

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
DOCUMENT HISTORY	Ref: IDS-CTP

ORIGINATOR: TAXUD/R5	ISSUE DATE: 10/08/2010	VERSION: 3.00-EN
<p style="text-align: center;">SUBJECT:</p> <p style="text-align: center;">IDS-CTP</p> <p style="text-align: center;">Conformance Test Plan</p>		

DOCUMENT HISTORY

EDI.	REV.	DATE	DESCRIPTION	ACTION(*)	PAGES
0	01	06/04/2009	Submitted for internal review.	I	All
0	02	08/04/2009	Implemented internal review comments.	I,U,D	As Required
0	03	04/05/2009	Sent for Information.	-	-
0	04	29/05/2009	Implementation of changes done in TARIC3-OUB-PM.	I,U	As Required
0	10	23/06/2009	Implemented internal review comments. Sent for review.	I,U,D	As Required
1	00	10/07/2009	Implemented review comments. Submitted for acceptance.	U,D	As Required
1	01	05/10/2009	Updated prerequisites and location of EDIFACT and XML files in test cases.	U	Chapter 3 and all annexes.
1	02	16/12/2009	Updated for defect 5389, 5349	U, D	As Required
1	03	25/02/2010	Updaed for defect 5897, 5906	U,D	As Required
1	04	22/03/2010	Updated according to comments from QA, applied 5897 again.	U,D	As Required
1	05	16/04/2010	Updated for defects: 6206, 6202, 6191, 6194, 6123	U,D	As Required

TAXUD/R5 – IDS-CTP	Ref: STDEV-TMES

1	06	27/04/2010	Updated to correct section numbering for 2.6. Updated for defects: 6348, 6349, 6200, 6201	U	As Required
1	07	04/05/2010	Updated for defects: 6374, 6375, 6427, 6428, 6430, 6436, 6449	U	As Required
1	10	12/05/2010	Sent for review.	-	-
1	11	19/05/2010	Updated for defects: 6555, 6537, 6629, 6536, 6538	U,D	As Required
1	12	27/05/2010	Updated for defects: 6685, 6630, 6691, 6690, 6689, 6688, 6693, 6702, 6704, 6707, 6709	D	As Required
1	13	31/05/2010	Updated for defects: 6694	U	As Required
1	14	07/06/2010	Updated for defects: 6696, 6905, 6705, 6727, 6810, 6904	U	Section 3
2	00	09/06/2010	Sent for acceptance.	-	-
2	10	15/07/2010	Sent for review.	-	-
3	00	10/08/2010	Implementation of review comments. Sent for acceptance.	U	As Required
3	01		Updated for defects: 7458, 7460, 7466, 7467, 7468, 7470, 7471, 7472, 7475, 7476, 7477, 7478, 7479, 7484, 7485, 7486, 7538 and 7571.	U	As Required

(*) ACTION: I=INSERT U=UPDATE D=DELETE

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TABLE OF CONTENTS	Ref: IDS-CTP

TABLE OF CONTENTS

1	INTRODUCTION.....	6
1.1	Objective of this document	6
1.2	Structure of this document	6
1.3	Intended audience.....	6
1.4	Abbreviations and acronyms	7
1.5	Reference documents	7
1.6	Applicable documents	7
2	TEST ENVIRONMENT	8
2.1	Test scenario coverage	8
2.2	Naming conventions.....	8
2.3	Test case structure	9
2.4	General procedure	9
2.4.1	Extraction download	9
2.5	Preliminary conditions before executing the test plan.....	10
2.6	Exceptions to the test plan execution.....	10
3	TEST CASES	11
3.1	FULL EXTRACTION OUTPUT BRIDGE.....	11
3.1.1	Connectivity	11
3.1.2	Successful process of the full extraction	16
3.1.3	Exception process during full extraction.....	23
3.2	INCREMENTAL EXTRACTION OUTPUT BRIDGE.....	52
3.2.1	Connectivity	52
3.2.2	Successful process of the incremental extraction	54
3.2.3	Exception process during incremental extraction	70

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TABLE OF CONTENTS	Ref: IDS-CTP

ANNEX 1: COVERAGE MATRIX	102
ANNEX 2: FORMAT AND FILE COVERAGE	106
ANNEX 3: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_01	117
ANNEX 5: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_03	118
ANNEX 6: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_04	124
ANNEX 7: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_05	126
ANNEX 9: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_07	128
ANNEX 10: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_08	134
ANNEX 19: MESSAGE LIST TEST CASE DIFF_REJINSERT_01	136
ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02	142
ANNEX 21: MESSAGE LIST TEST CASE DIFF_REJUPDATE_01	149
ANNEX 22: MESSAGE LIST TEST CASE DIFF_REJUPDATE_02	155
ANNEX 23: MESSAGE LIST TEST CASE DIFF_REJDELETE_01	161
ANNEX 24: MESSAGE LIST TEST CASE DIFF_REJDELETE_02	163

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
LIST OF TABLE	Ref: IDS-CTP

LIST OF TABLE

Table 1: Reference documents.....7

Table 2: Applicable documents7

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
INTRODUCTION	Ref: IDS-CTP

1 INTRODUCTION

1.1 Objective of this document

This document defines the conformance test plan to be performed by a MS in order to verify that its system conforms to the [Applicable documents](#). In case of XML, the specification is documented in the [TAR3-TMES](#) file, while the EDIFACT specification can be found in the [TARIC3-IDS](#) documents.

The MS applications may receive and process extractions of data from the central system. This test plan will validate that a MS can correctly process the full and incremental extraction messages provided by the TARIC3 Output Bridge facility.

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

1.2 Structure of this document

This document is composed of following chapters:

- [Introduction](#) gives a small introduction;
- [Test environment](#) presents the testing environment;
- [Test Cases](#) contain the test cases, sub-divided per type of information exchange (Full extraction data and Incremental extraction data).

There are also some additional annexes:

- [Annex 1](#) presents the coverage Matrix;
- [Annex 2](#) splits up the test cases according to the file format and type;
- [Annex 3](#) till [Annex 24](#) list the messages to process and their reason to fail.

1.3 Intended audience

This document is intended for people responsible for testing MS applications participating in the Output Bridge satellite system.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
INTRODUCTION	Ref: IDS-CTP

1.4 Abbreviations and acronyms

CCN	Common Communication Network
CDCO	Centrally Developed, Centrally Operated
EDIFACT	Electronic Data Interchange For Administration, Commerce and Transport
IDS	Interface Data Specification
ISO	International Organisation for Standardization
ITSM	Information Technology Service Management
MS	Member State
TARIC	TARif Intégré Communautaire
XML	eXtensible Markup Language

1.5 Reference documents

Reference	Description
IDS-CTS	TARIC3-Interface Data Specification-Conformance Test Scenarios-v4.00-EN
TARIC3-OUB-PM	TARIC3 Output Bridge – Process Model –v1.01-EN

Table 1: Reference documents

1.6 Applicable documents

Reference	Description
TARIC3-IDS	TARIC3-Interface Data Specification 1.Principles-v0.47-EN TARIC3-Interface Data Specification 2.Elements-v0.47-EN TARIC3-Interface Data Specification 3.Records-v0.47-EN TARIC3-Interface Data Specification 3.Rules-v0.47-EN
TAR3-TMES	TARIC3 Technical Message Exchange Specification–v4.02-EN

Table 2: Applicable documents

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST ENVIRONMENT	Ref: IDS-CTP

2 TEST ENVIRONMENT

2.1 Test scenario coverage

The conformance test plan covers the conformance test scenarios defined in the [IDS-CTS](#) document. For each conformance test scenario, one or several test cases are defined. The matrix in [Annex 1](#) clearly identifies which test cases implement which test scenario. The matrix in [Annex 2](#) shows which file format and type the test cases will use.

2.2 Naming conventions

Each test case defined in this conformance test plan has a unique identifier that has the following structure:

<facility>_<test-case-id>_<sequence_number>

where:

- *<facility>* is the identifier of the facilities defined in the conformance Matrix of the [IDS-CTS](#) document: fullextract (full extraction), diff (incremental extraction);
- *<test-case-id>* is the identifier of the test case;
- *<sequence-number>* is a sequential number that uniquely identifies a test case. The sequence number ranges from 01 to 99.

