 : OK.

Reply to transaction 4:

- Message 1, on agricultural.measure.validation.rule.ref : OK.

Reply to transaction 5:

- Message 1, on certificate.type.ref : OK.

Reply to transaction 6:

- Message 1, on certificate.ref : OK.

Reply to transaction 7:

- Message 1, on country.ref : OK.

Reply to transaction 8:

- Message 1, on country.group.ref : OK.

Reply to transaction 9:

- Message 1, on duty.expression.ref : OK.

Reply to transaction 10:

- Message 1, on dynamic.footnote.association.rule.ref : OK.

Reply to transaction 11:

- Message 1, on export.refund.nomenclature.ref : OK.

Reply to transaction 12:

- Message 1, on footnote.type.ref : OK.

Reply to transaction 13:

- Message 1, on footnote.ref : OK.

Reply to transaction 14:

- Message 1, on goods.nomenclature.ref : OK.

Reply to transaction 15:

- Message 1, on legal.regulation.ref : OK.

Reply to transaction 16:

- Message 1, on measure.action.code.ref : OK.

Reply to transaction 17:

- Message 1, on measure.condition.code.ref : OK.

Reply to transaction 18:

- Message 1, on measure : OK.

Reply to transaction 19:

- Message 1, on measure.type.ref : OK.

Reply to transaction 20:

- Message 1, on measure.type.series.ref : OK.

Reply to transaction 21:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 22:

- Message 1, on measurement.unit.ref : OK.

Reply to transaction 23:

- Message 1, on measurement.unit.qualifier.ref : OK.

Reply to transaction 24:

- Message 1, on meursing.table.plan.ref : OK.

Reply to transaction 25:

- Message 1 : OK.

Reply to transaction 26:

- Message 1 : OK.

Reply to transaction 27:

- Message 1, on nomenclature.group.ref : OK.

Reply to transaction 28:

- Message 1, on publication.sigle.ref : OK.

Reply to transaction 29:

- Message 1, on base.regulation.ref : OK.

Reply to transaction 30:

- Message 1, on modification.regulation.ref : OK.

Reply to transaction 31:

- Message 1, on prorogation.regulation.ref : OK.

Reply to transaction 32:

- Message 1, on fts.regulation.ref : OK.

Reply to transaction 33:

- Message 1, on abrogation.regulation.ref : OK.

Reply to transaction 34:

- Message 1, on abrogation.regulation.ref : OK.

Reply to transaction 35:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 36:

- Message 1, on regulation.role.type.ref : OK.

Reply to transaction 37:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 38:

- Message 1, on language.ref : OK.

2.4.3. Taric3 security query

Message   sec_taric3_la_query_01.xml

Prerequisite   Make sure the message sec_taric3_la_insert_03.xml have been
                    correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Request the additional code type with query space field = *ADDITIONAL CODE TYPE.ADDITIONAL CODE TYPE REF.Additional code type id*, operator = =, constant = *A*.

Transaction 2:

- Message 1: Request the additional code with query space field = *ADDITIONAL CODE.ADDITIONAL CODE REF.Additional code sid*, operator = =, constant = *1*.

Transaction 3:

- Message 1: Request the agricultural duty expression with query space field = *AGRICULTURAL DUTY EXPRESSION.AGRICULTURAL DUTY EXPRESSION REF.DUTY EXPRESSION REF.Duty expression id*, operator = =, constant = *33*.

Transaction 4:

- Message 1: Request the agricultural measure validation rule with query space field = *AGRICULTURAL MEASURE VALIDATION RULE.AGRICULTURAL MEASURE VALIDATION RULE REF.Agricultural measure validation rule sid*, operator = =, constant = *001000*.

Transaction 5:

- Message 1: Request the certificate type with query space field = *CERTIFICATE TYPE.CERTIFICATE TYPE REF.Certificate type code*, operator = =, constant = *C*.

Transaction 6:

- Message 1: Request the certificate with query space field = *CERTIFICATE.CERTIFICATE REF.Certificate code*, operator = =, constant = *CC1*.

Transaction 7:

- Message 1: Request the country with query space field = *COUNTRY.COUNTRY REF.LOGICAL KEY.Country id*, operator = =, constant = *FR*.

Transaction 8:

- Message 1: Request the country group with query space field = *COUNTRY GROUP.COUNTRY GROUP REF.Country group sid*, operator = =, constant = *7*.

Transaction 9:

- Message 1: Request the duty expression with query space field = *DUTY EXPRESSION.DUTY EXPRESSION REF.Duty expression id*, operator = =, constant = *71*.

Transaction 10:

- Message 1: Request the dynamic footnote association rule with query space field = *DYNAMIC FOOTNOTE ASSOCIATION RULE.DYNAMIC FOOTNOTE ASSOCIATION RULE REF.FOOTNOTE REF.Footnote type id*, operator = =, constant = *ACF*.

Transaction 11:

- Message 1: Request the export refund nomenclature with query space field = *EXPORT REFUND NOMENCLATURE.EXPORT REFUND NOMENCLATURE REF.Export refund nomenclature sid*, operator = =, constant = *0100000000*.

Transaction 12:

- Message 1: Request the footnote type with query space field = *FOOTNOTE TYPE.FOOTNOTE TYPE REF.Footnote type id*, operator = =, constant = *RRR*.

Transaction 13:

- Message 1: Request the footnote with query space field = *FOOTNOTE.FOOTNOTE REF.Footnote type id*, operator = =, constant = *ACD*.

Transaction 14:

- Message 1: Request the goods nomenclature with query space field = *GOODS NOMENCLATURE.GOODS NOMENCLATURE REF.Goods nomenclature sid*, operator = =, constant = *0500000000*.

Transaction 15:

- Message 1: Request the language with query space field = *LANGUAGE.LANGUAGE REF.Language id*, operator = =, constant = *DD*.

Transaction 16:

- Message 1: Request the legal regulation with query space field = *LEGAL REGULATION.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0800010*.

Transaction 17:

- Message 1: Request the measure action code with query space field = *MEASURE ACTION CODE.MEASURE ACTION CODE REF.Action code*, operator = =, constant = *300*.

Transaction 18:

- Message 1: Request the measure condition code with query space field = *MEASURE CONDITION CODE.MEASURE CONDITION CODE REF.Condition code*, operator = =, constant = *TH*.

Transaction 19:

- Message 1: Request the measure with query space field = *MEASURE.MEASURE REF.Measure sid*, operator = =, constant = *002000*.

Transaction 20:

- Message 1: Request the measure type with query space field = *MEASURE TYPE.MEASURE TYPE REF.Measure type id*, operator = =, constant = *700000*.

Transaction 21:

- Message 1: Request the measure type series with query space field = *MEASURE TYPE SERIES.MEASURE TYPE SERIES REF.Measure type series id*, operator = =, constant = *SA*.

Transaction 22:

- Message 1: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *001000*.

Transaction 23:

- Message 1: Request the measurement unit with query space field = *MEASUREMENT UNIT.MEASUREMENT UNIT REF.Measurement unit code*, operator = =, constant = *VTT*.

Transaction 24:

- Message 1: Request the measurement unit qualifier with query space field = *MEASUREMENT UNIT QUALIFIER.MEASUREMENT UNIT QUALIFIER REF.Measurement unit qualifier code*, operator = =, constant = *Z*.

Transaction 25:

- Message 1: Request the meursing table plan with query space field = *MEURSING TABLE PLAN.MEURSING TABLE PLAN REF.Meursing table plan id*, operator = =, constant = *01*.

Transaction 26:

- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =, constant = *1*.

Transaction 27:

- Message 1: Request the monetary unit with query space field = *MONETARY UNIT.MONETARY UNIT REF.Monetary unit code*, operator = =, constant = *LOL*.

Transaction 28:

- Message 1: Request the nomenclature group with query space field = *NOMENCLATURE GROUP.NOMENCLATURE GROUP REF.Nomenclature group type id*, operator = =, constant = *Z*.

Transaction 29:

- Message 1: Request the publication sigle with query space field = *PUBLICATION SIGLE.PUBLICATION SIGLE REF.Publication sigle sid*, operator = =, constant = *111*.

Transaction 30:

- Message 1: Request the base regulation with query space field = *BASE REGULATION.BASE REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 31:

- Message 1: Request the modification regulation with query space field = *MODIFICATION REGULATION.MODIFICATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801040*.

Transaction 32:

- Message 1: Request the prorogation regulation with query space field = *PROROGATION REGULATION.PROROGATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801050*.

Transaction 33:

- Message 1: Request the fts regulation with query space field = *FTS REGULATION.FTS REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801061*.

Transaction 34:

- Message 1: Request the explicit abrogation regulation with query space field = *EXPLICIT ABROGATION REGULATION.ABROGATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 35:

- Message 1: Request the complete abrogation regulation with query space field = *COMPLETE ABROGATION REGULATION.ABROGATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 36:

- Message 1: Request the regulation group with query

space field = *REGULATION GROUP.REGULATION GROUP REF.Regulation group id*, operator = =, constant = *ATH*.

Transaction 37:

- Message 1: Request the regulation role type with query space field = *REGULATION ROLE TYPE.REGULATION ROLE TYPE REF.Regulation role type id*, operator = =, constant = *2*.

Transaction 38:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *110*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 2:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 3:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 4:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 5:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 6:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 7:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 8:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 9:

- Message 1 : GEN-AUTHORISATION-ERROR: The

user is not authorised to perform the query operation.

Reply to transaction 10:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 11:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 12:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 13:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 14:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 15:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 16:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 17:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 18:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 19:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 20:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 21:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 22:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 23:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 24:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 25:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 26:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 27:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 28:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 29:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 30:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 31:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 32:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 33:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 34:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 35:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 36:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 37:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Reply to transaction 38:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the query operation.

Message   sec_taric3_la_query_02.xml

Prerequisite   Make sure the message sec_taric3_la_query_01.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Request the additional code type with query space field = *ADDITIONAL CODE TYPE.ADDITIONAL CODE TYPE REF.Additional code type id*, operator = =, constant = *A*.

Transaction 3:

- Message 1: Request the agricultural duty expression with query space field = *AGRICULTURAL DUTY EXPRESSION.AGRICULTURAL DUTY EXPRESSION REF.DUTY EXPRESSION REF.Duty expression id*, operator = =, constant = *33*.

Transaction 4:

- Message 1: Request the agricultural measure validation rule with query space field = *AGRICULTURAL MEASURE VALIDATION RULE.AGRICULTURAL MEASURE VALIDATION RULE REF.Agricultural measure validation rule sid*, operator = =, constant = *001000*.

Transaction 5:

- Message 1: Request the certificate type with query space field = *CERTIFICATE TYPE.CERTIFICATE TYPE REF.Certificate type code*, operator = =, constant = *C*.

Transaction 6:

- Message 1: Request the certificate with query space field = *CERTIFICATE.CERTIFICATE REF.Certificate code*, operator = =, constant = *CC1*.

Transaction 7:

- Message 1: Request the country with query space field = *COUNTRY.COUNTRY REF.LOGICAL KEY.Country id*, operator = =, constant = *FR*.

Transaction 8:

- Message 1: Request the country group with query space field = *COUNTRY GROUP.COUNTRY GROUP REF.Country group sid*, operator = =, constant = *7*.

Transaction 9:

- Message 1: Request the duty expression with query space field = *DUTY EXPRESSION.DUTY EXPRESSION REF.Duty expression id*, operator = =, constant = *71*.

Transaction 10:

- Message 1: Request the dynamic footnote association rule with query space field = *DYNAMIC FOOTNOTE ASSOCIATION RULE.DYNAMIC FOOTNOTE ASSOCIATION RULE REF.FOOTNOTE REF.Footnote type id*, operator = =, constant = *ACF*.

Transaction 11:

- Message 1: Request the export refund nomenclature with query space field = *EXPORT REFUND NOMENCLATURE.EXPORT REFUND NOMENCLATURE REF.Export refund nomenclature sid*, operator = =, constant = *0100000000*.

Transaction 12:

- Message 1: Request the footnote type with query space field = *FOOTNOTE TYPE.FOOTNOTE TYPE REF.Footnote type id*, operator = =, constant = *RRR*.

Transaction 13:

- Message 1: Request the footnote with query space field = *FOOTNOTE.FOOTNOTE REF.Footnote type id*, operator = =, constant = *ACD*.

Transaction 14:

- Message 1: Request the goods nomenclature with query space field = *GOODS NOMENCLATURE.GOODS NOMENCLATURE REF.Goods nomenclature sid*, operator = =, constant = *0500000000*.

Transaction 15:

- Message 1: Request the language with query space field = *LANGUAGE.LANGUAGE REF.Language id*, operator = =, constant = *DD*.

Transaction 16:

- Message 1: Request the legal regulation with query space field = *LEGAL REGULATION.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0800010*.

Transaction 17:

- Message 1: Request the measure action code with query space field = *MEASURE ACTION CODE.MEASURE ACTION CODE REF.Action code*, operator = =, constant

= 300.

Transaction 18:

- Message 1: Request the measure condition code with query space field = *MEASURE CONDITION CODE.MEASURE CONDITION CODE REF.Condition code*, operator = =, constant = *TH*.

Transaction 19:

- Message 1: Request the measure with query space field = *MEASURE.MEASURE REF.Measure sid*, operator = =, constant = *002000*.

Transaction 20:

- Message 1: Request the measure type with query space field = *MEASURE TYPE.MEASURE TYPE REF.Measure type id*, operator = =, constant = *700000*.

Transaction 21:

- Message 1: Request the measure type series with query space field = *MEASURE TYPE SERIES.MEASURE TYPE SERIES REF.Measure type series id*, operator = =, constant = *SA*.

Transaction 22:

- Message 1: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *001000*.

Transaction 23:

- Message 1: Request the measurement unit with query space field = *MEASUREMENT UNIT.MEASUREMENT UNIT REF.Measurement unit code*, operator = =, constant = *VTT*.

Transaction 24:

- Message 1: Request the measurement unit qualifier with query space field = *MEASUREMENT UNIT QUALIFIER.MEASUREMENT UNIT QUALIFIER REF.Measurement unit qualifier code*, operator = =, constant = *Z*.

Transaction 25:

- Message 1: Request the meursing table plan with query space field = *MEURSING TABLE PLAN.MEURSING TABLE PLAN REF.Meursing table plan id*, operator = =, constant = *01*.

Transaction 26:

- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY*

EXCHANGE REF.Monetary exchange sid, operator = =, constant = *1*.

Transaction 27:

- Message 1: Request the monetary unit with query space field = *MONETARY UNIT.MONETARY UNIT REF.Monetary unit code*, operator = =, constant = *LOL*.

Transaction 28:

- Message 1: Request the nomenclature group with query space field = *NOMENCLATURE GROUP.NOMENCLATURE GROUP REF.Nomenclature group type id*, operator = =, constant = *Z*.

Transaction 29:

- Message 1: Request the publication sigle with query space field = *PUBLICATION SIGLE.PUBLICATION SIGLE REF.Publication sigle sid*, operator = =, constant = *111*.

Transaction 30:

- Message 1: Request the base regulation with query space field = *BASE REGULATION.BASE REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 31:

- Message 1: Request the modification regulation with query space field = *MODIFICATION REGULATION.MODIFICATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801040*.

Transaction 33:

- Message 1: Request the fts regulation with query space field = *FTS REGULATION.FTS REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801061*.

Transaction 34:

- Message 1: Request the explicit abrogation regulation with query space field = *EXPLICIT ABROGATION REGULATION.ABROGATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 35:

- Message 1: Request the complete abrogation regulation with query space field = *COMPLETE ABROGATION REGULATION.ABROGATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 36:

- Message 1: Request the regulation group with query space field = *REGULATION GROUP.REGULATION GROUP REF.Regulation group id*, operator = =, constant = *ATH*.

Transaction 37:

- Message 1: Request the regulation role type with query space field = *REGULATION ROLE TYPE.REGULATION ROLE TYPE REF.Regulation role type id*, operator = =, constant = *2*.

Transaction 38:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *110*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : OK.

Reply to transaction 3:

- Message 1 : OK.

Reply to transaction 4:

- Message 1 : OK.

Reply to transaction 5:

- Message 1 : OK.

Reply to transaction 6:

- Message 1 : OK.

Reply to transaction 7:

- Message 1 : OK.

Reply to transaction 8:

- Message 1 : OK.

Reply to transaction 9:

- Message 1 : OK.

Reply to transaction 10:

- Message 1 : OK.

Reply to transaction 11:

- Message 1 : OK.

Reply to transaction 12:

- Message 1 : OK.

Reply to transaction 13:

- Message 1 : OK.

Reply to transaction 14:

- Message 1 : OK.

Reply to transaction 15:

- Message 1 : OK.

Reply to transaction 16:

- Message 1 : OK.

Reply to transaction 17:

- Message 1 : OK.

Reply to transaction 18:

- Message 1 : OK.

Reply to transaction 19:

- Message 1 : OK.

Reply to transaction 20:

- Message 1 : OK.

Reply to transaction 21:

- Message 1 : OK.

Reply to transaction 22:

- Message 1 : OK.

Reply to transaction 23:

- Message 1 : OK.

Reply to transaction 24:

- Message 1 : OK.

Reply to transaction 25:

- Message 1 : OK.

Reply to transaction 26:

- Message 1 : OK.

Reply to transaction 27:

- Message 1 : OK.

Reply to transaction 28:

- Message 1 : OK.

Reply to transaction 29:

- Message 1 : OK.

Reply to transaction 30:

- Message 1 : OK.

Reply to transaction 31:

- Message 1 : OK.

Reply to transaction 33:

- Message 1 : OK.

Reply to transaction 34:

- Message 1 : OK.

Reply to transaction 35:

- Message 1 : OK.

Reply to transaction 36:

- Message 1 : OK.

Reply to transaction 37:

- Message 1 : OK.

Reply to transaction 38:

- Message 1 : OK.

Message   sec_taric3_la_query_03.xml

Prerequisite   Make sure the message sec_taric3_la_query_02.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Request the additional code type with query space field = *ADDITIONAL CODE TYPE.ADDITIONAL CODE TYPE REF.Additional code type id*, operator = =, constant = *A*.

Transaction 2:

- Message 1: Request the additional code with query space field = *ADDITIONAL CODE.ADDITIONAL CODE REF.Additional code sid*, operator = =, constant = *1*.

Transaction 3:

- Message 1: Request the agricultural duty expression with query space field = *AGRICULTURAL DUTY EXPRESSION.AGRICULTURAL DUTY EXPRESSION REF.DUTY EXPRESSION REF.Duty expression id*, operator = =, constant = *33*.

Transaction 4:

- Message 1: Request the agricultural measure validation rule with query space field = *AGRICULTURAL MEASURE VALIDATION RULE.AGRICULTURAL MEASURE VALIDATION RULE REF.Agricultural measure validation rule sid*, operator = =, constant = *001000*.

Transaction 5:

- Message 1: Request the certificate type with query space field = *CERTIFICATE TYPE.CERTIFICATE TYPE REF.Certificate type code*, operator = =, constant = *C*.

Transaction 6:

- Message 1: Request the certificate with query space field = *CERTIFICATE.CERTIFICATE REF.Certificate code*, operator = =, constant = *CC1*.

Transaction 7:

- Message 1: Request the country with query space field = *COUNTRY.COUNTRY REF.LOGICAL KEY.Country id*, operator = =, constant = *FR*.

Transaction 8:

- Message 1: Request the country group with query space field = *COUNTRY GROUP.COUNTRY GROUP REF.Country group sid*, operator = =, constant = *7*.

Transaction 9:

- Message 1: Request the duty expression with query space field = *DUTY EXPRESSION.DUTY EXPRESSION REF.Duty expression id*, operator = =, constant = *71*.

Transaction 10:

- Message 1: Request the dynamic footnote association rule with query space field = *DYNAMIC FOOTNOTE ASSOCIATION RULE.DYNAMIC FOOTNOTE ASSOCIATION RULE REF.FOOTNOTE REF.Footnote type id*, operator = =, constant = *ACF*.

Transaction 11:

- Message 1: Request the export refund nomenclature with query space field = *EXPORT REFUND NOMENCLATURE.EXPORT REFUND NOMENCLATURE REF.Export refund nomenclature sid*, operator = =, constant = *0100000000*.

Transaction 12:

- Message 1: Request the footnote type with query space field = *FOOTNOTE TYPE.FOOTNOTE TYPE REF.Footnote type id*, operator = =, constant = *RRR*.

Transaction 13:

- Message 1: Request the footnote with query space field = *FOOTNOTE.FOOTNOTE REF.Footnote type id*, operator = =, constant = *ACD*.

Transaction 14:

- Message 1: Request the goods nomenclature with query space field = *GOODS NOMENCLATURE.GOODS NOMENCLATURE REF.Goods nomenclature sid*,

operator = =, constant = *0500000000*.

Transaction 15:

- Message 1: Request the language with query space field = *LANGUAGE.LANGUAGE REF.Language id*, operator = =, constant = *DD*.

Transaction 16:

- Message 1: Request the legal regulation with query space field = *LEGAL REGULATION.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0800010*.

Transaction 17:

- Message 1: Request the measure action code with query space field = *MEASURE ACTION CODE.MEASURE ACTION CODE REF.Action code*, operator = =, constant = *300*.

Transaction 18:

- Message 1: Request the measure condition code with query space field = *MEASURE CONDITION CODE.MEASURE CONDITION CODE REF.Condition code*, operator = =, constant = *TH*.

Transaction 19:

- Message 1: Request the measure with query space field = *MEASURE.MEASURE REF.Measure sid*, operator = =, constant = *002000*.

Transaction 20:

- Message 1: Request the measure type with query space field = *MEASURE TYPE.MEASURE TYPE REF.Measure type id*, operator = =, constant = *700000*.

Transaction 21:

- Message 1: Request the measure type series with query space field = *MEASURE TYPE SERIES.MEASURE TYPE SERIES REF.Measure type series id*, operator = =, constant = *SA*.

Transaction 22:

- Message 1: Request the measure agricultural duty expression rule with query space field = *MEASURE AGRICULTURAL DUTY EXPRESSION RULE.MEASURE AGRICULTURAL DUTY EXPRESSION RULE REF.Measure agricultural duty expression rule sid*, operator = =, constant = *001000*.

Transaction 23:

- Message 1: Request the measurement unit with query space field = *MEASUREMENT UNIT.MEASUREMENT UNIT REF.Measurement unit code*, operator = =, constant = *VTT*.

Transaction 24:

- Message 1: Request the measurement unit qualifier with query space field = *MEASUREMENT UNIT QUALIFIER.MEASUREMENT UNIT QUALIFIER REF.Measurement unit qualifier code*, operator = =, constant = *Z.*

Transaction 25:

- Message 1: Request the meursing table plan with query space field = *MEURSING TABLE PLAN.MEURSING TABLE PLAN REF.Meursing table plan id*, operator = =, constant = *01*.

Transaction 26:

- Message 1: Request the monetary exchange with query space field = *MONETARY EXCHANGE.MONETARY EXCHANGE REF.Monetary exchange sid*, operator = =, constant = *1*.

Transaction 27:

- Message 1: Request the monetary unit with query space field = *MONETARY UNIT.MONETARY UNIT REF.Monetary unit code*, operator = =, constant = *LOL*.

Transaction 28:

- Message 1: Request the nomenclature group with query space field = *NOMENCLATURE GROUP.NOMENCLATURE GROUP REF.Nomenclature group type id*, operator = =, constant = *Z*.

Transaction 29:

- Message 1: Request the publication sigle with query space field = *PUBLICATION SIGLE.PUBLICATION SIGLE REF.Publication sigle sid*, operator = =, constant = *111*.

Transaction 30:

- Message 1: Request the base regulation with query space field = *BASE REGULATION.BASE REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 31:

- Message 1: Request the modification regulation with query space field = *MODIFICATION REGULATION.MODIFICATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801040*.

Transaction 33:

- Message 1: Request the fts regulation with query space field = *FTS REGULATION.FTS REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator

= =, constant = *R0801061*.

Transaction 34:

- Message 1: Request the explicit abrogation regulation with query space field = *EXPLICIT ABROGATION REGULATION.ABROGATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 35:

- Message 1: Request the complete abrogation regulation with query space field = *COMPLETE ABROGATION REGULATION.ABROGATION REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0801030*.

Transaction 36:

- Message 1: Request the regulation group with query space field = *REGULATION GROUP.REGULATION GROUP REF.Regulation group id*, operator = =, constant = *ATH*.

Transaction 37:

- Message 1: Request the regulation role type with query space field = *REGULATION ROLE TYPE.REGULATION ROLE TYPE REF.Regulation role type id*, operator = =, constant = *2*.

Transaction 38:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *110*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : OK.

Reply to transaction 3:

- Message 1 : OK.

Reply to transaction 4:

- Message 1 : OK.

Reply to transaction 5:

- Message 1 : OK.

Reply to transaction 6:

- Message 1 : OK.

Reply to transaction 7:

- Message 1 : OK.

Reply to transaction 8:

- Message 1 : OK.

Reply to transaction 9:

- Message 1 : OK.

Reply to transaction 10:

- Message 1 : OK.

Reply to transaction 11:

- Message 1 : OK.

Reply to transaction 12:

- Message 1 : OK.

Reply to transaction 13:

- Message 1 : OK.

Reply to transaction 14:

- Message 1 : OK.

Reply to transaction 15:

- Message 1 : OK.

Reply to transaction 16:

- Message 1 : OK.

Reply to transaction 17:

- Message 1 : OK.

Reply to transaction 18:

- Message 1 : OK.

Reply to transaction 19:

- Message 1 : OK.

Reply to transaction 20:

- Message 1 : OK.

Reply to transaction 21:

- Message 1 : OK.

Reply to transaction 22:

- Message 1 : OK.

Reply to transaction 23:

- Message 1 : OK.

Reply to transaction 24:

- Message 1 : OK.

Reply to transaction 25:

- Message 1 : OK.

Reply to transaction 26:

- Message 1 : OK.

Reply to transaction 27:

- Message 1 : OK.

Reply to transaction 28:

- Message 1 : OK.

Reply to transaction 29:

- Message 1 : OK.

Reply to transaction 30:

- Message 1 : OK.

Reply to transaction 31:

- Message 1 : OK.

Reply to transaction 33:

- Message 1 : OK.

Reply to transaction 34:

- Message 1 : OK.

Reply to transaction 35:

- Message 1 : OK.

Reply to transaction 36:

- Message 1 : OK.

Reply to transaction 37:

- Message 1 : OK.

Reply to transaction 38:

- Message 1 : OK.

2.4.4. Taric3 security update

Message   sec_taric3_la_update_01.xml

Prerequisite   Make sure the message sec_taric3_la_query_03.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable additional code type with additional code type id = *A*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description =

French Description updated.

- o description 3: language id = *NL*, description = *Dutch Description updated.*

application code = *1*.

Transaction 2:

- Message 1: Update the stable additional code with additional code type id = *1*, additional code id = *111*, start date = *2008-02-01*, additional code sid = *1*, end date = *2009-02-01*:

    - o description period 1: start date = *2008-02-01*:

        - ▪ description 1: language id = *EN*, description = *English description updated.*

        - ▪ description 2: language id = *FR*, description = *French description updated.*

        - ▪ description 3: language id = *NL*, description = *Dutch description updated*.

Transaction 3:

- Message 1: Update the stable agricultural duty expression with duty expression id = *33*, start date = *2008-01-02*, measure type id = *001000*, reduction type = *N*.

Transaction 4:

- Message 1: Update the unstable agricultural measure validation rule with measure type id = *001000*, geographical area id = *BE*, start date = *2000-01-02*, agricultural measure validation rule sid = *01*, maximum value reduction indicator = *9*.

Transaction 5:

- Message 1: Update the unstable certificate type with certificate type code = *C*:

    - o description 1: language id = *EN*, description = *English Description updated*.

    - o description 2: language id = *FR*, description = *French Description updated*.

    - o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 6:

- Message 1: Update the unstable certificate with certificate type code = *Z*, certificate code = *CC1*, start

date = *2009-01-01*:

- o   description period 1: start date = *2009-01-01*:

  - ▪   description 1: language id = *EN*, description = *English Description updated*.

  - ▪   description 2: language id = *FR*, description = *French Description updated*.

  - ▪   description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 7:

- •   Message 1: Update the stable country with country id = *FR*, start date = *2008-01-01*, country sid = *1*, area code = *0*:

  - o   description period 1: start date = *2008-01-01*:

    - ▪   description 1: language id = *EN*, description = *English Description of FR updated*.

    - ▪   description 2: language id = *FR*, description = *French Description of FR updated*.

    - ▪   description 3: language id = *NL*, description = *Dutch Description of FR updated*.

Transaction 8:

- •   Message 1: Update the unstable country group with country group id = *GG00*, start date = *2008-01-01*, country group sid = *7*, area code = *1*:

  - o   description period 1: start date = *2008-01-01*:

    - ▪   description 1: language id = *EN*, description = *English description country group updated*.

    - ▪   description 2: language id = *FR*, description = *French description country group updated*.

    - ▪   description 3: language id = *NL*, description = *Dutch description country group updated*.

Transaction 9:

- Message 1: Update the unstable duty expression with duty expression id = *71*:

  o description 1: language id = *EN*, description = *English description of the duty expression updated*.

  o description 2: language id = *FR*, description = *French description of the duty expression updated*.

  o description 3: language id = *NL*, description = *Dutch Description of the duty expression updated*.

  duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 10:

- Message 1: Update the unstable dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*, start date = *2008-01-01*, condition code = *JA*, action code = *302*.

Transaction 11:

- Message 1: Update the stable export refund nomenclature with goods nomenclature id = *0100000000*, productline suffix = *80*, additional code type id = *B*, export refund code = *010*, productline suffix = *80*, start date = *2008-01-01*, export refund nomenclature sid = *1*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description updated*.

    ▪ description 2: language id = *FR*, description = *French Description updated*.

    ▪ description 3: language id = *NL*, description = *Dutch Description updated*.

  o indent 1: indent sid = *1*, start date = *2008-01-01*, indent number = *1*.

Transaction 12:

- Message 1: Update the stable footnote type with footnote

type id = *RRR*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

application code = *1*.

Transaction 13:

- Message 1: Update the stable footnote with footnote type id = *ACD*, footnote id = *01000*, start date = *2008-01-01*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description updated*.

    ▪ description 2: language id = *FR*, description = *French Description updated*.

    ▪ description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 14:

- Message 1: Update the stable goods nomenclature with goods nomenclature id = *0500000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *2*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description of goods nomenclature updated*.

    ▪ description 2: language id = *FR*, description = *French Description of goods nomenclature updated*.

    ▪ description 3: language id = *NL*, description = *Dutch Description of goods nomenclature updated*.

  o indent 1: indent sid = *2*, start date = *2008-01-01*, indent number = *2*.

statistical indicator = *0*.

Transaction 15:

- Message 1: Update the stable legal regulation with regulation id = *R0800010*, published date = *2000-01-02*, official journal number = *AAAAA*, official journal page = *1234*.

Transaction 16:

- Message 1: Update the stable measure action code with action code = *300*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description of MAC300 updated*.

    o description 2: language id = *FR*, description = *French Description of MAC302 updated*.

    o description 3: language id = *NL*, description = *Dutch Description of MAC302 updated*.

Transaction 17:

- Message 1: Update the unstable measure condition code with condition code = *TH*:

    o description 1: language id = *EN*, description = *English Description of MCCJA updated*.

    o description 2: language id = *FR*, description = *French Description of MCCJA updated*.

    o description 3: language id = *NL*, description = *Dutch Description of MCCJA updated*.

Transaction 18:

- Message 1: Update the unstable measure with measure type id = *002000*, geographical area id = *BE*, order number = *094003*, reduction indicator = *1*, start date = *2008-01-01*, measure sid = *1*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 19:

- Message 1: Update the stable measure type with measure type id = *700000*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description updated*.

    o description 2: language id = *FR*, description = *French Description updated*.

    o description 3: language id = *NL*, description = *Dutch Description updated*.

    measure type series id = *AA*, trade movement code = *1*,

measure explosion level = *2*, measure component applicable code = *0*, order number capture code = *2*, accepted via input bridge = *1*.

Transaction 20:

- Message 1: Update the stable measure type series with measure type series id = *SA*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description updated*.

    o description 2: language id = *FR*, description = *French Description updated*.

    o description 3: language id = *NL*, description = *Dutch Description updated*.

    measure type combination = *0*.

Transaction 21:

- Message 1: Update the unstable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *IT*, start date = *2000-01-02*, measure agricultural duty expression rule sid = *7*.

Transaction 22:

- Message 1: Update the stable measurement unit with measurement unit code = *VTT*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description updated*.

    o description 2: language id = *FR*, description = *French Description updated*.

    o description 3: language id = *NL*, description = *Dutch Description updated*.

    measurement unit qualifier code = *H*.

    qualifier required = *1*.