When a MS executes a given test case of the conformance test plan, several extraction messages (full extractions and/or differential extractions) must be processed by the MS system. Those messages are provided with this conformance test plan and are organized in a folder structure based upon naming conventions. The MS must change the names of these files in order to conform to their specific values. The language dependent data in the files is available in English and/or French.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST ENVIRONMENT	Ref: IDS-CTP

2.3 Test case structure

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

- Location:** Path of the extraction messages to be processed.
- F-medium = the medium onto which the full extraction files are put, most probably a DVD (The renamed messages related to the full extractions need to be put on the F-medium with respect to the folder structure and message format (e.g. [Removed]\fullextract_connect_02\OBEXTACTFR). The technical manner to implement this is out of scope of this test plan;
- I-Medium = the medium onto which the incremental extraction files are put, most probably a local disk (The renamed incremental extraction messages are made accessible to the MS with preservation of the folder structure that was delivered together with this Conformance Test Plan (e.g. [Removed]diff_sequence_01\ T1209001).
- Precondition:** All the required conditions that must be fulfilled before the execution of the test case along with prescriptions that the operator must conform to.
- Content:** The description of the test case. This is the part that the MS will need to perform.
- Result:** The expected result that the operator must verify.

2.4 General procedure

2.4.1 Extraction download

Before the MS can continue with the execution of the test cases, the steps below have to be executed by the MS:

- 1- The MS will need to rename the messages which were delivered together with this document. The purpose is to replace the parameters used in the original messages with the relevant values from the MS. The incremental and full extraction messages ([Removed], [Removed], [Removed], [Removed] and [Removed]) should be named according to some specific conventions, where “ll” refers to the language used by the MS, the “[Removed]” refers to the application id which is passed to the function by the batch scheduler (e.g. OBEXT), and the “dd” refers to the destination-id of the MS. In order to complete the renaming, the MS will need to know the necessary information regarding their [ISO639] official language codes and their destination-id. In addition, they also have to receive the value of the id from the application that

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST ENVIRONMENT	Ref: IDS-CTP

will create the full and incremental extraction messages (OBEXT). The language dependent data in the message(s) is available in English and/or French;

- 2- The renamed messages related to the full extractions need to be put on the F-medium with respect to the folder structure and message format (e.g. [Removed]\fullextract_connect_02\OBEXTACTFR). The technical manner to implement this is out of scope of this test plan;
- 3- The renamed incremental extraction messages are made accessible to the MS with preservation of the folder structure that was delivered together with this Conformance Test Plan (e.g. [Removed]diff_sequence_ 01\ T1209001).

For each test case, the steps below have to be executed for each message related to the test case:

- 1- The MS system picks up and processes the envelope;
- 2- The MS verifies that the MS system reports the expected result, which is specified in the test case specification. The technical manner to check this is out of scope of this test plan.

2.5 Preliminary conditions before executing the test plan

Before executing each test case of the conformance test plan, ensure that the MS system that allows the proper execution of the tests is up and running.

2.6 Exceptions to the test plan execution

Depending on their situation, some MSA will experience difficulties with the loading of full extraction files at the level of records where an element in the active files depends on elements present in the archive files.

The preferred loading order is: first archive, then active files.

If the problem is experienced the other way around (element in archive file depends on element in active file), the only way to load the file is to switch off constraints. Some negative testcases will not be able to be executed and can be noted as "national deviation".

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3 TEST CASES

In the following test cases, both XML and the corresponding EDIFACT files are stored in the same folder. In order to excute the test cases, the file with the matching extention has to be retrieved.

3.1 FULL EXTRACTION OUTPUT BRIDGE

3.1.1 Connectivity

Given the interaction between the MS application, the F-medium and the CDCO system, it is important to test that the data streams between the applications do not exhibit any corruption or do not encounter some connection or transmission errors. The following test cases are written to ensure that the MS application can connect to the full extraction messages on the F-medium without any problem.

3.1.1.1 Test case fullextract_connect_01: Connect to the message with static and active language independent data (XML)

Location: [Removed]\fullextract_connect_01\.

Precondition:

- The message is delivered on the F-medium, is renamed and is accessible;
- The MS application is configured to process the static and active language independent data;
- The MS application is configured to handle the XML message format;
- The MS database to initialize is empty.

Content:

1. Connect with the MS application to the full extraction message, containing the static and active language independent data.

Result:

1. The MS system gets the message which was delivered by the CDCO system via the F-medium;
2. The message that the MS system picks up is identical to the original one from the F-medium.

3.1.1.2 Test case fullextract_connect_02: Connect to the message with static and active language independent data (EDIFACT)

Location: [Removed]\fullextract_connect_01\.

Precondition:

- The message is delivered on the F-medium, is renamed and is accessible;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The MS application is configured to process the static and active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS database to initialize is empty.

Content:

1. Connect with the MS application to the full extraction message, containing the static and active language independent data.

Result:

1. The MS system gets the message which was delivered by the CDCO system via the F-medium;
2. The message that the MS system picks up is identical to the original one from the F-medium.

3.1.1.3 Test case fullextract_connect_03: Connect to the message with active language dependent data (XML)

Location:

[Removed]\fullextract_connect_03\.

Precondition:

- The message is delivered on the F-medium, is renamed and is accessible;
- The MS application is configured to process the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the XML message format;
- The MS database to initialize is empty.

Content:

1. Connect with the MS application to the full extraction message, containing the static and active language dependent data for the [ISO639] languages.

Result:

1. The MS system gets the message which was delivered by the CDCO system via the F-medium;
2. The message that the MS system picks up is identical to the original one from the F-medium.

3.1.1.4 Test case fullextract_connect_04: Connect to the message with active language dependent data (EDIFACT)

Location:

[Removed]\fullextract_connect_03\.

Precondition:

- The message is delivered on the F-medium, is renamed and is accessible;
- The MS application is configured to process the active language

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

dependent data for the [ISO639] languages provided in the message(s);

- The MS application is configured to handle the EDIFACT message format;
- The MS database to initialize is empty.

Content:

1. Connect with the MS application to the full extraction message, containing the static and active language dependent data for the [ISO639] languages.

Result:

1. The MS system gets the message which was delivered by the CDCO system via the F-medium;
2. The message that the MS system picks up is identical to the original one from the F-medium.

3.1.1.5 Test case fullextract_connect_05: Connect to the message with the archive language independent data (XML)

Location:

[Removed]\fullextract_connect_05\.

Precondition:

- The message is delivered on the F-medium, is renamed and is accessible;
- The MS application is configured to process the archive language independent data;
- The MS application is configured to process the active language independant and dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the XML message format;
- The MS database to initialize is empty.

Content:

1. Connect with the MS application to the full extraction message, containing the static and active language dependent data for the [ISO639] languages.
2. Connect with the MS application to the full extraction message, containing the archive language independent data.

Result:

1. The MS system gets the message which was delivered by the CDCO system via the F-medium;
2. The message that the MS system picks up is identical to the original one from the F-medium.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.1.6 Test case fullextract_connect_06: Connect to the message with archive language independent data (EDIFACT)

Location: [Removed]\fullextract_connect_05\.

Precondition:

- The message is delivered on the F-medium, is renamed and is accessible;
- The MS application is configured to process the archive language independent data;
- The MS application is configured to process the active language independant and dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the EDIFACT message format;
- The MS database to initialize is empty.

Content:

1. Connect with the MS application to the full extraction message, containing the static and active language dependent data for the [ISO639] languages.
2. Connect with the MS application to the full extraction message, containing the archive language independent data.

Result:

1. The MS system gets the message which was delivered by the CDCO system via the F-medium;
2. The message that the MS system picks up is identical to the original one from the F-medium.

3.1.1.7 Test case fullextract_connect_07: Connect to the message with the archive language dependent data (XML)

Location: [Removed]\fullextract_connect_07\.

Precondition:

- The message is delivered on the F-medium, is renamed and is accessible;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to process the active language independant and dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the XML message format;
- The MS database to initialize is empty.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- Content:**
1. Connect with the MS application to the full extraction message, containing the static and active language dependent data for the [ISO639] languages.
 2. Connect with the MS application to the full extraction message, containing the archive language dependent data for the [ISO639] languages.

- Result:**
1. The MS system gets the message which was delivered by the CDCO system via the F-medium;
 2. The message is identical to the original one from the F-medium.

3.1.1.8 Test case fullextract_connect_08: Connect to the message with archive language dependent data (EDIFACT)

Location: [Removed]\fullextract_connect_07\.

- Precondition:**
- The message is delivered on the F-medium, is renamed and is accessible;
 - The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s);
 - The MS application is configured to process the active language independant and dependent data for the [ISO639] languages provided in the message(s);
 - The MS application is configured to handle the EDIFACT message format;
 - The MS database to initialize is empty.

- Content:**
1. Connect with the MS application to the full extraction message, containing the static and active language dependent data for the [ISO639] languages.
 2. Connect with the MS application to the full extraction message, containing the archive language dependent data for the [ISO639] languages.

- Result:**
1. The MS system gets the message which was delivered by the CDCO system via the F-medium;
 2. The message is identical to the original one from the F-medium.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.2 Successful process of the full extraction

3.1.2.1 Test case fullextract_load_01: MS requested an initial load with all full extraction files (XML format)

Location: [Removed]\fullextract_load_01\.

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are accessible and renamed;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with the MS application.
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with the MS application.

Result:

1. The four full extraction messages are successfully processed;
2. The data from the four full extraction messages are entirely stored in the MS system with the correct values;
3. Only the data used in the four full extraction messages are present in the MS system, no other data have been added in the MS system.

3.1.2.2 Test case fullextract_load_02: MS requested an initial load with the active language independent and dependent data (XML format)

Location: [Removed]\fullextract_load_02\.

Precondition:

- The requested full extraction messages with the active language dependent and independent data are delivered on the F-medium,

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

are accessible and renamed;

- The MS application is configured to process the active language dependent and independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the message with the active language independent data;
2. Load with the MS application the message with the active language dependent data.

Result:

1. The full extraction messages are successfully processed;
2. The data from the full extraction messages are entirely stored in the MS system with the correct values;
3. Only the data used in the full extraction message are present in the MS system, no other data have been added in the MS system.

3.1.2.3 Test case fullextract_load_04: MS requested an initial load of all full extraction files (EDIFACT format)

Location:

[Removed]\fullextract_load_01\.

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are accessible and renamed;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with the MS application.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3. Load the archive language independent data message with the MS application;

4. Load the archive language dependent data message with the MS application.

Result:

1. The four full extraction messages are successfully processed;
2. The data from the four full extraction messages are entirely stored in the MS system with the correct values;
3. Only the data used in the four full extraction messages are present in the MS system, no other data have been added in the MS system.

3.1.2.4 Test case fullextract_load_05: MS requested an initial load of the active language independent and dependent data (EDIFACT format)

Location:

[Removed]\fullextract_load_02\.

Precondition:

- The requested full extraction messages with the active language independent and dependent data are delivered on the F-medium, are accessible and renamed;
- The MS application is configured to process the active language independent and dependent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the message with the active language independent data;
2. Load with the MS application the message with the active language dependent data.

Result:

1. The full extraction messages are successfully processed;
2. The data from the full extraction messages are entirely stored in the MS system with the correct values;
3. Only the data used in the full extraction message are present in the MS system, no other data have been added in the MS system.

3.1.2.5 Test case fullextract_ing_02: Full extraction (XML – multiple languages – several active language dependent messages)

Location:

[Removed]\fullextract_ing_02\.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- Precondition:**
- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are accessible and renamed;
 - The MS application is configured to process the active language independent data and the active language dependent data for the [ISO639] languages provided in the message(s);
 - The MS application is configured to handle the XML message format and multiple [ISO639] languages;
 - The MS system is up and running;
 - The MS database to initialize is empty.

- Content:**
1. Load the active language independent data message with the MS application;
 2. Load the active language dependent data message with the MS application, for two [ISO639] languages.

- Result:**
1. The MS system has processed all the loaded files;
 2. The data from all the loaded full extraction messages are entirely stored in the MS system with the correct values;
 3. Only the data used in the full extraction messages are present in the MS system, no other data have been added in the MS system.

3.1.2.6 Test case fullextract_ing_03: Full extraction (XML – multiple languages – 1 active language dependent message)

Location: [Removed]\fullextract_ing_03\.

- Precondition:**
- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are accessible and renamed;
 - The MS application is configured to process the active language independent data and the active language dependent data for the [ISO639] languages provided in the message(s);
 - The MS application is configured to handle the XML message format and multiple [ISO639] languages;
 - The MS system is up and running;
 - The MS database to initialize is empty.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- Content:**
1. Load the active language independent data message with the MS application;
 2. Load the active language dependent data message with the MS application for only 1 of the [ISO639] languages.

- Result:**
1. The MS system has processed all the loaded files;
 2. The data from the full extraction messages are entirely stored in the MS system with the correct values;
 3. Only the data used in the full extraction messages are present in the MS system, no other data have been added in the MS system;
 4. The MS system did not complain that it did not receive a language dependent file for every of the configured languages of the MS.

3.1.2.7 Test case fullextract_ing_06: Full extraction (XML – 1 language - active language dependent message)

Location: [Removed]\fullextract_ing_06\.

- Precondition:**
- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are accessible and renamed;
 - The MS application is configured to process the active language independent data and the archive language dependent data for the official [ISO639] language provided in the message(s);
 - The MS application is configured to handle the XML message format and only 1 [ISO639] language;
 - The MS system is up and running;
 - The MS database to initialize is empty.

- Content:**
1. Load the active language independent data message with the MS application;
 2. Load the active language dependent data message with the MS application for the only official [ISO639] language.

- Result:**
1. The MS system has processed all the loaded files;
 2. The data from the full extraction messages are entirely stored in the MS system with the correct values;
 3. Only the data used in the full extraction messages are present in the MS system, no other data have been added in the MS system.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.2.8 Test case fullextract_ing_08: Full extraction (EDIFACT – multiple languages – several active language dependent messages)

Location: [Removed]\fullextract_ing_02\.

Precondition:

- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are accessible and renamed;
- The MS application is configured to process the active language independent data and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the EDIFACT message format and multiple [ISO639] languages;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with the MS application, for the two [ISO639] languages.

Result:

1. The MS system has processed all the loaded files;
2. The data from the full extraction messages are entirely stored in the MS system with the correct values;
3. Only the data used in the full extraction messages are present in the MS system, no other data have been added in the MS system.

3.1.2.9 Test case fullextract_ing_09: Full extraction (EDIFACT – multiple languages – 1 active language dependent message)

Location: [Removed]\fullextract_ing_03\.

Precondition:

- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are accessible and renamed;
- The MS application is configured to process the active language independent data and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the EDIFACT message format and multiple [ISO639] languages;
- The MS system is up and running;
- The MS database to initialize is empty.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- Content:**
1. Load the active language independent data message with the MS application;
 2. Load the active language dependent data message with the MS application for only 1 of the official [ISO639] languages.

- Result:**
1. The MS system has processed all the loaded files;
 2. The data from the full extraction messages are entirely stored in the MS system with the correct content;
 3. Only the data used in the full extraction messages are present in the MS system, no other data have been added in the MS system;
 4. The MS system did not complain that it did not receive a language dependent file for every of the configured languages of the MS.

3.1.2.10 Test case fullextract_ing_12: Full extraction (EDIFACT – 1 language - active language dependent message)

Location: [Removed]\fullextract_ing_06\.

- Precondition:**
- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are accessible and renamed;
 - The MS application is configured to process the active language independent data and the archive language dependent data for the official [ISO639] language provided in the message(s);
 - The MS application is configured to handle the EDIFACT message format and only 1 [ISO639] language;
 - The MS system is up and running;
 - The MS database to initialize is empty.

- Content:**
1. Load the active language independent data message with the MS application;
 2. Load the active language dependent data message with the MS application for the only official [ISO639] language.

- Result:**
1. The MS system has processed all the loaded files;
 2. The data from the full extraction messages are entirely stored in the MS system with the correct content;
 3. Only the data used in the full extraction messages are present in the MS system, no other data have been added in the MS system.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.3 Exception process during full extraction

3.1.3.1 Test case fullextract_unknown_01: Unknown full extraction file (XML)

Location: [Removed]\fullextract_unknown_01\.

Precondition:

- The message is delivered on the F-medium and is accessible;
- The messages have been renamed;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content: 1. Load with the MS application the unknown file.