Transaction 23:

- Message 1: Update the stable measurement unit qualifier with measurement unit qualifier code = *Z*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description updated*.

    o description 2: language id = *FR*, description = *French Description updated*.

o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 24:

- Message 1: Update the unstable meursing table plan with meursing table plan id = *01*, start date = *2008-01-01*.

Transaction 25:

- Message 1: Update the stable monetary unit with monetary unit code = *EUR*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 26:

- Message 1: Update the stable monetary unit with monetary unit code = *LOL*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 27:

- Message 1: Update the stable nomenclature group with nomenclature group type id = *Z*, nomenclature group id = *010101*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

nomenclature group facility code = *0*.

Transaction 28:

- Message 1: Update the stable publication sigle with code type id = *MOU*, code = *EUR*, start date = *2000-01-02*, publication sigle sid = *111*, end date = *2001-01-01*, publication code = *0*.

Transaction 29:

- Message 1: Update the unstable base regulation with regulation id = *R0801030*, regulation role type = *1*, start date = *2000-01-01*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

Transaction 30:

- Message 1: Update the unstable modification regulation with regulation id = *R0801040*, regulation role type = *4*, start date = *2009-12-02*, end date = *2010-12-01*, regulation id = *R0801010*, regulation role type = *1*, approved flag = *1*.

Transaction 31:

- Message 1: Update the stable prorogation regulation with regulation id = *R0801050*, regulation role type = *5*, replacement indicator = *0*, approved flag = *1*.

Transaction 32:

- Message 1: Update the unstable fts regulation with regulation id = *R0801061*, regulation role type = *8*, start date = *2008-03-02*, end date = *2008-12-31*, approved flag = *1*.

Transaction 33:

- Message 1: Update the stable explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*, abrogation date = *2009-01-01*, replacement indicator = *0*, approved flag = *1*.

Transaction 34:

- Message 1: Update the stable complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*, replacement indicator = *0*, approved flag = *1*.

Transaction 35:

- Message 1: Update the unstable regulation group with regulation group id = *ATH*:

  o description 1: language id = *EN*, description = *English description updated*.

  o description 2: language id = *FR*, description = *French description updated*.

  o description 3: language id = *NL*, description = *Dutch description updated*.

Transaction 36:

- Message 1: Update the stable regulation role type with regulation role type id = *2*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description =

English Description updated.

- o description 2: language id = *FR*, description = *French Description updated.*

- o description 3: language id = *NL*, description = *Dutch Description updated.*

Transaction 37:

- Message 1: Update the stable transmission comment with transmission comment sid = *110*:

  - o description 1: language id = *EN*, description = *English Description updated.*

  - o description 2: language id = *FR*, description = *French Description updated.*

  - o description 3: language id = *NL*, description = *Dutch Description updated.*

keyword = *KeywordTC110*.

Transaction 38:

- Message 1: Update the stable language with language id = *DD*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *English Description of DD updated.*

  - o description 2: language id = *FR*, description = *Description francaise of DD updated.*

  - o description 3: language id = *NL*, description = *Dutch decription of DD updated.*

Expected output	The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 2:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 3:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 4:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 5:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 6:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 7:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 8:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 9:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 10:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 11:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 12:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 13:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 14:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 15:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 16:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 17:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 18:

- Message 1 : GEN-AUTHORISATION-ERROR: The

user is not authorised to perform the update operation.

Reply to transaction 19:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 20:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 21:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 22:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 23:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 24:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 25:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 26:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 27:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 28:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 29:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 30:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 31:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 32:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 33:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 34:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 35:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 36:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 37:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 38:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Message   sec_taric3_la_update_02.xml

Prerequisite   Make sure the message sec_taric3_la_update_01.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable additional code type with additional code type id = *A*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *English Description updated*.

    o description 2: language id = *FR*, description = *French Description updated*.

    o description 3: language id = *NL*, description = *Dutch Description updated*.

    application code = *1*.

Transaction 2:

- Message 1: Update the stable additional code with additional code type id = *1*, additional code id = *111*,

start date = *2008-02-01*, additional code sid = *1*, end date = *2009-02-01*:

- o description period 1: start date = *2008-02-01*:

    - ▪ description 1: language id = *EN*, description = *English description updated*.

    - ▪ description 2: language id = *FR*, description = *French description updated*.

    - ▪ description 3: language id = *NL*, description = *Dutch description updated*.

Transaction 3:

- Message 1: Update the stable agricultural duty expression with duty expression id = *33*, start date = *2008-01-01*, end date = *2009-01-01*, measure type id = *001000*, reduction type = *N*.

Transaction 4:

- Message 1: Update the unstable agricultural measure validation rule with measure type id = *001000*, geographical area id = *BE*, start date = *2000-01-02*, agricultural measure validation rule sid = *01*, maximum value reduction indicator = *9*.

Transaction 5:

- Message 1: Update the unstable certificate type with certificate type code = *C*:

    - o description 1: language id = *EN*, description = *English Description updated*.

    - o description 2: language id = *FR*, description = *French Description updated*.

    - o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 6:

- Message 1: Update the unstable certificate with certificate type code = *Z*, certificate code = *CC1*, start date = *2009-01-01*:

    - o description period 1: start date = *2009-01-01*:

        - ▪ description 1: language id = *EN*, description = *English Description updated*.

        - ▪ description 2: language id = *FR*, description = *French Description*

updated.

- ▪ description 3: language id = *NL*, description = *Dutch Description updated.*

Transaction 7:

- • Message 1: Update the stable country with country id = *FR*, start date = *2008-01-01*, country sid = *1*, area code = *0*:

  - o description period 1: start date = *2008-01-01*:

    - ▪ description 1: language id = *EN*, description = *English Description of FR updated.*

    - ▪ description 2: language id = *FR*, description = *French Description of FR updated.*

    - ▪ description 3: language id = *NL*, description = *Dutch Description of FR updated.*

Transaction 8:

- • Message 1: Update the unstable country group with country group id = *GG00*, start date = *2008-01-01*, country group sid = *7*, area code = *1*:

  - o description period 1: start date = *2008-01-01*:

    - ▪ description 1: language id = *EN*, description = *English description country group updated.*

    - ▪ description 2: language id = *FR*, description = *French description country group updated.*

    - ▪ description 3: language id = *NL*, description = *Dutch description country group updated.*

Transaction 9:

- • Message 1: Update the unstable duty expression with duty expression id = *71*:

  - o description 1: language id = *EN*, description = *English description of the duty expression updated.*

  - o description 2: language id = *FR*, description = *French description of the duty expression*

updated.

- o description 3: language id = *NL*, description = *Dutch Description of the duty expression updated*.

duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code = *0*.

Transaction 10:

- Message 1: Update the unstable dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*, start date = *2008-01-01*, condition code = *JA*, action code = *302*.

Transaction 11:

- Message 1: Update the stable export refund nomenclature with goods nomenclature id = *0100000000*, productline suffix = *80*, additional code type id = *B*, export refund code = *010*, productline suffix = *80*, start date = *2008-01-01*, export refund nomenclature sid = *1*:

  - o description period 1: start date = *2008-01-01*:

    - description 1: language id = *EN*, description = *English Description updated*.

    - description 2: language id = *FR*, description = *French Description updated*.

    - description 3: language id = *NL*, description = *Dutch Description updated*.

  - o indent 1: indent sid = *1*, start date = *2008-01-01*, indent number = *1*.

Transaction 12:

- Message 1: Update the stable footnote type with footnote type id = *RRR*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description = *English Description updated*.

  - o description 2: language id = *FR*, description = *French Description updated*.

  - o description 3: language id = *NL*, description = *Dutch Description updated*.

application code = *1*.
Transaction 13:

- Message 1: Update the stable footnote with footnote type id = *ACD*, footnote id = *01000*, start date = *2008-01-01*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description updated*.

    ▪ description 2: language id = *FR*, description = *French Description updated*.

    ▪ description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 14:

- Message 1: Update the stable goods nomenclature with goods nomenclature id = *0500000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *2*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description of goods nomenclature updated*.

    ▪ description 2: language id = *FR*, description = *French Description of goods nomenclature updated*.

    ▪ description 3: language id = *NL*, description = *Dutch Description of goods nomenclature updated*.

  o indent 1: indent sid = *2*, start date = *2008-01-01*, indent number = *2*.

statistical indicator = *0*.
Transaction 15:

- Message 1: Update the stable legal regulation with regulation id = *R0800010*, published date = *2000-01-02*, official journal number = *AAAAA*, official journal page = *1234*.

Transaction 16:

- Message 1: Update the stable measure action code with

action code = *300*, start date = *2008-01-01*:

- o description 1: language id = *EN*, description = *English Description of MAC300 updated*.

- o description 2: language id = *FR*, description = *French Description of MAC302 updated*.

- o description 3: language id = *NL*, description = *Dutch Description of MAC302 updated*.

Transaction 17:

- Message 1: Update the unstable measure condition code with condition code = *TH*:

  - o description 1: language id = *EN*, description = *English Description of MCCJA updated*.

  - o description 2: language id = *FR*, description = *French Description of MCCJA updated*.

  - o description 3: language id = *NL*, description = *Dutch Description of MCCJA updated*.

Transaction 18:

- Message 1: Update the unstable measure with measure type id = *002000*, geographical area id = *BE*, goods nomenclature id = *0900000000*, productline suffix = *80*, order number = *094002*, start date = *2008-01-01*, measure sid = *1*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 19:

- Message 1: Update the stable measure type with measure type id = *700000*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description = *English Description updated*.

  - o description 2: language id = *FR*, description = *French Description updated*.

  - o description 3: language id = *NL*, description = *Dutch Description updated*.

measure type series id = *AA*, trade movement code = *1*, measure explosion level = *2*, measure component applicable code = *0*, order number capture code = *2*, accepted via input bridge = *1*.

Transaction 20:

- Message 1: Update the stable measure type series with measure type series id = *SA*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description =

English Description updated.

  o description 2: language id = *FR*, description =
    French Description updated.

  o description 3: language id = *NL*, description =
    Dutch Description updated.

measure type combination = *0*.

Transaction 21:

- Message 1: Update the stable measure agricultural duty
  expression rule with measure type id = *001000*,
  geographical area id = *IT*, start date = *2008-01-01*,
  measure agricultural duty expression rule sid = *7*, end
  date = *2009-01-01*.

Transaction 22:

- Message 1: Update the stable measurement unit with
  measurement unit code = *VTT*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description =
    English Description updated.

  o description 2: language id = *FR*, description =
    French Description updated.

  o description 3: language id = *NL*, description =
    Dutch Description updated.

  measurement unit qualifier code = *H*.

qualifier required = *1*.

Transaction 23:

- Message 1: Update the stable measurement unit qualifier
  with measurement unit qualifier code = *Z*, start date =
  2008-01-01:

  o description 1: language id = *EN*, description =
    English Description updated.

  o description 2: language id = *FR*, description =
    French Description updated.

  o description 3: language id = *NL*, description =
    Dutch Description updated.

Transaction 24:

- Message 1: Update the unstable meursing table plan with
  meursing table plan id = *01*, start date = *2008-01-01*.

Transaction 25:

- Message 1: Update the stable monetary unit with monetary unit code = *EUR*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 26:

- Message 1: Update the stable monetary unit with monetary unit code = *LOL*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 27:

- Message 1: Update the stable nomenclature group with nomenclature group type id = *Z*, nomenclature group id = *010101*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

  nomenclature group facility code = *0*.

Transaction 28:

- Message 1: Update the stable publication sigle with code type id = *MOU*, code = *EUR*, start date = *2000-01-02*, publication sigle sid = *111*, end date = *2001-01-01*, publication code = *0*.

Transaction 29:

- Message 1: Update the unstable base regulation with regulation id = *R0801030*, regulation role type = *1*, start date = *2000-01-01*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

Transaction 30:

- Message 1: Update the unstable modification regulation with regulation id = *R0801040*, regulation role type = *4*, start date = *2009-12-02*, end date = *2010-12-01*, regulation id = *R0801010*, regulation role type = *1*, approved flag = *1*.

Transaction 31:

- Message 1: Update the stable prorogation regulation with regulation id = *R0801050*, regulation role type = *5*, replacement indicator = *0*, approved flag = *1*.

Transaction 32:

- Message 1: Update the unstable fts regulation with regulation id = *R0801061*, regulation role type = *8*, start date = *2008-03-02*, end date = *2008-12-31*, approved flag = *1*.

Transaction 33:

- Message 1: Update the stable explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*, abrogation date = *2009-01-01*, replacement indicator = *0*, approved flag = *1*.

Transaction 34:

- Message 1: Update the stable complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*, replacement indicator = *0*, approved flag = *1*.

Transaction 35:

- Message 1: Update the unstable regulation group with regulation group id = *ATH*:

    o description 1: language id = *EN*, description = *English description updated*.

    o description 2: language id = *FR*, description = *French description updated*.

    o description 3: language id = *NL*, description = *Dutch description updated*.

Transaction 36:

- Message 1: Update the stable regulation role type with regulation role type id = *2*, start date = *2008-01-01*:

    o description 1: language id = *EN*, description = *English Description updated*.

    o description 2: language id = *FR*, description = *French Description updated*.

    o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 37:

- Message 1: Update the stable transmission comment with transmission comment sid = *110*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

  keyword = *KeywordTC110.*

Transaction 38:

- Message 1: Update the stable language with language id = *DD*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of DD updated*.

  o description 2: language id = *FR*, description = *Description francaise of DD updated*.

  o description 3: language id = *NL*, description = *Dutch decription of DD updated*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 2:
- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 3:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 4:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 5:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 6:

- Message 1 : GEN-AUTHORISATION-ERROR: The

user is not authorised to perform the update operation.

Reply to transaction 7:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 8:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 9:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 10:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 11:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 12:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 13:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 14:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 15:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 16:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 17:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 18:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 19:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 20:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 21:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 22:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 23:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 24:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 25:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 26:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 27:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 28:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 29:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 30:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 31:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 32:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 33:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 34:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 35:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 36:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 37:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Reply to transaction 38:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the update operation.

Message   sec_taric3_la_update_03.xml

Prerequisite   Make sure the message sec_taric3_la_update_02.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable additional code type with additional code type id = *A*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *English Description updated*.

    o description 2: language id = *FR*, description = *French Description updated*.

    o description 3: language id = *NL*, description = *Dutch Description updated*.

    application code = *1*.

Transaction 2:

- Message 1: Update the stable additional code with additional code type id = *1*, additional code id = *111*, start date = *2008-02-01*, additional code sid = *1*, end date = *2009-02-01*:

    o description period 1: start date = *2008-02-01*:

        ▪ description 1: language id = *EN*, description = *English description*

updated.

- description 2: language id = *FR*, description = *French description updated*.

- description 3: language id = *NL*, description = *Dutch description updated*.

Transaction 3:

- Message 1: Update the stable agricultural duty expression with duty expression id = *33*, start date = *2008-01-01*, end date = *2009-01-01*, measure type id = *001000*, reduction type = *N*.

Transaction 4:

- Message 1: Update the unstable agricultural measure validation rule with measure type id = *001000*, geographical area id = *BE*, start date = *2000-01-02*, agricultural measure validation rule sid = *01*, maximum value reduction indicator = *9*.

Transaction 5:

- Message 1: Update the unstable certificate type with certificate type code = *C*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 6:

- Message 1: Update the unstable certificate with certificate type code = *Z*, certificate code = *CC1*, start date = *2009-01-01*:

  o description period 1: start date = *2009-01-01*:

    - description 1: language id = *EN*, description = *English Description updated*.

    - description 2: language id = *FR*, description = *French Description updated*.

    - description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 7:

- Message 1: Update the stable country with country id = *FR*, start date = *2008-01-01*, country sid = *1*, area code = *0*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description of FR updated*.

    ▪ description 2: language id = *FR*, description = *French Description of FR updated*.

    ▪ description 3: language id = *NL*, description = *Dutch Description of FR updated*.

Transaction 8:

- Message 1: Update the unstable country group with country group id = *GG00*, start date = *2008-01-01*, country group sid = *7*, area code = *1*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English description country group updated*.

    ▪ description 2: language id = *FR*, description = *French description country group updated*.

    ▪ description 3: language id = *NL*, description = *Dutch description country group updated*.

Transaction 9:

- Message 1: Update the unstable duty expression with duty expression id = *71*:

  o description 1: language id = *EN*, description = *English description of the duty expression updated*.

  o description 2: language id = *FR*, description = *French description of the duty expression updated*.

  o description 3: language id = *NL*, description = *Dutch Description of the duty expression updated*.

  duty amount applicability code = *0*, measurement unit applicability code = *0*, monetary unit applicability code =

0.