Results:

1. The application becomes aware of the unknown extraction message;
2. The content of the unknown file is not being processed.

3.1.3.2 Test case fullextract_unknown_02: Unknown full extraction file (EDIFACT)

Location: [Removed]\fullextract_unknown_01\.

Precondition:

- The message is delivered on the F-medium and is accessible;
- The messages have been renamed;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content: 1. Load with the MS application the unknown file.

Results:

1. The application becomes aware of the unknown extraction message;
2. The content of the unknown file is not being processed.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.3.3 Test case fullextract_unknown_03: Unknown full extraction file (unknown)

Location: [Removed]\fullextract_unknown_03\.

Precondition:

- The unknown message is delivered on the F-medium and is accessible;
- The messages have been renamed;
- The MS application is configured to handle the XML or EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content: 1. Load with the MS application the unknown file.

Results:

1. The application becomes aware of the unknown extraction message;
2. The content of the unknown file is not being processed.

3.1.3.4 Test case fullextract_unknown_04: Unknown file during load (XML)

Location: [Removed]\fullextract_unknown_04\.

Precondition:

- The requested full extraction messages are delivered on the F-medium and are accessible;
- The message is renamed, except for the fixed 'ARCH' or 'ACT' part;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the full extraction file that has to be loaded as first message in the MS application;
2. Load with the MS application the unknown file;
3. In case the MS application is configured to handle other full extraction files, continue with the full extraction process by loading the remaining full extraction files which can be treated by the MS application in correct

¹ Sequence order: 1. Archive independent file 2. Archive language dependent file 3. Active independent file 4. Active dependent file

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

sequence order.¹

Results:

1. The application becomes aware of the unknown extraction message and the content of this file is not being processed;
2. The full extraction process is completed, although it was disturbed with an unknown file.

3.1.3.5 Test case fullextract_unknown_05: Unknown file during load (EDIFACT)

Location:

[Removed]\fullextract_unknown_04\.

Precondition:

- The requested full extraction messages are delivered on the F-medium and are accessible;
- The messages have been renamed;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the full extraction file that has to be loaded as first message in the MS application;
2. Load with the MS application the unknown file;
3. In case the MS application is configured to handle other full extraction files, continue with the full extraction process by loading the remaining full extraction files which can be treated by the MS application in correct sequence order.²

Results:

1. The application becomes aware of the unknown extraction message and the content of this file is not being processed;
2. The full extraction process is completed, although it was disturbed with an unknown file.

3.1.3.6 Test case fullextract_loadNOK_01: Unsuccessful initial load (XML – all files requested – flaw in archive language independent file)

Location:

Annex 3.

² Sequence order: 1. Archive independent file 2. Archive language dependent file 3. Active independent file 4. Active dependent file

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- Precondition:**
- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
 - The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
 - The MS application is configured to handle the XML message format;
 - The MS system is up and running;
 - The MS database to initialize is empty.

- Content:**
1. Try to load the active language independent data message with the MS application;
 2. Try to load the active language dependent data message with the MS application;
 3. Load the archive language independent data message with the MS application;
 4. Try to load the archive language dependent data message with the MS application;
 5. Verify the results;
 6. Repeat the above steps for all records listed in [Annex 3](#).

- Results:**
1. The MS system detects the flaw in the archive language independent data;
 2. The full extraction process is not completed due to the flaw in the archive language independent file. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.7 Test case fullextract_loadNOK_03: Unsuccessful initial load (XML – all files requested – flaw in active language independent file)

Location: [Annex 5](#).

- Precondition:**
- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
 - The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

[ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;

- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application;
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with the MS application;
5. Verify the results;
6. Repeat the above steps for all records listed in [Annex 5](#).

Results:

1. The MS system detects the flaw in the active language independent data file;
2. The full extraction process is not completed due to the flaw in the active language independent file. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.8 Test case fullextract_loadNOK_04: Unsuccessful initial load (XML – all files requested – flaw in active language dependent file)

Location: [Annex 6](#).

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with the MS application;
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with the MS application;
5. Verify the results;
6. Repeat the above steps for all records listed in [Annex 6](#).

Results:

1. The MS system detects the flaw in the active language dependent data file;
2. The full extraction process is not completed due to the flaw in the active language dependent file. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.9 Test case fullextract_loadNOK_05: Unsuccessful initial load (EDIFACT – all files requested – flaw in archive language independent file)

Location: [Annex 7](#).

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Try to load the active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application;
3. Load the archive language independent data message

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

with the MS application;

4. Try to load the archive language dependent data message with the MS application;
5. Verify the results;
6. Repeat the above steps for all records listed in [Annex 7](#).

Results:

1. The MS system detects the flaw in the archive language independent data file;
2. The full extraction process is not completed due to the flaw in the archive language independent file. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.10 Test case fullextract_loadNOK_07: Unsuccessful initial load (EDIFACT – all files requested – flaw in active language independent file)

Location: [Annex 9](#).

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application;
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with the MS application;
5. Verify the results;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

6. Repeat the above steps for all records listed in [Annex 9](#).

Results:

1. The MS system detects the flaw in the active language independent data file;
2. The full extraction process is not completed due to the flaw in the active language independent file. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.11 Test case fullextract_loadNOK_08: Unsuccessful initial load (EDIFACT – all files requested – flaw in active language dependent file)

Location: [Annex 10](#).

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with the MS application;
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with the MS application;
5. Verify the results;
6. Repeat the above steps for all records listed in [Annex 10](#).

Results:

1. The MS system detects the flaw in the active language dependent data file;
2. The full extraction process is not completed due to the flaw in the active language dependent file. None of data listed in the extraction files are stored in the MS system,

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

because the rollback has been completed successfully.

3.1.3.12 Test case fullextract_empty_01: Full extraction (XML - all files - empty active language dependent message)

Location: [Removed]\fullextract_empty_01\.

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the empty active language dependent data message with the MS application;
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with the MS application.

Result:

1. The empty extraction message was most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction file is empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.13 Test case fullextract_empty_02: Full extraction (EDIFACT - all files requested - empty active language dependent message)

Location: [Removed]\fullextract_empty_01\.

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

delivered on the F-medium, are renamed and are accessible;

- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the empty active language dependent data message with the MS application;
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with the MS application.

Result:

1. The empty extraction message was most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction file is empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.14 Test case fullextract_empty_03: Full extraction (XML - 2 active files requested - empty active language dependent message)

Location:

[Removed]\fullextract_empty_03\.

Precondition:

- The requested full extraction messages with the active language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language dependent data for the [ISO639] languages provided in the message(s) and the active language independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with the MS application.

Result:

1. The empty extraction message was most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction file is empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.15 Test case fullextract_empty_04: Full extraction (EDIFACT - 2 active files requested - empty active language dependent message)

Location:

[Removed]\fullextract_empty_03\.

Precondition:

- The requested full extraction messages with the active language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language dependent data for the [ISO639] languages provided in the message(s) and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with the MS application.

Result:

1. The empty extraction message was most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction file is empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.3.16 Test case fullextract_empty_05: Full extraction (XML - all files - all empty)

Location: [Removed]\fullextract_empty_05\.

- Precondition:**
- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
 - The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
 - The MS application is configured to handle the XML message format;
 - The MS system is up and running;
 - The MS database to initialize is empty.

- Content:**
1. Try to load the empty active language independent data message with the MS application;
 2. Try to load the empty active language dependent data message with the MS application;
 3. Load the empty archive language independent data message with the MS application;
 4. Try to load the empty archive language dependent data message with the MS application.

- Result:**
1. The empty extraction messages were most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction files are empty and consequently the extraction process is stopped;
 2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.17 Test case fullextract_empty_06: Full extraction (XML - all files - empty language independent archive message)

Location: [Removed]\fullextract_empty_06\.

- Precondition:**
- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
 - The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

[ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;

- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Try to load the active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application;
3. Load the empty archive language independent data message with the MS application;
4. Try to load the archive language dependent data message with the MS application.

Result:

1. The empty extraction message was most probably imposed by an erroneous extraction. Hence the MS system must detect that one of the extraction files is empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.18 Test case fullextract_empty_07: Full extraction (EDIFACT – all files requested - all empty)

Location:

[Removed]\fullextract_empty_05\.

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

Content:

1. Try to load the empty active language independent data message with the MS application;
2. Try to load the empty active language dependent data message with the MS application;
3. Load the empty archive language independent data message with the MS application;
4. Try to load the empty archive language dependent data message with the MS application.

Result:

1. The empty extraction messages were most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction files are empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.19 Test case fullextract_empty_08: Full extraction (EDIFACT - all files requested – empty language independent archive message)

Location:

[Removed]\fullextract_empty_06\.

Precondition:

- The requested full extraction messages with the active and archive language independent and language dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive language dependent data for the [ISO639] languages provided in the message(s), the active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Try to load the active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application;
3. Load the empty archive language independent data message with the MS application;
4. Try to load the archive language dependent data message

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

with the MS application.

Result:

1. The empty full extraction message was most probably imposed by an erroneous extraction. Hence the MS system must detect that one of the extraction files is empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.20 Test case fullextract_empty_09: Full extraction (XML – active files requested - empty active language independent file)

Location:

[Removed]\fullextract_empty_09\.

Precondition:

- The requested full extraction messages with the active language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent and dependent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the empty active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application.

Result:

1. The empty full extraction message was most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction file is empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.21 Test case fullextract_empty_10: Full extraction (EDIFACT – active files requested - empty active language independent file)

Location:

[Removed]\fullextract_empty_09\.

Precondition:

- The requested full extraction messages with the active language independent and dependent data are delivered on the F-medium, are renamed and are accessible;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The MS application is configured to process the active language independent and dependent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the empty active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application.

Result:

1. The empty full extraction message was most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction file is empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.22 Test case fullextract_empty_11: Full extraction (XML – 4 files requested – 2 empty active files)

Location:

[Removed]\fullextract_empty_11\.

Precondition:

- The requested full extraction messages with the active and archive language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive and active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Try to load the empty active language independent data message with the MS application;
2. Try to load the empty active language dependent data message with the MS application;
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

the MS application.

Result:

1. The empty full extraction messages were most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction files are empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.23 Test case fullextract_empty_12: Full extraction (XML – 4 files requested – empty archive XML messages)

Location:

[Removed]\fullextract_empty_12\.

Precondition:

- The requested full extraction messages with the active and archive language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive and active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Try to load the active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application;
3. Load the empty archive language independent data message with the MS application;
4. Try to load the archive language dependent data message with the MS application.

Result:

1. The empty full extraction messages were most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction files are empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.3.24 Test case fullextract_empty_13: Full extraction (EDIFACT – 4 files requested – 2 empty active files)

Location: [Removed]\fullextract_empty_11\.

Precondition:

- The requested full extraction messages with the active and archive language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive and active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent data and the active language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Try to load the empty active language independent data message with the MS application;
2. Try to load the empty active language dependent data message with the MS application;
3. Load the archive language independent data message with the MS application;
4. Load the archive language dependent data message with the MS application.

Result:

1. The empty full extraction messages were most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction files are empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.25 Test case fullextract_empty_14: Full extraction (EDIFACT – 4 files requested – 2 empty archive messages)

Location: [Removed]\fullextract_empty_12\.

Precondition:

- The requested full extraction messages with the active and archive language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the archive and active language dependent data for the [ISO639] languages provided in the message(s), the archive language independent

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

data and the active language independent data;

- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Try to load the active language independent data message with the MS application;
2. Try to load the active language dependent data message with the MS application;
3. Load the empty archive language independent data message with the MS application;
4. Try to load the archive language dependent data message with the MS application.

Result:

1. The empty full extraction messages were most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction files are empty and consequently the extraction process is stopped;
2. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.26 Test case fullextract_empty_15: Full extraction (XML – 2 files requested –2 empty active files)

Location:

[Removed]\fullextract_empty_15\.

Precondition:

- The requested full extraction messages with the active language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language dependent data for the [ISO639] languages provided in the message(s) and the active language independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the empty active language independent data message with the MS application;
2. Try to load the empty active language dependent data message with the MS application.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- Result:**
1. The empty full extraction messages were most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction files are empty and consequently the extraction process is stopped.

3.1.3.27 Test case fullextract_empty_17: Full extraction (EDIFACT – 2 files requested – 2 empty active files)

Location: [Removed]\fullextract_empty_15\.

- Precondition:**
- The requested full extraction messages with the static active language independent and dependent data are delivered on the F-medium, are renamed and are accessible;
 - The MS application is configured to process the active language dependent data for the [ISO639] languages provided in the message(s) and the active language independent data;
 - The MS application is configured to handle the EDIFACT message format;
 - The MS system is up and running;
 - The MS database to initialize is empty.

- Content:**
1. Load the empty active language independent data message with the MS application;
 2. Try to load the empty active language dependent data message with the MS application.

- Result:**
1. The empty full extraction messages were most probably imposed by an erroneous extraction. Hence the MS system must detect that the extraction files are empty and consequently the extraction process is stopped.

3.1.3.28 Test case fullextract_unknownlng_02: Full extraction (XML – unknown language - active language dependent message)

Location: [Removed]\fullextract_unknownlng_02\.

- Precondition:**
- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium and are accessible;
 - The messages are renamed, except for the language of the active language dependent message;
 - The MS application is configured to process the active language independent data and the active language dependent data for the [ISO639] languages provided in the message(s);
 - The MS application is configured to handle the XML message

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

format;

- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with an [ISO639] language which does not belong to the MS.

Result:

1. The MS system detects that the language used in the file is not an official [ISO639] language of the MS;
2. The full extraction process is not completed due to the unknown language. None of data listed in the extraction files is stored in the MS system, because the rollback has been completed successfully.

3.1.3.29 Test case fullextract_unknownlng_04: Full extraction (EDIFACT – unknown language - active language dependent message)

Location:

[Removed]\fullextract_unknownlng_02\.

Precondition:

- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium and are accessible;
- The messages are renamed, except for the language of the active language dependent message;
- The MS application is configured to process the active language independent data and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the active language dependent data message with an [ISO639] language which does not belong to the MS.

Result:

1. The MS system detects that the language used in the file is not an official [ISO639] language of the MS;
2. The full extraction process is not completed due to the unknown language. None of data listed in the extraction files is stored in the MS system, because the rollback has

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

been completed successfully.

3.1.3.30 Test case fullextract_fileseq_01: Full extraction (XML – all files)

Location: [Removed]\fullextract_fileseq_01\.

Precondition:

- The requested full extraction messages with the active and archive independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data, the archive language independent data, the archive language dependent data for the [ISO639] languages provided in the message(s) and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language independent data message with the MS application;
2. Load the archive language independent data message with the MS application.

Result:

1. The MS system detects that the sequence of load is incorrect;
2. The full extraction process is not completed due to the incorrect sequence order. None of data listed in the extraction files is stored in the MS system, because the rollback has been completed successfully.

3.1.3.31 Test case fullextract_fileseq_02: Full extraction (EDIFACT – all files)

Location: [Removed]\fullextract_fileseq_01\.

Precondition:

- The requested full extraction messages with the active and archive independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data, the archive language independent data, the archive language dependent data for the [ISO639] languages provided in the message(s) and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the EDIFACT message format;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The MS system is up and running;
- The MS database to initialize is empty.

- Content:**
1. Load the active language independent data message with the MS application;
 2. Load the archive language independent data message with the MS application.

- Result:**
1. The MS system detects that the sequence of load is incorrect;
 2. The full extraction process is not completed due to the incorrect sequence order. None of data listed in the extraction files is stored in the MS system, because the rollback has been completed successfully.

3.1.3.32 Test case fullextract_fileseq_03: Full extraction (XML – 2 files)

Location: [Removed]\fullextract_fileseq_03\.

- Precondition:**
- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are renamed and are accessible;
 - The MS application is configured to process the active language independent data and the active language dependent data for the [ISO639] languages provided in the message(s);
 - The MS application is configured to handle the XML message format;
 - The MS system is up and running;
 - The MS database to initialize is empty.

- Content:**
1. Load the active language dependent data message with the MS application;
 2. Load the active language independent data message with the MS application.

- Result:**
1. The MS system detects that the sequence of load is incorrect;
 2. The full extraction process is not completed due to the incorrect sequence order. None of data listed in the extraction files is stored in the MS system, because the rollback has been completed successfully.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.3.33 Test case fullextract_fileseq_04: Full extraction (EDIFACT – 2 files)

Location: [Removed]\fullextract_fileseq_03\.