Transaction 10:

- Message 1: Update the unstable dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*, start date = *2008-01-01*, condition code = *JA*, action code = *302*.

Transaction 11:

- Message 1: Update the stable export refund nomenclature with goods nomenclature id = *0100000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *1*, additional code type id = *B*, export refund code = *010*, productline suffix = *80*, start date = *2008-01-01*, export refund nomenclature sid = *1*:

  o description period 1: start date = *2008-01-01*:

    ▪ description 1: language id = *EN*, description = *English Description updated*.

    ▪ description 2: language id = *FR*, description = *French Description updated*.

    ▪ description 3: language id = *NL*, description = *Dutch Description updated*.

  o indent 1: indent sid = *1*, start date = *2008-01-01*, indent number = *1*.

Transaction 12:

- Message 1: Update the stable footnote type with footnote type id = *RRR*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

  application code = *1*.

Transaction 13:

- Message 1: Update the stable footnote with footnote type id = *ACD*, footnote id = *01000*, start date = *2008-01-01*:

- o description period 1: start date = *2008-01-01*:

  - ▪ description 1: language id = *EN*, description = *English Description updated*.

  - ▪ description 2: language id = *FR*, description = *French Description updated*.

  - ▪ description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 14:

- • Message 1: Update the stable goods nomenclature with goods nomenclature id = *0500000000*, productline suffix = *80*, start date = *2008-01-01*, goods nomenclature sid = *2*:

  - o description period 1: start date = *2008-01-01*:

    - ▪ description 1: language id = *EN*, description = *English Description of goods nomenclature updated*.

    - ▪ description 2: language id = *FR*, description = *French Description of goods nomenclature updated*.

    - ▪ description 3: language id = *NL*, description = *Dutch Description of goods nomenclature updated*.

  - o indent 1: indent sid = *3*, start date = *2008-01-01*, indent number = *2*.

  statistical indicator = *0*.

Transaction 15:

- • Message 1: Update the stable legal regulation with regulation id = *R0800010*, published date = *2000-01-02*, official journal number = *AAAAA*, official journal page = *1234*.

Transaction 16:

- • Message 1: Update the stable measure action code with action code = *300*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description = *English Description of MAC300 updated*.

  - o description 2: language id = *FR*, description =

French Description of MAC302 updated.

- o description 3: language id = *NL*, description = *Dutch Description of MAC302 updated*.

Transaction 17:

- Message 1: Update the unstable measure condition code with condition code = *TH*:

  - o description 1: language id = *EN*, description = *English Description of MCCJA updated*.

  - o description 2: language id = *FR*, description = *French Description of MCCJA updated*.

  - o description 3: language id = *NL*, description = *Dutch Description of MCCJA updated*.

Transaction 18:

- Message 1: Update the unstable measure with measure type id = *002000*, geographical area id = *BE*, goods nomenclature id = *0900000000*, productline suffix = *80*, order number = *094002*, start date = *2008-01-01*, measure sid = *1*, regulation id = *R0801010*, regulation role type = *1*.

Transaction 19:

- Message 1: Update the stable measure type with measure type id = *700000*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description = *English Description updated*.

  - o description 2: language id = *FR*, description = *French Description updated*.

  - o description 3: language id = *NL*, description = *Dutch Description updated*.

  measure type series id = *AA*, trade movement code = *1*, measure explosion level = *2*, measure component applicable code = *0*, order number capture code = *2*, accepted via input bridge = *1*.

Transaction 20:

- Message 1: Update the stable measure type series with measure type series id = *SA*, start date = *2008-01-01*:

  - o description 1: language id = *EN*, description = *English Description updated*.

  - o description 2: language id = *FR*, description = *French Description updated*.

  - o description 3: language id = *NL*, description =

Dutch Description updated.

measure type combination = *0*.

Transaction 21:

- Message 1: Update the stable measure agricultural duty expression rule with measure type id = *001000*, geographical area id = *IT*, start date = *2008-01-01*, measure agricultural duty expression rule sid = *7*, end date = *2009-01-01*.

Transaction 22:

- Message 1: Update the stable measurement unit with measurement unit code = *VTT*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

  measurement unit qualifier code = *H*.

  qualifier required = *1*.

Transaction 23:

- Message 1: Update the stable measurement unit qualifier with measurement unit qualifier code = *Z*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 24:

- Message 1: Update the unstable meursing table plan with meursing table plan id = *01*, start date = *2008-01-01*.

Transaction 25:

- Message 1: Update the stable monetary unit with monetary unit code = *EUR*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description =
     French Description updated.

  o description 3: language id = *NL*, description =
     Dutch Description updated.

Transaction 26:

- Message 1: Update the stable monetary unit with
  monetary unit code = *LOL*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description =
     English Description updated.

  o description 2: language id = *FR*, description =
     French Description updated.

  o description 3: language id = *NL*, description =
     Dutch Description updated.

Transaction 27:

- Message 1: Update the stable nomenclature group with
  nomenclature group type id = *Z*, nomenclature group id =
  010101, start date = *2008-01-01*:

  o description 1: language id = *EN*, description =
     English Description updated.

  o description 2: language id = *FR*, description =
     French Description updated.

  o description 3: language id = *NL*, description =
     Dutch Description updated.

  nomenclature group facility code = *0*.

Transaction 28:

- Message 1: Update the stable publication sigle with code
  type id = *MOU*, code = *EUR*, start date = *2000-01-02*,
  publication sigle sid = *111*, end date = *2001-01-01*,
  publication code = *0*.

Transaction 29:

- Message 1: Update the unstable base regulation with
  regulation id = *R0801030*, regulation role type = *1*, start
  date = *2000-01-01*, community code = *1*, regulation
  group id = *GGA*, approved flag = *1*.

Transaction 30:

- Message 1: Update the unstable modification regulation
  with regulation id = *R0801040*, regulation role type = *4*,
  start date = *2009-12-02*, end date = *2010-12-01*,
  regulation id = *R0801010*, regulation role type = *1*,
  approved flag = *1*.

Transaction 31:

- Message 1: Update the stable prorogation regulation with regulation id = *R0801050*, regulation role type = *5*, replacement indicator = *0*, approved flag = *1*.

Transaction 32:

- Message 1: Update the unstable fts regulation with regulation id = *R0801061*, regulation role type = *8*, start date = *2008-03-02*, end date = *2008-12-31*, approved flag = *1*.

Transaction 33:

- Message 1: Update the stable explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*, abrogation date = *2009-01-01*, replacement indicator = *0*, approved flag = *1*.

Transaction 34:

- Message 1: Update the stable complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*, replacement indicator = *0*, approved flag = *1*.

Transaction 35:

- Message 1: Update the unstable regulation group with regulation group id = *ATH*:

  o description 1: language id = *EN*, description = *English description updated*.

  o description 2: language id = *FR*, description = *French description updated*.

  o description 3: language id = *NL*, description = *Dutch description updated*.

Transaction 36:

- Message 1: Update the stable regulation role type with regulation role type id = *2*, start date = *2008-01-01*:

  o description 1: language id = *EN*, description = *English Description updated*.

  o description 2: language id = *FR*, description = *French Description updated*.

  o description 3: language id = *NL*, description = *Dutch Description updated*.

Transaction 37:

- Message 1: Update the stable transmission comment with transmission comment sid = *110*:

  o description 1: language id = *EN*, description = *English Description updated*.

   o description 2: language id = *FR*, description =
      French Description updated.

   o description 3: language id = *NL*, description =
      Dutch Description updated

keyword = *KeywordTC110*.

Transaction 38:

- Message 1: Update the stable language with language id
  = *DD*, start date = *2000-01-01*:

   o description 1: language id = *EN*, description =
      English Description of DD updated.

   o description 2: language id = *FR*, description =
      Description francaise of DD updated.

   o description 3: language id = *NL*, description =
      Dutch decription of DD updated.

**Expected
output**

The message is composed of transactions replying to the original
transactions:

Reply to transaction 1:

- Message 1, on additional.code.type.ref : OK.

Reply to transaction 2:

- Message 1, on additional.code.ref : OK.

Reply to transaction 3:

- Message 1 : OK.

Reply to transaction 4:

- Message 1, on agricultural.measure.validation.rule.ref :
  OK.

Reply to transaction 5:

- Message 1, on certificate.type.ref : OK.

Reply to transaction 6:

- Message 1, on certificate.ref : OK.

Reply to transaction 7:

- Message 1, on country.ref : OK.

Reply to transaction 8:

- Message 1, on country.group.ref : OK.

Reply to transaction 9:

- Message 1, on duty.expression.ref : OK.

Reply to transaction 10:

- Message 1, on dynamic.footnote.association.rule.ref : OK.

Reply to transaction 11:

- Message 1, on export.refund.nomenclature.ref : OK.

Reply to transaction 12:

- Message 1, on footnote.type.ref : OK.

Reply to transaction 13:

- Message 1, on footnote.ref : OK.

Reply to transaction 14:

- Message 1, on goods.nomenclature.ref : OK.

Reply to transaction 15:

- Message 1, on legal.regulation.ref : OK.

Reply to transaction 16:

- Message 1, on measure.action.code.ref : OK.

Reply to transaction 17:

- Message 1, on measure.condition.code.ref : OK.

Reply to transaction 18:

- Message 1, on measure.ref : OK.

Reply to transaction 19:

- Message 1, on measure.type.ref : OK.

Reply to transaction 20:

- Message 1, on measure.type.series.ref : OK.

Reply to transaction 21:

- Message 1, on measure.agricultural.duty.expression.rule.ref : OK.

Reply to transaction 22:

- Message 1, on measurement.unit.ref : OK.

Reply to transaction 23:

- Message 1, on measurement.unit.qualifier.ref : OK.

Reply to transaction 24:

- Message 1, on meursing.table.plan.ref : OK.

Reply to transaction 25:

- Message 1 : OK.

Reply to transaction 26:

- Message 1 : OK.

Reply to transaction 27:

- Message 1, on nomenclature.group.ref : OK.

Reply to transaction 28:

- Message 1, on publication.sigle.ref : OK.

Reply to transaction 29:

- Message 1, on base.regulation.ref : OK.

Reply to transaction 30:

- Message 1, on modification.regulation.ref : OK.

Reply to transaction 31:

- Message 1, on prorogation.regulation.ref : OK.

Reply to transaction 32:

- Message 1, on fts.regulation.ref : OK.

Reply to transaction 33:

- Message 1, on abrogation.regulation.ref : OK.

Reply to transaction 34:

- Message 1, on abrogation.regulation.ref : OK.

Reply to transaction 35:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 36:

- Message 1, on regulation.role.type.ref : OK.

Reply to transaction 37:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 38:

- Message 1, on language.ref : OK.

2.4.5. Taric3 secutity delete

Message	sec_taric3_la_delete_01.xml
Prerequisite	Make sure the message sec_taric3_la_update_03.xml have been correctly processed by the system.
Content	The message is composed of several transactions:

Transaction 1: Transaction 1:

- Message 1: Delete the additional code type with additional code type id = *A*.

Transaction 2:

- Message 1: Delete the additional code with additional

code sid = *1*.

Transaction 3:

- Message 1: Delete the agricultural duty expression with duty expression id = *33*.

Transaction 4:

- Message 1: duty expression id = >, Delete the agricultural measure validation rule with agricultural measure validation rule sid = *01*.

Transaction 5:

- Message 1: Delete the certificate type with certificate type code = *C*.

Transaction 6:

- Message 1: Delete the certificate with certificate type code = *C*, certificate code = *CC1*.

Transaction 7:

- Message 1: Delete the country with country sid = *1*.

Transaction 8:

- Message 1: Delete the country group with country group sid = *7*.

Transaction 9:

- Message 1: Delete the duty expression with duty expression id = *71*.

Transaction 10:

- Message 1: Delete the dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*.

Transaction 11:

- Message 1: Delete the export refund nomenclature with export refund nomenclature sid = *1*.

Transaction 12:

- Message 1: Delete the footnote type with footnote type id = *RRR*.

Transaction 13:

- Message 1: Delete the footnote with footnote type id = *ACD*, footnote id = *01000*.

Transaction 14:

- Message 1: Delete the goods nomenclature with goods nomenclature sid = *2*.

Transaction 15:

- Message 1: Delete the legal regulation with regulation id = *R0800010*.

Transaction 16:

- Message 1: Delete the measure action code with action code = *300*.

Transaction 17:

- Message 1: Delete the measure condition code with condition code = *TH*.

Transaction 18:

- Message 1: Delete the measure with measure sid = *1*.

Transaction 19:

- Message 1: Delete the measure type with measure type id = *700000*.

Transaction 20:

- Message 1: Delete the measure type series with measure type series id = *SA*.

Transaction 21:

- Message 1: Delete the measure agricultural duty expression rule with measure agricultural duty expression rule sid = *7*.

Transaction 22:

- Message 1: Delete the measurement unit with measurement unit code = *VTT*.

Transaction 23:

- Message 1: Delete the measurement unit qualifier with measurement unit qualifier code = *Z*.

Transaction 24:

- Message 1: Delete the meursing table plan with meursing table plan id = *01*.

Transaction 25:

- Message 1: Delete the monetary exchange with monetary exchange sid = *1*.

Transaction 26:

- Message 1: Delete the monetary unit with monetary unit code = *LOL*.

Transaction 27:

- Message 1: Delete the nomenclature group with nomenclature group type id = *Z*, nomenclature group id = *010101*.

Transaction 28:

- Message 1: Delete the publication sigle with publication sigle sid = *111*.

Transaction 29:

- Message 1: Delete the base regulation with regulation id

= *R0801030*, regulation role type = *1*.

Transaction 30:

- Message 1: Delete the modification regulation with regulation id = *R0801040*, regulation role type = *4*.

Transaction 31:

- Message 1: Delete the prorogation regulation with regulation id = *R0801050*, regulation role type = *5*.

Transaction 32:

- Message 1: Delete the fts regulation with regulation id = *R0801061*, regulation role type = *8*.

Transaction 33:

- Message 1: Delete the explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*.

Transaction 34:

- Message 1: Delete the complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*.

Transaction 35:

- Message 1: Delete the regulation group with regulation group id = *ATH*.

Transaction 36:

- Message 1: Delete the regulation role type with regulation role type id = *2*.

Transaction 37:

- Message 1: Delete the transmission comment with transmission comment sid = *110*.

Transaction 38:

- Message 1: Delete the language with language id = *DD*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Reply to transaction 1:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 2:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 3:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 4:

- Message 1 : GEN-AUTHORISATION-ERROR: The

user is not authorised to perform the delete operation.

Reply to transaction 5:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 6:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 7:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 8:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 9:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 10:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 11:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 12:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 13:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 14:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 15:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 16:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 17:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 18:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 19:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 20:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 21:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 22:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 23:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 24:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 25:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 26:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 27:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 28:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 29:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 30:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 31:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 32:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 33:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 34:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 35:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 36:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 37:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 38:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Message   sec_taric3_la_delete_02.xml

Prerequisite   Make sure the message sec_taric3_la_delete_01.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1: Transaction 1:

- Message 1: Delete the additional code type with additional code type id = *A*.

Transaction 2:

- Message 1: Delete the additional code with additional code sid = *1*.

Transaction 3:

- Message 1: Delete the agricultural duty expression with duty expression id = *33*.

Transaction 4:

- Message 1: duty expression id = >, Delete the

agricultural measure validation rule with agricultural measure validation rule sid = *01*.

Transaction 5:

- Message 1: Delete the certificate type with certificate type code = *C*.

Transaction 6:

- Message 1: Delete the certificate with certificate type code = *Z*, certificate code = *CC1*.

Transaction 7:

- Message 1: Delete the country with country sid = *1*.

Transaction 8:

- Message 1: Delete the country group with country group sid = *7*.

Transaction 9:

- Message 1: Delete the duty expression with duty expression id = *71*.

Transaction 10:

- Message 1: Delete the dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*.

Transaction 11:

- Message 1: Delete the export refund nomenclature with export refund nomenclature sid = *1*.

Transaction 12:

- Message 1: Delete the footnote type with footnote type id = *RRR*.

Transaction 13:

- Message 1: Delete the footnote with footnote type id = *ACD*, footnote id = *01000*.

Transaction 14:

- Message 1: Delete the goods nomenclature with goods nomenclature sid = *2*.

Transaction 15:

- Message 1: Delete the legal regulation with regulation id = *R0800010*.

Transaction 16:

- Message 1: Delete the measure action code with action code = *300*.