Precondition:

- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load the active language dependent data message with the MS application;
2. Load the active language independent data message with the MS application.

Result:

1. The MS system detects that the sequence of load is incorrect;
2. The full extraction process is not completed due to the incorrect sequence order. None of data listed in the extraction files is stored in the MS system, because the rollback has been completed successfully.

3.1.3.34 Test case fullextract_syntax_01: Data element syntax error (XML – all files – error in language independent archive file)

Location: [Removed]\fullextract_syntax_01\.

Precondition:

- The requested full extraction messages with the active and archive independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data, the archive language independent data, the archive language dependent data for the [ISO639] languages provided in the message(s) and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

Content:

1. Load with the MS application the archive language independent data message that includes the syntax error on data element level.

Result:

1. The MS system detects the syntax error in the data element;
2. The full extraction process is not completed due to the syntax error. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.35 Test case fullextract_syntax_02: Header syntax error (XML – all files – error in language independent archive file)

Location: [Removed]\fullextract_syntax_02\.

Precondition:

- The requested full extraction messages with the active and archive independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data, the archive language independent data, the archive language dependent data for the [ISO639] languages provided in the message(s) and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the archive language independent data message that includes the syntax error on header level.

Result:

1. The MS system detects the syntax error in the header of the extraction file;
2. The full extraction process is not completed due to the syntax error. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.36 Test case fullextract_syntax_03: Data element syntax error (XML – active independent language file)

Location: [Removed]\fullextract_syntax_03\.

Precondition:

- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium,

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

are renamed and are accessible;

- The MS application is configured to process the active language independent and dependent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the active language independent data message that includes the syntax error on data element level.

Result:

1. The MS system detects the syntax error in the data element;
2. The full extraction process is not completed due to the syntax error. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.37 Test case fullextract_syntax_04: Header syntax error (XML – active independent language file)

Location:

[Removed]\fullextract_syntax_04\.

Precondition:

- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent and dependent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the active language independent data message that includes the syntax error on header level.

Result:

1. The MS system detects the syntax error in the header of the extraction file;
2. The full extraction process is not completed due to the syntax error. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.3.38 Test case fullextract_syntax_05: Data element syntax error (EDIFACT – all files – error in language independent archive file)

Location: [Removed]\fullextract_syntax_01\.

Precondition:

- The requested full extraction messages with the active and archive independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data, the archive language independent data, the archive language dependent data for the [ISO639] languages provided in the message(s) and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the archive language independent data message that includes the syntax error on data element level.

Result:

1. The MS system detects the syntax error in the data element;
2. The full extraction process is not completed due to the syntax error. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.39 Test case fullextract_syntax_06: Header syntax error (EDIFACT – all files – error in language independent archive file)

Location: [Removed]\fullextract_syntax_02\.

Precondition:

- The requested full extraction messages with the active and archive independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data, the archive language independent data, the archive language dependent data for the [ISO639] languages provided in the message(s) and the active language dependent data for the [ISO639] languages provided in the message(s);
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The MS database to initialize is empty.

Content:

1. Load with the MS application the archive language independent data message that includes the syntax error on header level.

Result:

1. The MS system detects the syntax error in the header of the extraction file;
2. The full extraction process is not completed due to the syntax error. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.40 Test case fullextract_syntax_07: Data element syntax error (EDIFACT – active independent language file)

Location:

[Removed]\fullextract_syntax_03\.

Precondition:

- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent and dependent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the active language independent data message that includes the syntax error on data element level.

Result:

1. The MS system detects the syntax error in the data element;
2. The full extraction process is not completed due to the syntax error. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.41 Test case fullextract_syntax_08: Header syntax error (EDIFACT – active independent language file)

Location:

[Removed]\fullextract_syntax_04\.

Precondition:

- The requested full extraction messages with the active independent and dependent data are delivered on the F-medium, are renamed and are accessible;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The MS application is configured to process the active language independent and dependent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. Load with the MS application the active language independent data message that includes the syntax error on header level.

Result:

1. The MS system detects the syntax error in the header of the extraction file;
2. The full extraction process is not completed due to the syntax error. None of data listed in the extraction files are stored in the MS system, because the rollback has been completed successfully.

3.1.3.42 Test case fullextract_reqseq_01: Sequence error in record (XML – child before parent – all messages)

Location:

[Removed]\fullextract_reqseq_01\.

Precondition:

- The requested full extraction messages with the active and archive independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data and/or the archive language independent data;
- The MS application is configured to handle the XML message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. In case the MS is configured to process the archive language independent data: load with the MS system the archive language independent data message that includes the record sequence error;
2. In case the MS is configured to process the active language independent data: load with the MS system the active language independent data message that includes the record sequence error.

Result:

1. The MS system detects the record sequence error in the extraction files.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.1.3.43 Test case fullextract_reqseq_02: Sequence error in record (EDIFACT – child before parent)

Location: [Removed]\fullextract_reqseq_01\.

Precondition:

- The requested full extraction messages with the active and archive independent and dependent data are delivered on the F-medium, are renamed and are accessible;
- The MS application is configured to process the active language independent data and/or the archive language independent data;
- The MS application is configured to handle the EDIFACT message format;
- The MS system is up and running;
- The MS database to initialize is empty.

Content:

1. In case the MS is configured to process the archive language independent data: load with the MS system the archive language independent data message that includes the record sequence error;
2. In case the MS is configured to process the active language independent data: load with the MS system the active language independent data message that includes the record sequence error.

Result:

1. The MS system detects the record sequence error in the extraction files.

3.2 INCREMENTAL EXTRACTION OUTPUT BRIDGE

3.2.1 Connectivity

3.2.1.1 Test case diff_connect_01: Queue connection (XML)

Location: [Removed];
[Removed]diff_connect_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where T is a constant, RR is the receiver, dd is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

messages;

- Before executing this test case, be sure that the sequence ([Removed]) of the incremental extraction file that is delivered with this test case is one higher than the sequence number in the MS application;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- Make sure that the MS system is ready to receive the XML incremental extraction messages on its CCN queue.

Content:

1. Put the incremental extraction message in XML format into your CCN queue;
2. Pick up this incremental extraction message from the queue by means of your MS system.

Result:

1. The MS system gets the message from the CCN queue;
2. The message which is picked up by the MS system is the message put on your queue;
3. The message is removed from the queue.

3.2.1.2 Test case diff_connect_02: Queue connection (EDIFACT)

Location:

[Removed];

[Removed]diff_connect_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, dd is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Before executing this test case, be sure that the sequence ([Removed]) of the incremental extraction file that is delivered with this test case is one higher than the sequence number in the MS application;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- Make sure that the MS system is ready to receive the EDIFACT incremental extraction messages on its CCN queue.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- Content:**
1. Put an incremental extraction message in EDIFACT format into your CCN queue;
 2. Pick up this incremental extraction message from the queue by means of your MS system.

- Result:**
1. The MS system gets the message from the CCN queue;
 2. The message which is picked up by the MS system is the message put on your queue;
 3. The message is removed from the queue.

3.2.2 Successful process of the incremental extraction

3.2.2.1 Test case diff_empty_01: Empty differential extraction (XML)

Location: [Removed];
[Removed]diff_empty_01\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - [Removed] [Removed] (where T is a constant, RR is the receiver, dd is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention;
 - The MS application handles the [ISO639] languages used in the messages;
 - Before executing this test case, be sure that the sequence ([Removed]) of the incremental extraction file that is delivered with this test case is one higher than the sequence number in the MS application and smaller than 1000;
 - Make sure that the MS system is ready to receive the XML incremental extraction messages on its CCN queue;
 - The MS system is up and running.

- Content:**
1. Put the empty incremental extraction message in your CCN queue;
 2. Process via the MS application the empty incremental extraction message.

- Results:**
1. The MS system processes the extraction message. On successful processing, the MS system did not perform any changes on the data and the differential extraction sequence number is correctly set (it should be increased

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

with 1).

3.2.2.2 Test case diff_empty_02: Empty differential extraction (EDIFACT)

Location: [Removed];

[Removed]diff_empty_01\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention;
 - The MS application handles the [ISO639] languages used in the messages;
 - Before executing this test case, be sure that the sequence of the incremental extraction file ([Removed]) that is delivered with this test case is one higher than the sequence number in the MS application and smaller than 1000;
 - Make sure that the MS system is ready to receive the EDIFACT incremental extraction messages on its CCN queue;
 - The MS system is up and running.