Transaction 17:

- Message 1: Delete the measure condition code with condition code = *TH*.

Transaction 18:

- Message 1: Delete the measure with measure sid = *1*.

Transaction 19:

- Message 1: Delete the measure type with measure type id = *700000*.

Transaction 20:

- Message 1: Delete the measure type series with measure type series id = *SA*.

Transaction 21:

- Message 1: Delete the measure agricultural duty expression rule with measure agricultural duty expression rule sid = *7*.

Transaction 22:

- Message 1: Delete the measurement unit with measurement unit code = *VTT*.

Transaction 23:

- Message 1: Delete the measurement unit qualifier with measurement unit qualifier code = *Z*.

Transaction 24:

- Message 1: Delete the meursing table plan with meursing table plan id = *01*.

Transaction 25:

- Message 1: Delete the monetary exchange with monetary exchange sid = *1*.

Transaction 26:

- Message 1: Delete the monetary unit with monetary unit code = *LOL*.

Transaction 27:

- Message 1: Delete the nomenclature group with nomenclature group type id = *Z*, nomenclature group id = *010101*.

Transaction 28:

- Message 1: Delete the publication sigle with publication sigle sid = *111*.

Transaction 29:

- Message 1: Delete the base regulation with regulation id = *R0801030*, regulation role type = *1*.

Transaction 30:

- Message 1: Delete the modification regulation with regulation id = *R0801040*, regulation role type = *4*.

Transaction 31:

- Message 1: Delete the prorogation regulation with

regulation id = *R0801050*, regulation role type = *5*.

Transaction 32:

- Message 1: Delete the fts regulation with regulation id = *R0801061*, regulation role type = *8*.

Transaction 33:

- Message 1: Delete the explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*.

Transaction 34:

- Message 1: Delete the complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*.

Transaction 35:

- Message 1: Delete the regulation group with regulation group id = *ATH*.

Transaction 36:

- Message 1: Delete the regulation role type with regulation role type id = *2*.

Transaction 37:

- Message 1: Delete the transmission comment with transmission comment sid = *110*.

Transaction 38:

- Message 1: Delete the language with language id = *DD*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Reply to transaction 1:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 2:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 3:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 4:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 5:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 6:

- Message 1 : GEN-AUTHORISATION-ERROR: The

user is not authorised to perform the delete operation.

Reply to transaction 7:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 8:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 9:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 10:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 11:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 12:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 13:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 14:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 15:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 16:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 17:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 18:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 19:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 20:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 21:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 22:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 23:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 24:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 25:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 26:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 27:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 28:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 29:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 30:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 31:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 32:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 33:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 34:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 35:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 36:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 37:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Reply to transaction 38:

- Message 1 : GEN-AUTHORISATION-ERROR: The user is not authorised to perform the delete operation.

Message sec_taric3_la_delete_03.xml

Prerequisite Make sure the message sec_taric3_la_delete_02.xml have been correctly processed by the system.

Content The message is composed of several transactions:

Transaction 1: Transaction 1:

- Message 1: Delete the additional code type with additional code type id = *A*.

Transaction 2:

- Message 1: Delete the additional code with additional code sid = *1*.

Transaction 3:

- Message 1: Delete the agricultural duty expression with duty expression id = *33*.

Transaction 4:

- Message 1: duty expression id = *>*, Delete the agricultural measure validation rule with agricultural measure validation rule sid = *01*.

Transaction 5:

- Message 1: Delete the certificate type with certificate type code = *C*.

Transaction 6:

- Message 1: Delete the certificate with certificate type code = *Z*, certificate code = *CC1*.

Transaction 7:

- Message 1: Delete the country with country sid = *1*.

Transaction 8:

- Message 1: Delete the country group with country group sid = *7*.

Transaction 9:

- Message 1: Delete the duty expression with duty expression id = *71*.

Transaction 10:

- Message 1: Delete the dynamic footnote association rule with footnote type id = *ACF*, footnote id = *01500*.

Transaction 11:

- Message 1: Delete the export refund nomenclature with export refund nomenclature sid = *1*.

Transaction 12:

- Message 1: Delete the footnote type with footnote type id = *RRR*.

Transaction 13:

- Message 1: Delete the footnote with footnote type id = *ACD*, footnote id = *01000*.

Transaction 14:

- Message 1: Delete the goods nomenclature with goods nomenclature sid = *2*.

Transaction 15:

- Message 1: Delete the legal regulation with regulation id = *R0800010*.

Transaction 16:

- Message 1: Delete the measure action code with action code = *300*.

Transaction 17:

- Message 1: Delete the measure condition code with condition code = *TH*.

Transaction 18:

- Message 1: Delete the measure with measure sid = *1*.

Transaction 19:

- Message 1: Delete the measure type with measure type id = *700000*.

Transaction 20:

- Message 1: Delete the measure type series with measure type series id = *SA*.

Transaction 21:

- Message 1: Delete the measure agricultural duty expression rule with measure agricultural duty expression rule sid = *7*.

Transaction 22:

- Message 1: Delete the measurement unit with measurement unit code = *VTT*.

Transaction 23:

- Message 1: Delete the measurement unit qualifier with measurement unit qualifier code = *Z*.

Transaction 24:

- Message 1: Delete the meursing table plan with meursing table plan id = *01*.

Transaction 25:

- Message 1: Delete the monetary exchange with monetary exchange sid = *1*.

Transaction 26:

- Message 1: Delete the monetary unit with monetary unit code = *LOL*.

Transaction 27:

- Message 1: Delete the nomenclature group with nomenclature group type id = *Z*, nomenclature group id = *010101*.

Transaction 28:

- Message 1: Delete the publication sigle with publication sigle sid = *111*.

Transaction 29:

- Message 1: Delete the base regulation with regulation id = *R0801030*, regulation role type = *1*.

Transaction 30:

- Message 1: Delete the modification regulation with regulation id = *R0801040*, regulation role type = *4*.

Transaction 31:

- Message 1: Delete the prorogation regulation with regulation id = *R0801050*, regulation role type = *5*.

Transaction 32:

- Message 1: Delete the fts regulation with regulation id = *R0801061*, regulation role type = *8*.

Transaction 33:

- Message 1: Delete the explicit abrogation regulation with regulation id = *R0801050*, regulation role type = *7*.

Transaction 34:

- Message 1: Delete the complete abrogation regulation with regulation id = *R0801030*, regulation role type = *6*.

Transaction 35:

- Message 1: Delete the regulation group with regulation group id = *ATH*.

Transaction 36:

- Message 1: Delete the regulation role type with regulation role type id = *2*.

Transaction 37:

- Message 1: Delete the transmission comment with transmission comment sid = *110*.

Transaction 38:

- Message 1: Delete the language with language id = *DD*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1: Reply to transaction 1:

- Message 1, on additional.code.type.ref : OK.

Reply to transaction 2:

- Message 1, on additional.code.sid : OK.

Reply to transaction 3:

- Message 1 : OK.

Reply to transaction 4:

- Message 1, on agricultural.measure.validation.rule.sid : OK.

Reply to transaction 5:

- Message 1, on certificate.type.ref : OK.

Reply to transaction 6:

- Message 1, on certificate.ref : OK.

Reply to transaction 7:

- Message 1, on country.sid : OK.

Reply to transaction 8:

- Message 1, on country.group.sid : OK.

Reply to transaction 9:

- Message 1, on duty.expression.ref : OK.

Reply to transaction 10:

- Message 1, on dynamic.footnote.association.rule.ref : OK.

Reply to transaction 11:

- Message 1, on export.refund.nomenclature.sid : OK.

Reply to transaction 12:

- Message 1, on footnote.type.ref : OK.

Reply to transaction 13:

- Message 1, on footnote.ref : OK.

Reply to transaction 14:

- Message 1, on goods.nomenclature.sid : OK.

Reply to transaction 15:

- Message 1, on regulation.id : OK.

Reply to transaction 16:

- Message 1, on measure.action.code.ref : OK.

Reply to transaction 17:

- Message 1, on measure.condition.code.ref : OK.

Reply to transaction 18:

- Message 1, on measure.ref : OK.

Reply to transaction 19:

- Message 1, on measure.type.ref : OK.

Reply to transaction 20:

- Message 1, on measure.type.series.ref : OK.

Reply to transaction 21:

- Message 1, on measure.agricultural.duty.expression.rule.sid : OK.

Reply to transaction 22:

- Message 1, on measurement.unit.ref : OK.

Reply to transaction 23:

- Message 1, on measurement.unit.qualifier.ref : OK.

Reply to transaction 24:

- Message 1, on meursing.table.plan.ref : OK.

Reply to transaction 25:

- Message 1, on monetary.exchange.sid : OK.

Reply to transaction 26:

- Message 1 : OK.

Reply to transaction 27:

- Message 1, on nomenclature.group.ref : OK.

Reply to transaction 28:

- Message 1, on publication.sigle.sid : OK.

Reply to transaction 29:

- Message 1, on regulation.id : OK.

Reply to transaction 30:

- Message 1, on modification.regulation.ref : OK.

Reply to transaction 31:

- Message 1, on regulation.id : OK.

Reply to transaction 32:

- Message 1, on regulation.id : OK.

Reply to transaction 33:

- Message 1, on regulation.id : OK.

Reply to transaction 34:

- Message 1, on regulation.id : OK.

Reply to transaction 35:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 36:

- Message 1, on regulation.role.type.ref : OK.

Reply to transaction 37:

- Message 1, on transmission.comment.sid : OK.

Reply to transaction 38:

- Message 1, on language.ref : OK.

2.5. Transmission comment

2.5.1. Taric3 transmission comment insert

Message   dm_ref_tc_insert_01.xml

Prerequisite Make sure the message init_ref_languages.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *110*:

    o description 1: language id = *EN*, description = *English Description of TC110*.

    o description 2: language id = *FR*, description = *French Description of TC110*.

    o description 3: language id = *NL*, description = *Dutch Description of TC110*.

keyword = *KeywordTC110.*

Transaction 2:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *110.*

Transaction 3:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *1bc*:

  o description 1: language id = *eng*, description = *English Description of TC110.*

  o description 2: language id = *fr*, description = *French Description of TC110.*

  o description 3: language id = *Nla*, description = *Dutch Description of TC110.*

  keyword = *KeywordTC110.*

Expected output	The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on transmission.comment.sid : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on language.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on language.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on language.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

Message	dm_ref_tc_insert_02.xml
Prerequisite	Make sure the message init_ref_languages.xml have been correctly processed by the system.
Content	The message is composed of several transactions:

Transaction 1:

- Message 1: Insert a stable transmission comment with transmission comment sid = *110*:

    o description 1: language id = *EN*, description = *English Description of TC110*.

    o description 2: language id = *FR*, description = *French Description of TC110*.

    o description 3: language id = *NL*, description = *Dutch Description of TC110*.

    keyword = *KeywordTC110*.

Transaction 2:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *110*.

Transaction 3:

- Message 1: Insert a stable transmission comment with transmission comment sid = *1bc*:

    o description 1: language id = *en*, description = *English Description of TC110*.

    o description 2: language id = *fra*, description = *French Description of TC110*.

    o description 3: language id = *Nla*, description = *Dutch Description of TC110*.

    keyword = *Keyword123*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on transmission.comment.sid : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on language.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

- Message 1, on language.id : GEN-INVALID-FORMAT-

ERROR: Invalid format.

- Message 1, on language.id : GEN-INVALID-FORMAT-ERROR: Invalid format.

Message   dm_ref_tc_insert_03.xml

Prerequisite   Make sure the message init_ref_languages.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *211*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = - *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

    keyword = *KeywordINSUNS*.

Transaction 2:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *212*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *"French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

    keyword = *KeywordINSUNS*.

Transaction 3:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *213*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French DescriptionFrench DescriptionFrench DescriptionFrench DescriptionFrench DescriptionFrench DescriptionFrench*

DescriptionFrench Description.

- o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordINSUNS*.

Transaction 4:

- • Message 1: Insert an unstable transmission comment with transmission comment sid = *214*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *FR*, description = *Second French Description*.

  - o description 4: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordINSUNS*.

Transaction 5:

- • Message 1: Insert an unstable transmission comment with transmission comment sid = *215*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *XX*, description = *Description for a non existing language*.

  - o description 4: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordINSUNS*.

Transaction 6:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *216*:

    o description 1: language id = *EN*, description = *English |Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

    keyword = *KeywordINSUNS*.

Transaction 7:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *217*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description:*.

    o description 3: language id = *NL*, description = *Dutch Description*.

    keyword = *KeywordINSUNS*.

Transaction 8:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *218*:

    o description 1: language id = *EN*, description = *English kg. Description*.

    o description 2: language id = *FR*, description = *French kg Description*.

    o description 3: language id = *NL*, description = *Dutch kg; Description*.

    keyword = *KeywordINSUNS*.

Transaction 9:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *219*:

    o description 1: language id = *EN*, description = *English kg: Description*.

    o description 2: language id = *FR*, description = *French kg, Description*.

    o description 3: language id = *NL*, description =

Dutch Description.

keyword = *KeywordINSUNS.*

Transaction 10:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *220*:

    o description 1: language id = *EN*, description = *English Description.*

    o description 2: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordINSUNS.*

FILE: dm_ref_tc_insert_04.xml

Transaction 1:

- Message 1: Insert a stable transmission comment with transmission comment sid = *212*:

    o description 1: language id = *EN*, description = *English Description.*

    o description 2: language id = *FR*, description = - *French Description.*

    o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordINSSTA.*

Transaction 2:

- Message 1: Insert a stable transmission comment with transmission comment sid = *213*:

    o description 1: language id = *EN*, description = *English Description.*

    o description 2: language id = *FR*, description = *"French Description.*

    o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordINSSTA.*

Transaction 3:

- Message 1: Insert a stable transmission comment with transmission comment sid = *214*:

    o description 1: language id = *EN*, description =

English Description.

  o description 2: language id = *FR*, description = *French Description.*

  o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordINSSTA*.

Transaction 4:

  • Message 1: Insert a stable transmission comment with transmission comment sid = *215*:

    o description 1: language id = *EN*, description = *English Description.*

    o description 2: language id = *FR*, description = *French Description.*

    o description 3: language id = *FR*, description = *Second French Description.*

    o description 4: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordINSSTA*.

Transaction 5:

  • Message 1: Insert a stable transmission comment with transmission comment sid = *216*:

    o description 1: language id = *EN*, description = *English Description.*

    o description 2: language id = *FR*, description = *French Description.*

    o description 3: language id = *XX*, description = *Description for a non existing language.*

- o description 4: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordINSSTA*.

Transaction 6:

- Message 1: Insert a stable transmission comment with transmission comment sid = *217*:

  - o description 1: language id = *EN*, description = *English |Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordINSSTA*.

Transaction 7:

- Message 1: Insert a stable transmission comment with transmission comment sid = *218*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description:*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordINSSTA*.

Transaction 8:

- Message 1: Insert a stable transmission comment with transmission comment sid = *219*:

  - o description 1: language id = *EN*, description = *English kg. Description*.

  - o description 2: language id = *FR*, description = *French kg Description*.

  - o description 3: language id = *NL*, description = *Dutch kg; Description*.

keyword = *KeywordINSSTA*.

Transaction 9:

- Message 1: Insert a stable transmission comment with transmission comment sid = *220*:

  - o description 1: language id = *EN*, description =

English kg: Description.

- o description 2: language id = *FR*, description = *French kg, Description.*

- o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordINSSTA*.

Transaction 10:

- Message 1: Insert a stable transmission comment with transmission comment sid = *221*:

  - o description 1: language id = *EN*, description = *English Description.*

  - o description 2: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordINSSTA*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on description : VR-DI-3: Description text cannot start with an indent '-'.

Reply to transaction 2:

- Message 1, on description : VR-DI-4: The number of double quotes (") in a description text must be even.

Reply to transaction 3:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 4:

- Message 1, on description : VR-DI-7: At a given moment, there is at most one description in a given language.

Reply to transaction 5:

- Message 1, on language.id : VR-DI-8: A description language must refer to an existing stable language.

Reply to transaction 6:

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

Reply to transaction 7:

- Message 1, on description : VR-DI-10: Description text cannot end with double point ':'.

Reply to transaction 8:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Reply to transaction 9:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Reply to transaction 10:

- Message 1, on description.list : VR-DI-12: A description version for each of the supported stable languages must exist.

Message   dm_ref_tc_insert_04.xml

Prerequisite   Make sure the message init_ref_languages.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = - *French Description*.

  o description 3: language id = *NL*, description =

Dutch Description.

keyword = *KeywordTST.*

Transaction 2:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description = *English Description.*

  o description 2: language id = *FR*, description = *"French Description.*

  o description 3: language id = *NL*, description = *Dutch Description.*

  keyword = *KeywordTST.*

Transaction 3:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description = *English Description.*

  o description 2: language id = *FR*, description = *French Description.*

  o description 3: language id = *NL*, description = *Dutch Description.*

  keyword = *KeywordTST.*

Transaction 4:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description =

English Description.

- o description 2: language id = *FR*, description = *French Description.*

- o description 3: language id = *FR*, description = *Second French Description.*

- o description 4: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 5:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  - o description 1: language id = *EN*, description = *English Description.*

  - o description 2: language id = *FR*, description = *French Description.*

  - o description 3: language id = *XX*, description = *Description for a non existing language.*

  - o description 4: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 6:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  - o description 1: language id = *EN*, description = *English |Description.*

  - o description 2: language id = *FR*, description = *French Description.*

  - o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 7:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  - o description 1: language id = *EN*, description = *English Description.*

  - o description 2: language id = *FR*, description = *French Description:.*

o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Transaction 8:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description = *English kg. Description*.

  o description 2: language id = *FR*, description = *French kg Description*.

  o description 3: language id = *NL*, description = *Dutch kg; Description*.

keyword = *KeywordTST*.

Transaction 9:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description = *English kg: Description*.

  o description 2: language id = *FR*, description = *French kg, Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Expected output	The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on description : VR-DI-3: Description text cannot start with an indent '-'.

Reply to transaction 2:

- Message 1, on description : VR-DI-4: The number of double quotes (") in a description text must be even.

Reply to transaction 3:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 4:

- Message 1, on description : VR-DI-7: At a given moment, there is at most one description in a given language.

Reply to transaction 5:

- Message 1, on language.id : VR-DI-8: A description language must refer to an existing stable language.

Reply to transaction 6:

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

Reply to transaction 7:

- Message 1, on description : VR-DI-10: Description text cannot end with double point ':'.

Reply to transaction 8:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Reply to transaction 9:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Reply to transaction 10:

- Message 1, on description.list : VR-DI-12: A description version for each of the supported stable languages must exist.

2.5.2. Taric3 transmission comment update

Message   dm_ref_tc_update_setup_01.xml

Prerequisite   Make sure the message init_ref_languages.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English Description of TC112*.

    o description 2: language id = *FR*, description = *French Description of TC112*.

    o description 3: language id = *NL*, description = *Dutch Description of TC112*.

    keyword = *keywordTC112*.

Transaction 2:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *113*:

    o description 1: language id = *EN*, description = *English Description of TC113*.

    o description 2: language id = *FR*, description = *French Description of TC113*.

    o description 3: language id = *NL*, description = *Dutch Description of TC113*.

    keyword = *keywordTC113*, transmission date = *2008-05-01*.

Transaction 3:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *114*:

    o description 1: language id = *EN*, description = *English Description of TC114*.

    o description 2: language id = *FR*, description = *French Description of TC114*.

    o description 3: language id = *NL*, description = *Dutch Description of TC114*.

    keyword = *keywordTC114*.

Transaction 4:

- Message 1: Insert a stable transmission comment with

transmission comment sid = *115*:

- o description 1: language id = *EN*, description = *English Description of TC115*.

- o description 2: language id = *FR*, description = *French Description of TC115*.

- o description 3: language id = *NL*, description = *Dutch Description of TC115*.

keyword = *keywordTC115*.

Transaction 5:

- Message 1: Insert a stable transmission comment with transmission comment sid = *116*:

- o description 1: language id = *EN*, description = *English Description of TC116*.

- o description 2: language id = *FR*, description = *French Description of TC116*.

- o description 3: language id = *NL*, description = *Dutch Description of TC116*.

keyword = *keywordTC116*, transmission date = *2008-05-01*.

Expected output	The message is composed of transactions replying to the original transactions:
	Reply to transaction 1:
	- Message 1, on transmission.comment.ref : OK.
	Reply to transaction 2:
	- Message 1, on transmission.comment.ref : OK.
	Reply to transaction 3:
	- Message 1, on transmission.comment.ref : OK.
	Reply to transaction 4:
	- Message 1, on transmission.comment.ref : OK.
	Reply to transaction 5:
	- Message 1, on transmission.comment.ref : OK.

Message	dm_ref_tc_update_01.xml
Prerequisite	Make sure the message dm_ref_tc_update_setup_01.xml have been correctly processed by the system.
Content	The message is composed of several transactions:

Transaction 1:

- Message 1: Update the unstable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English Description of TC112 updated*.

    o description 2: language id = *FR*, description = *French Description of TC112 updated*.

    o description 3: language id = *NL*, description = *Dutch Description of TC112 updated*.

  keyword = *KeywordTST*.

Transaction 2:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *112*.

Transaction 3:

- Message 1: Update the unstable transmission comment with transmission comment sid = *999*:

    o description 1: language id = *EN*, description = *English Description of TC999*.

    o description 2: language id = *FR*, description = *French Description of TC999*.

    o description 3: language id = *NL*, description = *Dutch Description of TC999*.

  keyword = *NonexistentTC*.

Transaction 4:

- Message 1: Update the unstable transmission comment with transmission comment sid = *113*:

    o description 1: language id = *EN*, description = *English Description of TC113*.

    o description 2: language id = *FR*, description = *French Description of TC113*.

    o description 3: language id = *NL*, description = *Dutch Description of TC113*.

  keyword = *KeywordTST*, transmission date = *2008-05-01*.

Transaction 5:

- Message 1: Update the unstable transmission comment with transmission comment sid = *115*:

    o description 1: language id = *EN*, description = *English Description of TC115*.

    o description 2: language id = *FR*, description = *French Description of TC115*.

    o description 3: language id = *NL*, description = *Dutch Description of TC115*.

keyword = *KeywordTST*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on transmission.comment.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 4:

- Message 1, on transmission.comment.ref : VR-TC-2: A transmission comment can only be updated when the 'Transmitted date' is empty.

Reply to transaction 5:

- Message 1, on stability.flag : VR-VI-11: The publication status of data can only be unstable if the information is new in the system or the previous version of the information also has publication status unstable.

Message

dm_ref_tc_update_02.xml

Prerequisite

Make sure the message dm_ref_tc_update_01.xml have been correctly processed by the system.

Content

The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English Description of stable TC112 updated*.

    o description 2: language id = *FR*, description =

French Description of stable TC112 updated.

- o description 3: language id = *NL*, description = *Dutch Description of stable TC112 updated*.

keyword = *keywordTC112*.

Transaction 2:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *112*.

Transaction 3:

- Message 1: Update the stable transmission comment with transmission comment sid = *999*:

  - o description 1: language id = *EN*, description = *English Description of TC999*.

  - o description 2: language id = *FR*, description = *French Description of TC999*.

  - o description 3: language id = *NL*, description = *Dutch Description of TC999*.

keyword = *keywordTC999*.

Transaction 4:

- Message 1: Update the stable transmission comment with transmission comment sid = *113*:

  - o description 1: language id = *EN*, description = *English Description of TC113*.

  - o description 2: language id = *FR*, description = *French Description of TC113*.

  - o description 3: language id = *NL*, description = *Dutch Description of TC113*.

keyword = *keywordTC113*, transmission date = *2008-05-01*.

Expected output	The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 2:
- Message 1 : OK.

Reply to transaction 3:

- Message 1, on transmission.comment.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 4:

- Message 1, on transmission.comment.ref : VR-TC-2: A transmission comment can only be updated when the 'Transmitted date' is empty.

Message   dm_ref_tc_update_03.xml

Prerequisite   Make sure the message dm_ref_tc_update_02.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

    o description 1: language id = *EN*, description = *English Description of TC115 updated*.

    o description 2: language id = *FR*, description = *French Description of TC115 updated*.

    o description 3: language id = *NL*, description = *Dutch Description of TC115 updated*.

    keyword = *KeywordTC115*.

Transaction 2:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *115*.

Transaction 3:

- Message 1: Update the stable transmission comment with transmission comment sid = *999*:

    o description 1: language id = *EN*, description = *English Description of TC999*.

    o description 2: language id = *FR*, description = *French Description of TC999*.

    o description 3: language id = *NL*, description = *Dutch Description of TC999*.

    keyword = *KeywordTC999*.

Transaction 4:

- Message 1: Update the stable transmission comment with transmission comment sid = *116*:

    o description 1: language id = *EN*, description = *English Description of TC116*.

    o description 2: language id = *FR*, description = *French Description of TC116*.

    o description 3: language id = *NL*, description = *Dutch Description of TC116*.

    keyword = *KeywordTC116*, transmission date = *2008-05-01*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 2:

- Message 1 : OK.

Reply to transaction 3:

- Message 1, on transmission.comment.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 4:

- Message 1, on transmission.comment.ref : VR-TC-2: A transmission comment can only be updated when the 'Transmitted date' is empty.

Message   dm_ref_tc_update_04.xml

Prerequisite   Make sure the message dm_ref_tc_update_03.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = - *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Transaction 2:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *"French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  keyword = *KeywordTST*.

Transaction 3:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description = *English Description*.

  o description 2: language id = *FR*, description = *French Description*.

  o description 3: language id = *NL*, description = *Dutch Description*.

  keyword = *KeywordTST*.

Transaction 4:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  o description 1: language id = *EN*, description = *English Description*.

- o description 2: language id = *FR*, description = *French Description*.

- o description 3: language id = *FR*, description = *Second French Description*.

- o description 4: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Transaction 5:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *XX*, description = *Description for a non existing language*.

  - o description 4: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Transaction 6:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  - o description 1: language id = *EN*, description = *English |Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Transaction 7:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description:*.

  - o description 3: language id = *NL*, description =

Dutch Description.

keyword = *KeywordTST*.

Transaction 8:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English kg. Description.*

    o description 2: language id = *FR*, description = *French kg Description.*

    o description 3: language id = *NL*, description = *Dutch kg; Description.*

keyword = *KeywordTST*.

Transaction 9:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English kg: Description.*

    o description 2: language id = *FR*, description = *French kg, Description.*

    o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST*.

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on description : VR-DI-3: Description text cannot start with an indent '-'.

Reply to transaction 2:

- Message 1, on description : VR-DI-4: The number of double quotes (") in a description text must be even.

Reply to transaction 3:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 4:

- Message 1, on description : VR-DI-7: At a given moment, there is at most one description in a given language.

Reply to transaction 5:

- Message 1, on language.id : VR-VI-1: Data to be updated

must exist.

Reply to transaction 6:

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

Reply to transaction 7:

- Message 1, on description : VR-DI-10: Description text cannot end with double point ':'.

Reply to transaction 8:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Reply to transaction 9:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Message   dm_ref_tc_update_05.xml

Prerequisite Make sure the message dm_ref_tc_update_04.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

o description 1: language id = *EN*, description = *English Description*.

o description 2: language id = *FR*, description = - *French Description*.

o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Transaction 2:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *"French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Transaction 3:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

keyword = *KeywordTST*.

Transaction 4:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *FR*, description = *Second French Description*.

    o description 4: language id = *NL*, description = *Dutch Description*.

  keyword = *KeywordTST*.

Transaction 5:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *XX*, description = *Description for a non existing language*.

    o description 4: language id = *NL*, description = *Dutch Description*.

  keyword = *KeywordTST*.

Transaction 6:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

    o description 1: language id = *EN*, description = *English |Description*.

    o description 2: language id = *FR*, description = *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

  keyword = *KeywordTST*.

Transaction 7:

- Message 1: Update the stable transmission comment with

transmission comment sid = *112*:

- o description 1: language id = *EN*, description = *English Description.*

- o description 2: language id = *FR*, description = *French Description:.*

- o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 8:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  - o description 1: language id = *EN*, description = *English kg. Description.*

  - o description 2: language id = *FR*, description = *French kg Description.*

  - o description 3: language id = *NL*, description = *Dutch kg; Description.*

keyword = *KeywordTST.*

Transaction 9:

- Message 1: Update the stable transmission comment with transmission comment sid = *112*:

  - o description 1: language id = *EN*, description = *English kg: Description.*

  - o description 2: language id = *FR*, description = *French kg, Description.*

  - o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Expected output

The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on description : VR-DI-3: Description text cannot start with an indent '-'.

Reply to transaction 2:

- Message 1, on description : VR-DI-4: The number of double quotes (") in a description text must be even.

Reply to transaction 3:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 4:

- Message 1, on description : VR-DI-7: At a given moment, there is at most one description in a given language.

Reply to transaction 5:

- Message 1, on language.id : VR-VI-1: Data to be updated must exist.

Reply to transaction 6:

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

Reply to transaction 7:

- Message 1, on description : VR-DI-10: Description text cannot end with double point ':'.

Reply to transaction 8:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Reply to transaction 9:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Message   dm_ref_tc_update_06.xml

Prerequisite   Make sure the message dm_ref_tc_update_05.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = - *French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

  keyword = *KeywordTST*.

Transaction 2:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *"French Description*.

    o description 3: language id = *NL*, description = *Dutch Description*.

  keyword = *KeywordTST*.

Transaction 3:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

    o description 1: language id = *EN*, description = *English Description*.

    o description 2: language id = *FR*, description = *French DescriptionFrench*

DescriptionFrench DescriptionFrench DescriptionFrench DescriptionFrench DescriptionFrench DescriptionFrench DescriptionFrench DescriptionFrench Description.

- o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 4:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

  - o description 1: language id = *EN*, description = *English Description.*

  - o description 2: language id = *FR*, description = *French Description.*

  - o description 3: language id = *FR*, description = *Second French Description.*

  - o description 4: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 5:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

  - o description 1: language id = *EN*, description = *English Description.*

  - o description 2: language id = *FR*, description = *French Description.*

  - o description 3: language id = *XX*, description = *Description for a non existing language.*

  - o description 4: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 6:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

  - o description 1: language id = *EN*, description = *English |Description.*

  - o description 2: language id = *FR*, description =

French Description.

- o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 7:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

    - o description 1: language id = *EN*, description = *English Description.*

    - o description 2: language id = *FR*, description = *French Description:.*

    - o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Transaction 8:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

    - o description 1: language id = *EN*, description = *English kg. Description.*

    - o description 2: language id = *FR*, description = *French kg Description.*

    - o description 3: language id = *NL*, description = *Dutch kg; Description.*

keyword = *KeywordTST.*

Transaction 9:

- Message 1: Update the stable transmission comment with transmission comment sid = *115*:

    - o description 1: language id = *EN*, description = *English kg: Description.*

    - o description 2: language id = *FR*, description = *French kg, Description.*

    - o description 3: language id = *NL*, description = *Dutch Description.*

keyword = *KeywordTST.*

Expected output	The message is composed of transactions replying to the original transactions:
	Reply to transaction 1:

- Message 1, on description : VR-DI-3: Description text cannot start with an indent '-'.

Reply to transaction 2:

- Message 1, on description : VR-DI-4: The number of double quotes (") in a description text must be even.

Reply to transaction 3:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 4:

- Message 1, on description : VR-DI-7: At a given moment, there is at most one description in a given language.

Reply to transaction 5:

- Message 1, on language.id : VR-VI-1: Data to be updated must exist.

Reply to transaction 6:

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

- Message 1, on description : VR-DI-9: Description text cannot start or end with white space: no blank or tab character or (mark-up for) hard space '|'.

Reply to transaction 7:

- Message 1, on description : VR-DI-10: Description text cannot end with double point ':'.

Reply to transaction 8:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

Reply to transaction 9:

- Message 1, on description : VR-DI-11: Description text may not contain an occurrence of a predefined

characterstring between blanks or between a blank and a comma or between a blank and a dot or between a blank and a colon or between a blank and a semi-colon.

2.5.3. Taric3 transmission comment delete

<u>Message</u> dm_ref_tc_delete_setup_01.xml

<u>Prerequisite</u> Make sure the message init_ref_languages.xml have been correctly processed by the system.

<u>Content</u> The message is composed of several transactions:

Transaction 1:

- Message 1: Insert an unstable transmission comment with transmission comment sid = *117*:

    o description 1: language id = *EN*, description = *English Description of TC117*.

    o description 2: language id = *FR*, description = *French Description of TC117*.

    o description 3: language id = *NL*, description = *Dutch Description of TC117*.

    keyword = *keywordTC117*.

Transaction 2:

- Message 1: Insert a stable transmission comment with transmission comment sid = *118*:

    o description 1: language id = *EN*, description = *English Description of TC118*.

    o description 2: language id = *FR*, description = *French Description of TC118*.

    o description 3: language id = *NL*, description = *Dutch Description of TC118*.

    keyword = *keywordTC118*.