- Content:**
1. Put the empty incremental extraction message in your CCN queue;
 2. Process via the MS application the empty incremental extraction message.

- Results:**
1. The MS system processes the extraction message. On successful processing, the MS system did not perform any changes on the data and the differential extraction sequence number is correctly set (it should be increased with 1).

3.2.2.3 Test case diff_insert_01: Insert of data element (XML)

Location: [Removed];

[Removed]diff_insert_01\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Assume following naming convention [Removed] (where

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

[Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);

- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Result:

1. The MS system must accept and process the file;
2. The MS system contains all data present in the extraction message (all data, including all its attributes, have been added);
3. The sequence number will be increased by 1.

3.2.2.4 Test case diff_insert_02: Insert of data element (EDIFACT)

Location:

[Removed];

[Removed]diff_insert_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

sequence of the MS application + 1;

- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- The MS application is configured to process the incremental data extraction files in EDIFACT format.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Result:

1. The MS system must accept and process the file;
2. The MS system contains all data present in the extraction message (all data, including all its attributes, have been added);
3. The sequence number will be increased by 1.

3.2.2.5 Test case diff_update_01: Update of data element – single attribute with 1 change (XML)

Location:

[Removed];

[Removed]diff_update_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- The MS application is configured to process the incremental

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

data extraction files in XML format.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Result:

1. The MS system must accept and process the file. The MS system contains all data changes present in the extraction message (one attribute change for each data element). Each modification is applied to the correct attribute and for the correct data element;
2. No other data change has been performed in the MS system;
3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.6 Test case diff_update_02: Update of data element – single attribute with 1 change (EDIFACT)

Location: [Removed];

[Removed]diff_update_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- The MS application is configured to process the incremental data extraction files in EDIFACT format.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Result:

1. The MS system must accept and process the file. The MS system contains all data changes present in the extraction message (one attribute change for each data element). Each modification is applied to the correct attribute and for the correct data element;
2. No other data change has been performed in the MS system;
3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.7 Test case diff_update_03: Update of data element – single attribute with multiple changes (XML)

Location: [Removed];

[Removed]diff_update_03\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Result:

1. The MS system must accept and process the file. The MS system contains all data changes present in the extraction message (multiple changes on one attribute for each data element). Each modification is applied to the correct attribute and for the correct data element;
2. No other data change has been performed in the MS system;
3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.8 Test case diff_update_04: Update of data element – single attribute with multiple changes (EDIFACT)

Location: [Removed];

[Removed]diff_update_03\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention;
 - The MS application handles the [ISO639] languages used in the messages;
 - The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
 - Be sure that the data described in the incremental file have not been added before in the MS system;
 - The MS application is configured to process the incremental data extraction files in EDIFACT format.

- Content:**
1. Put the incremental extraction message in your CCN queue;
 2. Load the incremental file by means of the MS application.

- Result:**
1. The MS system must accept and process the file. The MS system contains all data changes present in the extraction message (multiple amendments on one attribute for each data element). Each modification is applied to the correct attribute and for the correct data element;
 2. No other data change has been performed in the MS system;
 3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.9 Test case diff_update_05: Update of data element – 1 change on multiple attributes (XML)

Location: [Removed];

[Removed]diff_update_05\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Result:

1. The MS system must accept and process the file. The MS system contains all data changes present in the extraction message (one amendment on multiple attributes for each data element). Each modification is applied to the correct attribute and for the correct data element;
2. No other data change has been performed in the MS system;
3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.10 Test case diff_update_06: Update of data element – 1 change on multiple attributes (EDIFACT)

Location: [Removed];

[Removed]diff_update_05\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention;
 - The MS application handles the [ISO639] languages used in the messages;
 - The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
 - Be sure that the data described in the incremental file have not been added before in the MS system;
 - The MS application is configured to process the incremental data extraction files in EDIFACT format.

- Content:**
1. Put the incremental extraction message in your CCN queue;
 2. Load the incremental file by means of the MS application.

- Result:**
1. The MS system must accept and process the file. The MS system contains all data changes present in the extraction message (one amendment on multiple attribute for each data element). Each modification is applied to the correct attribute and for the correct data element;
 2. No other data change has been performed in the MS system;
 3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.11 Test case diff_update_07: Update of data element – multiple amendments (XML)

Location: [Removed];

[Removed]diff_update_07\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention;
 - The MS application handles the [ISO639] languages used in the messages;
 - The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
 - The test case diff_insert_01 has been executed before, no other data has been threatened before;
 - Be sure that the data described in the incremental file still exist in the MS system;
 - The MS application is configured to process the incremental data extraction files in XML format.

- Content:**
1. Put the incremental extraction message in your CCN queue;
 2. Load the incremental file by means of the MS application.

- Result:**
1. The MS system must accept and process the file. The MS system contains all data changes present in the extraction message (multiple amendments on multiple attributes for each data element). Each modification is applied to the correct attribute and for the correct data element;
 2. No other data change has been performed in the MS system;
 3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.12 Test case diff_update_08: Update of data element – multiple amendments (EDIFACT)

Location: [Removed];

[Removed]diff_update_07\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention;
 - The MS application handles the [ISO639] languages used in the messages;
 - The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
 - The test case diff_insert_02 has been executed before, no other data has been threatened before;
 - Be sure that the data described in the incremental file still exist in the MS system;
 - The MS application is configured to process the incremental data extraction files in EDIFACT format.

- Content:**
1. Put the incremental extraction message in your CCN queue;
 2. Load the incremental file by means of the MS application.

- Result:**
1. The MS system must accept and process the file. The MS system contains all data changes present in the extraction message (multiple amendments on multiple attributes for each data element). Each modification is applied to the correct attribute and for the correct data element;
 2. No other data change has been performed in the MS system;
 3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.13 Test case diff_delete_01: Delete of data element (XML)

Location: [Removed];

[Removed]diff_delete_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
- The test case diff_update_07 has been executed before, no other data has been threatened before;
- Be sure that the data described in the incremental file still exist in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Result:

1. The MS system must accept and process all data removals present in the extraction file. Each removal has been applied to the correct occurrence of a data element and for each occurrence all the data has been deleted;
2. No other data change or removal than the ones described in the file, have been performed in the MS system;
3. The sequence number will be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.2.14 Test case diff_delete_02: Delete of data element (EDIFACT)

Location: [Removed];

[Removed]diff_delete_01\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention;
 - The MS application handles the [ISO639] languages used in the messages;
 - The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
 - The test case diff_update_08 has been executed before, no other data has been threatened before;
 - Be sure that the data described in the incremental file still exist in the MS system;
 - The MS application is configured to process the incremental data extraction files in EDIFACT format.

- Content:**
1. Put the incremental extraction message in your CCN queue;
 2. Load the incremental file by means of the MS application.

- Result:**
1. The MS system must accept and process all data removals present in the extraction file. Each removal has been applied to the correct occurrence of a data element and for each occurrence all the data has been deleted;
 2. No other data change or removal than the ones described in the file, have been performed in the MS system;
 3. The sequence number will be increased by 1.

3.2.2.15 Test case diff_management_01: Management file (XML-format)

Location: [Removed];

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

[Removed]diff_management_02\.

Precondition:

- The MS application is configured to process the incremental data extraction files in XML;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Be sure that the occurrences used in the file with update and delete actions are still existing in the MS database;
- Be sure that the occurrences used in the file with insert actions are not existing in the MS database;
- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Assume following naming convention **[Removed]** (where **[Removed]** is a constant, **[Removed]** is the receiver, **[Removed]** is the destination-id and **[Removed]** is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS system is up and running.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Results:

1. After the processing of the incremental extraction, the deleted entries listed in the differential extraction message are removed from the system, the added entries listed in the differential extraction message are added into the system and the updated entries listed in the differential extraction message are processed by the system. The management actions defined in the message have been applied in the MS system;
2. The changes have been executed on the correct occurrences and data elements;
3. Any other change, not mentioned in the file, has not been performed in the MS system;
4. The differential extraction sequence number has been

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

increased with 1.