<u>Expected output</u> The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on transmission.comment.ref : OK.

Reply to transaction 2:

- Message 1, on transmission.comment.ref : OK.

Message   dm_ref_tc_delete_01.xml

Prerequisite   Make sure the message dm_ref_tc_delete_setup_01.xml have been correctly processed by the system.

Content   The message is composed of several transactions:

Transaction 1:

- Message 1: Delete the transmission comment with transmission comment sid = *117*.

Transaction 2:

- Message 1: Delete the transmission comment with transmission comment sid = *118*.

Transaction 3:

- Message 1: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *117*.

- Message 2: Request the transmission comment with query space field = *TRANSMISSION COMMENT.TRANSMISSION COMMENT REF.Transmission comment sid*, operator = =, constant = *118*.

Transaction 4:

- Message 1: Delete the transmission comment with transmission comment sid = *117*.

Transaction 5:

- Message 1: Delete the transmission comment with transmission comment sid = *118*.

Expected output   The message is composed of transactions replying to the original transactions:

Reply to transaction 1:

- Message 1, on transmission.comment.sid : OK.

Reply to transaction 2:

- Message 1, on transmission.comment.sid : OK.

Reply to transaction 3:

- Message 1 : OK.

- Message 2 : OK.

Reply to transaction 4:

- Message 1, on transmission.comment.sid : VR-VI-3: Data to be deleted must exist.

Reply to transaction 5:

- Message 1, on transmission.comment.sid : VR-VI-3: Data to be deleted must exist.

2.6.   Regulations

2.6.1.   Taric3 regulations setup file

Message   regulations_query_setup.xml

Prerequisite Make sure the database has been cleaned.

Content   Transaction 1:

- Message 1: Insert a stable language with language id = *EN*, start date = *2000-01-01*:

- Message 2: Insert a stable language with language id = *FR*, start date = *2000-01-01*:

    o   description 1: language id = *EN*, description = *English Description of fr*.

- Message 3: Insert a stable language with language id = *NL*, start date = *2000-01-01*:

    o   description 1: language id = *EN*, description = *English Description of nl*.

    o   description 2: language id = *FR*, description = *Description francaise nl*.

Transaction 2:

- Message 1: Insert a stable regulation role type with regulation role type id = *1*, start date = *2000-01-01*:

    o   description 1: language id = *EN*, description = *Base regulation*.

    o   description 2: language id = *FR*, description = *Rè̃glement de base*.

    o   description 3: language id = *NL*, description

= *Basisverordening*.

- Message 2: Insert a stable regulation role type with regulation role type id = *2*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *Provisional anti-dumping/countervailing duty*.

    o description 2: language id = *FR*, description = *Droit anti-dumping/compensateur provisoire*.

    o description 3: language id = *NL*, description = *Voorlopig antidumping-/compenserend recht*.

- Message 3: Insert a stable regulation role type with regulation role type id = *3*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *Definitive anti-dumping/countervailing duty*.

    o description 2: language id = *FR*, description = *Droit anti-dumping/compensateur dÃ©finitif*.

    o description 3: language id = *NL*, description = *Definitief antidumping/compenserend recht*.

- Message 4: Insert a stable regulation role type with regulation role type id = *4*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *Modification*.

    o description 2: language id = *FR*, description = *Modification*.

    o description 3: language id = *NL*, description = *Wijziging*.

- Message 5: Insert a stable regulation role type with regulation role type id = *5*, start date = *2000-01-01*:

    o description 1: language id = *EN*, description = *Prorogation*.

    o description 2: language id = *FR*, description

= *Prorogation*.

  - o description 3: language id = *NL*, description = *Verlenging*.

- Message 6: Insert a stable regulation role type with regulation role type id = *6*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *Complete abrogation*.

  - o description 2: language id = *FR*, description = *Abrogation complète*.

  - o description 3: language id = *NL*, description = *Volledige afschaffing*.

- Message 7: Insert a stable regulation role type with regulation role type id = *7*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *Explicit abrogation*.

  - o description 2: language id = *FR*, description = *Abrogation explicite*.

  - o description 3: language id = *NL*, description = *Expliciete afchaffing*.

- Message 8: Insert a stable regulation role type with regulation role type id = *8*, start date = *2000-01-01*:

  - o description 1: language id = *EN*, description = *Regulation which temporarily suspends all another regulation (FTS - Full Temporary Stop)*.

  - o description 2: language id = *FR*, description = *Règlement qui suspend temporairement tout un autre règlement (FTS - Full Temporary Stop)*.

  - o description 3: language id = *NL*, description = *Verordening die tijdelijk de toepassing van een andere verordening opschort (FTS - Full Temporary Stop)*.

Transaction 10:

- Message 1: Insert a stable regulation group with regulation group id = *GGA*, start date = *2001-01-01*:

o   description 1: language id = *EN*, description = *English description*.

o   description 2: language id = *FR*, description = *French description*.

o   description 3: language id = *NL*, description = *Dutch description*.

Transaction 11:

- Message 1: Insert an unstable regulation group with regulation group id = *GGB*, start date = *2009-01-01*, end date = *2009-12-01*:

    o   description 1: language id = *EN*, description = *English description*.

    o   description 2: language id = *FR*, description = *French description*.

    o   description 3: language id = *NL*, description = *Dutch description*.

Transaction 12:

- Message 1: Insert an unstable regulation group with regulation group id = *GGC*, start date = *2001-01-01*:

    o   description 1: language id = *EN*, description = *English description*.

    o   description 2: language id = *FR*, description = *French description*.

    o   description 3: language id = *NL*, description = *Dutch description*.

Transaction 13:

- Message 1: Insert a stable regulation group with regulation group id = *GAA*, start date = *2001-01-01*:

    o   description 1: language id = *EN*, description = *English description*.

    o   description 2: language id = *FR*, description = *French description*.

    o   description 3: language id = *NL*, description = *Dutch description*.

Transaction 14:

- Message 1: Insert a stable regulation group with

regulation group id = *REX*, start date = *2001-01-01*:

- o description 1: language id = *EN*, description = *English description*.

- o description 2: language id = *FR*, description = *French description*.

- o description 3: language id = *NL*, description = *Dutch description*.

Transaction 15:

- Message 1: Insert a stable regulation group with regulation group id = *AGR*, start date = *2001-01-01*:

  - o description 1: language id = *EN*, description = *English description*.

  - o description 2: language id = *FR*, description = *French description*.

  - o description 3: language id = *NL*, description = *Dutch description*.

Expected output

Reply to transaction 1:

- Message 1, on language.ref : OK.

- Message 2, on language.ref : OK.

- Message 3, on language.ref : OK.

Reply to transaction 2:

- Message 1, on regulation.role.type.ref : OK.

- Message 2, on regulation.role.type.ref : OK.

- Message 3, on regulation.role.type.ref : OK.

- Message 4, on regulation.role.type.ref : OK.

- Message 5, on regulation.role.type.ref : OK.

- Message 6, on regulation.role.type.ref : OK.

- Message 7, on regulation.role.type.ref : OK.

- Message 8, on regulation.role.type.ref : OK.

Reply to transaction 10:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 11:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 12:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 13:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 14:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 15:

- Message 1, on regulation.group.ref : OK.

2.6.2. Taric3 regulations query

Message   regulations_query.xml

Prerequisite Make sure the message regulations_query_setup.xml has been correctly processed by the system.

Content   Transaction 1:

- Message 1: Insert a stable legal regulation with regulation id = *R0100000*, published date = *2008-01-01*, official journal number = *OL101*, official journal page = *123*.

Transaction 2:

- Message 1: Insert a stable base regulation with regulation id = *R0100000*, regulation role type = *1*, start date = *2008-01-01*, community code = *1*, regulation group id = *GGA*, approved flag = *1*.

Transaction 3:

- Message 1: Request the regulation with operator = *AND*, query space field = *ROLE REGULATION.ROLE REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = *=*, constant = *R0100000*, query space field = *ROLE REGULATION.ROLE REGULATION REF.Regulation role type*, operator = *=*, constant = *1*.

Transaction 4:

- Message 1: Update the stable legal regulation with regulation id = *R0100000*, published date = *2008-01-01*, official journal number = *OL101*, official journal page = *888*.

Transaction 5:

- Message 1: Request the regulation with operator = *AND*, query space field = *ROLE REGULATION.ROLE REGULATION REF.LEGAL REGULATION REF.Regulation id*, operator = =, constant = *R0100000*, query space field = *ROLE REGULATION.ROLE REGULATION REF.Regulation role type*, operator = =, constant = *1*.

Expected output

Reply to transaction 1:

- Message 1, on legal.regulation.ref : OK.

Reply to transaction 2:

- Message 1, on base.regulation.ref : OK.

Reply to transaction 3:

- Message 1 : OK.

Reply to transaction 4:

- Message 1, on legal.regulation.ref : OK.

Reply to transaction 5:

- Message 1 : OK.

2.7. Prorogation Regulation Repalcement

2.7.1. Taric3 setup file

Message init_ref_pror_replace_insert_setup.xml

Prerequisite Make sure the database has been cleaned.

Content Transaction 1:

- Message 1: Insert a stable language with language id = *EN*, start date = *2000-01-01*:

- Message 2: Insert a stable language with language id = *FR*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of fr*.

- Message 3: Insert a stable language with language id = *NL*, start date = *2000-01-01*:

  o description 1: language id = *EN*, description = *English Description of nl*.

- o description 2: language id = *FR*, description = *Description francaise nl*.

- Message 4: Insert a stable regulation role type with regulation role type id = *1*, start date = *2006-02-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 5: Insert a stable regulation role type with regulation role type id = *2*, start date = *2006-02-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 6: Insert a stable regulation role type with regulation role type id = *3*, start date = *2006-02-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 7: Insert a stable regulation role type with regulation role type id = *4*, start date = *2006-02-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 8: Insert a stable regulation role type with

regulation role type id = *5*, start date = *2006-02-01*:

- o description 1: language id = *EN*, description = *English Description*.

- o description 2: language id = *FR*, description = *French Description*.

- o description 3: language id = *NL*, description = *Dutch Description*.

- Message 9: Insert a stable regulation role type with regulation role type id = *6*, start date = *2006-02-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 10: Insert a stable regulation role type with regulation role type id = *7*, start date = *2006-02-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

- Message 11: Insert an unstable regulation role type with regulation role type id = *8*, start date = *2006-02-01*:

  - o description 1: language id = *EN*, description = *English Description*.

  - o description 2: language id = *FR*, description = *French Description*.

  - o description 3: language id = *NL*, description = *Dutch Description*.

Transaction 02:

- Message 1: Insert a stable legal regulation with regulation id = *R0800001*, published date = *2008-01-01*, official journal number = *1*, official journal

page = *1*.

- Message 2: Insert a stable legal regulation with regulation id = *R0800002*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 3: Insert a stable legal regulation with regulation id = *R0800003*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 4: Insert an unstable legal regulation with regulation id = *C0800004*.

- Message 5: Insert a stable legal regulation with regulation id = *C0802001*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 6: Insert a stable legal regulation with regulation id = *R0801012*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 7: Insert a stable legal regulation with regulation id = *R0801013*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 8: Insert a stable legal regulation with regulation id = *R0801014*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 9: Insert a stable legal regulation with regulation id = *R0801015*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 10: Insert a stable legal regulation with regulation id = *R0801016*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 11: Insert a stable legal regulation with regulation id = *R0801017*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 12: Insert a stable legal regulation with regulation id = *R0801018*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 13: Insert a stable legal regulation with regulation id = *R0801019*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 14: Insert a stable legal regulation with regulation id = *R0801020*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 15: Insert a stable legal regulation with regulation id = *R0801021*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 16: Insert a stable legal regulation with regulation id = *R0801022*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 17: Insert a stable legal regulation with regulation id = *R0801023*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 18: Insert a stable legal regulation with regulation id = *C0801010*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 19: Insert a stable legal regulation with regulation id = *R0801024*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 20: Insert a stable legal regulation with regulation id = *R0801025*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 21: Insert a stable legal regulation with regulation id = *R0801026*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 22: Insert a stable legal regulation with regulation id = *R0801027*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 23: Insert a stable legal regulation with regulation id = *C0801027*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 24: Insert a stable legal regulation with regulation id = *C0801028*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 25: Insert a stable legal regulation with regulation id = *R0802008*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 26: Insert a stable legal regulation with regulation id = *R0802009*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 27: Insert a stable legal regulation with regulation id = *C0802008*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 28: Insert a stable legal regulation with regulation id = *R0802010*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 29: Insert a stable legal regulation with regulation id = *R0802011*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 30: Insert a stable legal regulation with regulation id = *R0802012*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 31: Insert a stable legal regulation with regulation id = *R0802014*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 32: Insert a stable legal regulation with regulation id = *R0802015*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 33: Insert a stable legal regulation with regulation id = *R0803009*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 34: Insert a stable legal regulation with regulation id = *R0803008*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 35: Insert a stable legal regulation with regulation id = *R0803010*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 36: Insert a stable legal regulation with regulation id = *R0803011*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 37: Insert a stable legal regulation with regulation id = *R0803012*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 38: Insert a stable legal regulation with regulation id = *R0803014*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 39: Insert a stable legal regulation with regulation id = *R0803015*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

- Message 40: Insert a stable legal regulation with regulation id = *R0800004*, published date = *2008-01-01*, official journal number = *1*, official journal page = *1*.

Transaction 3:

- Message 1: Insert a stable regulation group with regulation group id = *GGA*, start date = *2007-01-01*:

  o description 1: language id = *EN*, description

= *English Description of country group*.

  o description 2: language id = *FR*, description
    = *French Description of country group*.

  o description 3: language id = *NL*, description
    = *Dutch Description of country group*.

Transaction 4:

- Message 1: Insert a stable base regulation with
  regulation id = *R0800001*, regulation role type = *1*,
  start date = *2008-01-01*, end date = *2009-01-01*,
  community code = *1*, regulation group id = *GGA*,
  approved flag = *1*.

- Message 2: Insert a stable base regulation with
  regulation id = *R0800002*, regulation role type = *1*,
  start date = *2008-01-01*, end date = *2009-01-01*,
  community code = *1*, regulation group id = *GGA*,
  approved flag = *1*.

- Message 3: Insert a stable base regulation with
  regulation id = *R0800003*, regulation role type = *1*,
  start date = *2008-01-01*, community code = *3*,
  regulation group id = *GGA*, approved flag = *1*.

- Message 4: Insert an unstable base regulation with
  regulation id = *R0800004*, regulation role type = *1*,
  start date = *2008-01-01*, end date = *2009-01-01*,
  community code = *1*, regulation group id = *GGA*,
  approved flag = *1*.

- Message 5: Insert a stable base regulation with
  regulation id = *C0802001*, regulation role type = *1*,
  start date = *2008-01-01*, community code = *1*,
  regulation group id = *GGA*, approved flag = *1*.

- Message 6: Insert a stable base regulation with
  regulation id = *R0800003*, regulation role type = *3*,
  start date = *2008-09-04*, end date = *2008-12-21*,
  community code = *3*, regulation group id = *GGA*,
  approved flag = *1*.

- Message 7: Insert a stable base regulation with
  regulation id = *R0802008*, regulation role type = *1*,
  start date = *2008-01-01*, end date = *2009-01-01*,
  community code = *1*, regulation group id = *GGA*,
  approved flag = *1*.

Transaction 5:

- Message 51: Insert a stable prorogation regulation with regulation id = *C0801010*, regulation role type = *5*:

    o prorogation regulation action 1: regulation id = *R0800001*, regulation role type = *1*, extended date = *2009-05-02*.

    o prorogation regulation action 2: regulation id = *R0800002*, regulation role type = *1*, extended date = *2009-05-02*.

  approved flag = *1*.

- Message 52: Insert a stable prorogation regulation with regulation id = *R0801016*, regulation role type = *5*, approved flag = *1*.

Transaction 6:

- Message 52: Insert a stable prorogation regulation with regulation id = *R0801017*, regulation role type = *5*:

    o prorogation regulation action 1: regulation id = *R0800001*, regulation role type = *1*, extended date = *2009-05-03*.

  approved flag = *1*.

Transaction 7:

- Message 71: Insert a stable prorogation regulation with regulation id = *C0801027*, regulation role type = *5*, approved flag = *1*.

Expected output

Reply to transaction 1:

- Message 1, on language.ref : OK.

- Message 2, on language.ref : OK.

- Message 3, on language.ref : OK.

- Message 4, on regulation.role.type.ref : OK.

- Message 5, on regulation.role.type.ref : OK.

- Message 6, on regulation.role.type.ref : OK.

- Message 7, on regulation.role.type.ref : OK.

- Message 8, on regulation.role.type.ref : OK.

- Message 9, on regulation.role.type.ref : OK.

- Message 10, on regulation.role.type.ref : OK.

- Message 11, on regulation.role.type.ref : OK.

Reply to transaction 02:

- Message 1, on legal.regulation.ref : OK.

- Message 2, on legal.regulation.ref : OK.

- Message 3, on legal.regulation.ref : OK.

- Message 4, on legal.regulation.ref : OK.

- Message 5, on legal.regulation.ref : OK.

- Message 6, on legal.regulation.ref : OK.

- Message 7, on legal.regulation.ref : OK.

- Message 8, on legal.regulation.ref : OK.

- Message 9, on legal.regulation.ref : OK.

- Message 10, on legal.regulation.ref : OK.

- Message 11, on legal.regulation.ref : OK.

- Message 12, on legal.regulation.ref : OK.

- Message 13, on legal.regulation.ref : OK.

- Message 14, on legal.regulation.ref : OK.

- Message 15, on legal.regulation.ref : OK.

- Message 16, on legal.regulation.ref : OK.

- Message 17, on legal.regulation.ref : OK.

- Message 18, on legal.regulation.ref : OK.

- Message 19, on legal.regulation.ref : OK.

- Message 20, on legal.regulation.ref : OK.

- Message 21, on legal.regulation.ref : OK.

- Message 22, on legal.regulation.ref : OK.

- Message 23, on legal.regulation.ref : OK.

- Message 24, on legal.regulation.ref : OK.

- Message 25, on legal.regulation.ref : OK.

- Message 26, on legal.regulation.ref : OK.

- Message 27, on legal.regulation.ref : OK.

- Message 28, on legal.regulation.ref : OK.

- Message 29, on legal.regulation.ref : OK.

- Message 30, on legal.regulation.ref : OK.

- Message 31, on legal.regulation.ref : OK.

- Message 32, on legal.regulation.ref : OK.

- Message 33, on legal.regulation.ref : OK.

- Message 34, on legal.regulation.ref : OK.

- Message 35, on legal.regulation.ref : OK.

- Message 36, on legal.regulation.ref : OK.

- Message 37, on legal.regulation.ref : OK.

- Message 38, on legal.regulation.ref : OK.

- Message 39, on legal.regulation.ref : OK.

- Message 40, on legal.regulation.ref : OK.

Reply to transaction 3:

- Message 1, on regulation.group.ref : OK.

Reply to transaction 4:

- Message 1, on base.regulation.ref : OK.

- Message 2, on base.regulation.ref : OK.

- Message 3, on base.regulation.ref : OK.

- Message 4, on base.regulation.ref : OK.

- Message 5, on base.regulation.ref : OK.

- Message 6, on base.regulation.ref : OK.

- Message 7, on base.regulation.ref : OK.

Reply to transaction 5:

- Message 51, on prorogation.regulation.ref : OK.

- Message 52, on prorogation.regulation.ref : OK.

Reply to transaction 6:

- Message 52, on prorogation.regulation.ref : OK.

Reply to transaction 7:

- Message 71, on prorogation.regulation.ref : OK.

2.7.1. Taric3 Prorogation Regulation Replacement Insert

Message   dm_pror_replace_insert_01.out.xml

Prerequisite   Make sure the message dm_ref_tc_delete_setup_01.xml have been correctly processed by the system.

Content   Transaction 1:

- Message 11: Insert prorogation regulation replacement with regulation id = *C0800000*, regulation role type = *5*, regulation id = *R0801016*, regulation role type = *5*.

Transaction 2:

- Message 21: Insert prorogation regulation replacement with regulation id = *C0800000*, regulation role type = *5*, regulation id = *R0800000*, regulation role type = *5*.

Transaction 3:

- Message 31: Insert prorogation regulation replacement with regulation id = *C0801010*, regulation role type = *5*, regulation id = *R0801017*, regulation role type = *5*.

Transaction 4:

- Message 41: Insert prorogation regulation replacement with regulation id = *R0801017*, regulation role type = *5*, regulation id = *R0801016*, regulation role type = *5*.

Transaction 41:

- Message 411: Update the stable prorogation regulation with regulation id = *C0801027*, regulation role type = *5*, replacement indicator = *1*, approved flag = *1*.

- Message 412: Insert stable prorogation regulation replacement with regulation id = *C0801027*, regulation role type = *5*, regulation id = *R0801016*, regulation role type = *5*.

Transaction 40:

- Message 401: Insert stable prorogation regulation replacement with regulation id = *C0802001*, regulation role type = *1*, regulation id = *R0802008*, regulation role type = *1*.

Transaction 5:

- Message 51: Insert stable prorogation regulation replacement with regulation id = *C0801010*, regulation role type = *5*, regulation id = *R0801016*, regulation role type = *5*:

> regulation id = *R0800004*, regulation role type = *1*, extended date = *2009-05-02*.

Transaction 6:

- Message 61: Insert stable prorogation regulation replacement with regulation id = *C0801010*, regulation role type = *5*, regulation id = *R0801016*, regulation role type = *5*:

> regulation id = *R0800002*, regulation role type = *1*, extended date = *1990-05-02*.

Expected output

Reply to transaction 1:

- Message 11, on draft.regulation.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 2:

- Message 21, on draft.regulation.ref : VR-VI-1: Data to be updated must exist.

- Message 21, on replacing.regulation.ref : VR-VI-1: Data to be updated must exist.

Reply to transaction 3:

- Message 31, on replacing.regulation.ref : VR-PRORACT-5: A regulation can only be prorogued once by the same prorogation regulation.

Reply to transaction 4:

- Message 41, on draft.regulation.ref : VR-RR-1: The replaced role-regulation must be a draft role-regulation.

Reply to transaction 41:

- Message 411, on prorogation.regulation.ref : OK.

- Message 412, on draft.regulation.ref : VR-RR-2: The draft role-regulation being replaced cannot already have been fully replaced.

Reply to transaction 40:

- Message 401, on regulation.role.type : ERROR: cvc-enumeration-valid, cvc-type.3.1.3.

- Message 401, on regulation.role.type : ERROR: cvc-enumeration-valid, cvc-type.3.1.3.

Reply to transaction 5:

- Message 51, on draft.regulation.ref : VR-RR-5: Each Extended/Prorogued regulation part of the extended regulation list should be part of the draft role-regulation propagation actions.

Reply to transaction 6:

- Message 61, on extended.date : VR-PRORACT-10: The new extension date must be greater than the effective end date of the prorogued regulation.

Message dm_pror_replace_insert_02.xml

Prerequisite Make sure the message dm_ref_tc_delete_setup_01.xml have been correctly processed by the system.

Content
- Message 21: Insert prorogation regulation replacement with regulation id = *C0801010*, regulation role type = *5*, regulation id = *R0801016*, regulation role type = *5*:

    regulation id = *R0800002*, regulation role type = *1*, extended date = *2009-05-04*.

Expected output Reply to transaction 1:

- Message 21, on replacing.regulation.ref : OK.

Message   dm_pror_replace_insert_03.xml

Prerequisite   Make sure the message dm_ref_tc_delete_setup_01.xml have been correctly processed by the system.

Content   Transaction 1:

- Message 11: Insert prorogation regulation replacement with regulation id = *C0801010*, regulation role type = *5*, regulation id = *R0801016*, regulation role type = *5*.

Transaction 2:

- Message 21: Insert prorogation regulation replacement with regulation id = *C0801027*, regulation role type = *5*, regulation id = *R0801016*, regulation role type = *5*.

Expected output   Reply to transaction 1:

- Message 11, on replacing.regulation.ref : OK.

Reply to transaction 2:

- Message 21, on replacing.regulation.ref : OK.

3. TEST REPORT FORM

3.1. Environment description

Hardware platform	Sun
Operating system	Solaris X
Official release number[1]	n1.n2.n3
ClearCase label[2]	TARIC3_INT_YYYYMMDD[x] or TARIC3_n1.n2.n3
System Test File version	1.00
Execution date	YYYY-MM-DD

3.2. Test case execution

Test case id	dm_ref_tc_insert		Status	
Message id	dm_ref_tc_insert_01.xml		Status	
Transaction id	Status		Comment	
1				
2				
3				
4				
5				
6				
Message id	dm_ref_tc_insert_02.xml		Status	
Transaction id	Status		Comment	
1				
2				
3				
4				
5				
6				
Message id	dm_ref_tc_insert_03.xml		Status	
Transaction id	Status		Comment	
1				
2				
3				
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9				
10				

[1] This information must only be filled in for testing of official delivery (e.g. 1.0.0).

[2] This information is only available to the development team and identifies the tested internal version.

11		
Message id	dm_ref_tc_insert_04.xml	Status
Transaction id	Status	Comment
1		
2		
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9		
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11		
12		
Test case id	dm_ref_tc_update	Status
Message id	dm_ref_tc_update_setup_01.xml	Status
Transaction id	Status	Comment
1		
2		
3		
4		
5		
Message id	dm_ref_tc_update_01.xml	Status
Transaction id	Status	Comment
1		
2		
3		
4		
5		
6		
Message id	dm_ref_tc_update_02.xml	Status
Transaction id	Status	Comment
1		
2		
3		
4		
5		
Message id	dm_ref_tc_update_03.xml	Status
Transaction id	Status	Comment
1		
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3		
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5		
Message id	dm_ref_tc_update_04.xml	Status
Transaction id	Status	Comment
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	7		
	8		
	9		
Message id	dm_ref_tc_update_05.xml		Status
Transaction id	Status		Comment
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
Message id	dm_ref_tc_update_06.xml		Status
Transaction id	Status		Comment
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
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	10		
Test case id	dm_ref_tc_delete		Status
Message id	dm_ref_tc_delete_setup_01.xml		Status
Transaction id	Status		Comment
	1		
	2		
Message id	dm_ref_tc_delete_01.xml		Status
Transaction id	Status		Comment
	1		
	2		
	3		
	4		
	5		
Test case id	dm_made_insert		Status
Message id	dm_made_insert_01.xml		Status
Transaction id	Status		Comment
	1		
	2		
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	9		
	10		
	11		

Message id	dm_made_insert_02.xml	Status	
Transaction id	Status	Comment	
1			
2			
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7			
Message id	dm_made_insert_04.xml	Status	
Transaction id	Status	Comment	
1			
Test case id	dm_made_update	Status	
Message id	dm_made_update_setup_01.xml	Status	
Transaction id	Status	Comment	
1			
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3			
4			
Message id	dm_made_update_setup_02.xml	Status	
Transaction id	Status	Comment	
1			
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8			
Message id	dm_made_update_01.xml	Status	
Transaction id	Status	Comment	
1			
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5			
Message id	dm_made_update_02.xml	Status	
Transaction id	Status	Comment	
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Message id	dm_made_update_03.xml	Status	
Transaction id	Status	Comment	
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5			
Message id	dm_made_update_04.xml	Status	
Transaction id	Status	Comment	
1			

	2		
	3		
	4		
Message id	dm_made_update_05.xml	Status	
Transaction id	Status	Comment	
	1		
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	3		
	4		
	5		
	6		
Message id	dm_made_update_06.xml	Status	
Transaction id	Status	Comment	
	1		
	2		
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	6		
	7		
Test case id	dm_made_delete	Status	
Message id	dm_made_delete_setup_01.xml	Status	
Transaction id	Status	Comment	
	1		
	2		
	3		
	4		
	5		
	6		
Message id	dm_made_delete_01.xml	Status	
Transaction id	Status	Comment	
	1		
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	6		
	7		
Test case id	dm_made_insert	Status	
Message id	dm_made_insert_setup_01.xml	Status	
Transaction id	Status	Comment	
	1		
	2		
	3		
Message id	dm_made_insert_01.xml	Status	
Transaction id	Status	Comment	
	1		
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	3		
	4		
	5		
	6		
	7		

	8		
	9		
	10		
	11		
	12		
	13		
Message id	dm_made_insert_02.xml		Status
Transaction id	Status		Comment
	1		
	2		
	3		
	4		
	5		
	6		
	7		
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	14		
	15		
Test case id	dm_made_update		Status
Message id	dm_made_update_setup_01.xml		Status
Transaction id	Status		Comment
	1		
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	9		
Message id	dm_made_update_01.xml		Status
Transaction id	Status		Comment
	1		
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	3		
	4		
	5		
	6		
Message id	dm_made_update_02.xml		Status
Transaction id	Status		Comment
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	5		
	6		
	7		
	8		

Message id	dm_made_update_03.xml	Status	
Transaction id	Status	Comment	
1			
2			
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Test case id	dm_made_delete	Status	
Message id	dm_made_delete_setup_01.xml	Status	
Transaction id	Status	Comment	
1			
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Message id	dm_made_delete_01.xml	Status	
Transaction id	Status	Comment	
1			
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5			
Test case id	dm_ref_mua_insert	Status	
Message id	dm_ref_mua_insert_01.xml	Status	
Transaction id	Status	Comment	
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17			
Message id	dm_ref_mua_insert_02.xml	Status	
Transaction id	Status	Comment	
1			
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7			
8			
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	16		
	17		
	18		
	19		
Message id	dm_ref_mua_insert_03.xml	Status	
Transaction id	Status	Comment	
	1		
	2		
	3		
	4		
Message id	dm_ref_mua_insert_04.xml	Status	
Transaction id	Status	Comment	
	1		
	2		
	3		
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	6		
	7		
	8		
Test case id	dm_ref_mua_update	Status	
Message id	dm_ref_mua_update_setup_01.xml	Status	
Transaction id	Status	Comment	
	1		
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	11		
Message id	dm_ref_mua_update_01.xml	Status	
Transaction id	Status	Comment	
	1		
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	6		
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	8		
Message id	dm_ref_mua_update_02.xml	Status	
Transaction id	Status	Comment	
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Message id	dm_ref_mua_update_03.xml	Status	
Transaction id	Status	Comment	
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Message id	dm_ref_mua_update_04.xml	Status	
Transaction id	Status	Comment	
1			
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Message id	dm_ref_mua_update_05.xml	Status	
Transaction id	Status	Comment	
1			
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Message id	dm_ref_mua_update_06.xml	Status	
Transaction id	Status	Comment	
1			
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Test case id	dm_ref_mua_delete	Status	
Message id	dm_ref_mua_delete_setup_01.xml	Status	
Transaction id	Status	Comment	
1			
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5			

Message id	dm_ref_mua_delete_01.xml	Status	
Transaction id	Status	Comment	
1			
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	4		
	5		
	6		
	7		

Test case id	dm_mexr_insert		Status
Message id	dm_mexr_insert_01.xml		Status
Transaction id	Status		Comment
	1		
	2		
	3		
	4		
	5		
	6		
	7		
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Message id	dm_mexr_insert_02.xml		Status
Transaction id	Status		Comment
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		

Test case id	dm_mexr_update		Status
Message id	dm_mexr_update_setup_01.xml		Status
Transaction id	Status		Comment
	1		
	2		

Message id	dm_mexr_update_01.xml		Status
Transaction id	Status		Comment
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Message id	dm_mexr_update_02.xml		Status
Transaction id	Status		Comment
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	3		
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	7		

Message id	dm_mexr_update_03.xml		Status
Transaction id	Status		Comment
	1		
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	5		
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	7		

Test case id	dm_mexr_delete	Status	
Message id	dm_mexr_delete_setup_01.xml	Status	
Transaction id	Status	Comment	
1			

Message id	dm_mexr_delete_01.xml	Status	
Transaction id	Status	Comment	
1			
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3			
4			
5			

Test case id	Regulations	Status	
Message id	regulations_query_setup.xml	Status	
Transaction id	Status	Comment	
1			
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14			
15			

Message id	regulations_query.xml	Status	
Transaction id	Status	Comment	
1			
2			
3			
4			
5			

Test case id	Prorogation Regulation Replacement	Status	
Message id	init_ref_pror_replace_insert_setup.xml	Status	
Transaction id	Status	Comment	
1			
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6			
7			

Message id	dm_pror_replace_insert_01.xml	Status	
Transaction id	Status	Comment	

	1		
	2		
	3		
	4		
	41		
	40		
	5		
	6		
Message id	dm_pror_replace_insert_02.xml	Status	
Transaction id	Status	Comment	
	1		
Message id	dm_pror_replace_insert_03.xml	Status	
Transaction id	Status	Comment	
	1		
	2		