3.2.2.16 Test case diff_management_02: Management file (EDIFACT-format)

Location: [Removed];

[Removed]diff_management_01\.

Precondition:

- The MS application is configured to process the incremental data extraction files in EDIFACT;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Be sure that the occurrences used in the file with update and delete actions are still existing in the MS database;
- Be sure that the occurrences used in the file with insert actions are not existing in the MS database;
- Be sure that the following condition is true: $001 \leq \text{sequence of MS application} < 999$ for this year;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence of the incremental file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS system is up and running.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load the incremental file by means of the MS application.

Results:

1. After the processing of the incremental extraction, the deleted entries listed in the differential extraction message are removed from the system, the added entries listed in the differential extraction message are added into the system and the updated entries listed in the differential extraction message are processed by the system. The management actions defined in the message have been applied in the MS system;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

2. The changes have been executed on the correct occurrences and data elements;
3. Any other change, not mentioned in the file, has not been performed in the MS system;
4. The differential extraction sequence number has been increased with 1.

3.2.3 Exception process during incremental extraction

3.2.3.1 Test case diff_outseq_01: XML-message out-of-sequence (new sequence)

Location: [Removed];

[Removed]diff_outseq_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition regarding the sequence ([Removed]) in the MS application is true: $001 \leq \text{sequence} < 997$ for this year;
- The sequence of the first incremental extraction file ([Removed]) is the sequence of the MS application + 1;
- The sequence of the second incremental extraction file ([Removed]) is the sequence of the MS application + 3;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Try to load the first incremental extraction file by means of the MS application;
2. Try to load the second incremental extraction file by means of the MS application.

Result:

1. The MS system must accept and process the first file. The

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

sequence number will be increased by 1;

2. The MS must detect the out-of-sequence of the differential extraction messages, the content of the extraction message has not been processed and the sequence number has not been updated.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.3.2 Test case diff_outseq_02: EDIFACT-message out-of-sequence (new sequence)

Location: [Removed];
[Removed]diff_outseq_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition regarding the sequence ([Removed]) in the MS application is true: $001 \leq \text{sequence} < 997$ for this year;
- The sequence of the first incremental extraction file ([Removed]) is the sequence of the MS application + 1;
- The sequence of the second incremental extraction file ([Removed]) is the sequence of the MS application + 3;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in EDIFACT format.

Content:

1. Try to load the first incremental extraction file by means of the MS application;
2. Try to load the second incremental extraction file by means of the MS application.

Result:

1. The MS system must accept and process the first file. The sequence number will be increased by 1;
2. The MS must detect the out-of-sequence of the differential extraction messages, the content of the extraction message has not been processed and the sequence number has not been updated.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.3.3 Test case diff_outseq_03: XML-message out-of-sequence (recurrent sequence)

Location: [Removed];
[Removed]diff_outseq_03\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition regarding the sequence ([Removed]) in the MS application is true: $001 \leq \text{sequence} < 998$ for this year;
- The sequence of the first incremental extraction file ([Removed]) is the sequence of the MS application + 1;
- The sequence of the second incremental extraction file ([Removed]) is the sequence of the MS application + 2;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Try to load the first incremental extraction file by means of the MS application;
2. Try to load the second incremental extraction file by means of the MS application;
3. Try to load the first incremental extraction file again by means of the MS application.

Result:

1. The MS system contains all data present in the extraction message. The MS system must accept and process the first incremental extraction file. The sequence number will be increased by 1;
2. The MS system contains all data present in the extraction message. The MS system must accept and process the second incremental extraction file. The sequence number will be increased by 1;
3. The MS system must detect that the differential extraction

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

was already encompassed and the content of the extraction message has not been processed. The sequence number will not be increased by 1.

3.2.3.4 Test case diff_outseq_04: EDIFACT-message out-of-sequence (recurrent sequence)

Location: [Removed];

[Removed]diff_outseq_03\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition regarding the sequence ([Removed]) in the MS application is true: $001 \leq \text{sequence} < 998$ for this year;
- The sequence of the first incremental extraction file ([Removed]) is the sequence of the MS application + 1;
- The sequence of the second incremental extraction file ([Removed]) is the sequence of the MS application + 2;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in EDIFACT format.

Content:

1. Try to load the first incremental extraction file by means of the MS application;
2. Try to load the second incremental extraction file by means of the MS application;
3. Try to load the first incremental extraction file again by means of the MS application.

Result:

1. The MS system contains all data present in the extraction message. The MS system must accept and process the first incremental extraction file. The sequence number will be increased by 1;
2. The MS system contains all data present in the extraction

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

message. The MS system must accept and process the second incremental extraction file. The sequence number will be increased by 1;

3. The MS system must detect that the differential extraction was already encompassed and the content of the extraction message has not been processed. The sequence number will not be increased by 1.

3.2.3.5 Test case diff_outseq_05: XML-message out-of-sequence (recurrent last sequence)

Location: [Removed];
[Removed]diff_outseq_05\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition regarding the sequence ([Removed]) in the MS application is true: $001 \leq \text{sequence} < 999$ for this year;
- The sequence of the first incremental extraction file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Try to load the first incremental extraction file by means of the MS application;
2. Try to load the same incremental extraction file again by means of the MS application.

Result:

1. During the first attempt, the MS system must accept and process the file. The sequence number will be increased by 1;
2. During the second attempt, the MS system must detect that the differential extraction was already encompassed

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

and the content of the extraction message has not been processed. The sequence number will not be increased by 1.

3.2.3.6 Test case diff_outseq_06: EDIFACT-message out-of-sequence (recurrent last sequence)

Location: [Removed];

[Removed]diff_outseq_05\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition regarding the sequence ([Removed]) in the MS application is true: $001 \leq \text{sequence} < 999$ for this year;
- The sequence of the first incremental extraction file ([Removed]) is the sequence of the MS application + 1;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in EDIFACT format.

Content:

1. Try to load the first incremental extraction file by means of the MS application;
2. Try to load the same incremental extraction file again by means of the MS application.

Result:

1. During the first attempt, the MS system must accept and process the file. The sequence number will be increased by 1;
2. During the second attempt, the MS system must detect that the differential extraction was already encompassed and the content of the extraction message has not been processed. The sequence number will not be increased by 1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.3.7 Test case diff_outseq_07: XML-message out-of-sequence (previous year)

Location: [Removed];

[Removed]diff_outseq_07\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition is true: $001 \leq \text{sequence in MS application (eee)} < 998$ of last year;
- The sequence of the first incremental extraction file is the sequence of the MS application + 1 for last year;
- The sequence of the second incremental extraction file is 001 for the current year;
- The sequence of the third incremental extraction file is the sequence of the MS application + 2 for last year;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Load the first incremental extraction file by means of the MS application;
2. Load the second incremental extraction file by means of the MS application;
3. Try to load the third incremental extraction file by means of the MS application.

Result:

1. The MS system must accept and process the first incremental extraction file. The sequence number will be increased by 1 and the content will be stored;
2. The MS system must accept and process the second incremental extraction file. The sequence number will be 001 of this year and the content of the file will be stored in the MS application;
3. During the third load, the MS system must detect the out-

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

of-sequence. The sequence number will not be updated and the content of the file will not be stored in the MS application.

3.2.3.8 Test case diff_outseq_08: EDIFACT-message out-of-sequence (previous year)

Location: [Removed];

[Removed]diff_outseq_07\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition is true: $001 \leq \text{sequence in MS application (eee)} < 998$ of last year;
- The sequence of the first incremental extraction file is the sequence of the MS application + 1 for last year;
- The sequence of the second incremental extraction file is 001 for the current year;
- The sequence of the third incremental extraction file is the sequence of the MS application + 2 for last year;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in EDIFACT format.

Content:

1. Load the first incremental extraction file by means of the MS application;
2. Load the second incremental extraction file by means of the MS application;
3. Try to load the third incremental extraction file by means of the MS application.

Result:

1. The MS system must accept and process the first incremental extraction file. The sequence number will be increased by 1 and the content will be stored;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

2. The MS system must accept and process the second incremental extraction file. The sequence number will be 001 of this year and the content of the file will be stored in the MS application;
3. During the third load, the MS system must detect the out-of-sequence. The sequence number will not be updated and the content of the file will not be stored in the MS application.

3.2.3.9 Test case diff_outseq_09: XML-message out-of-sequence (recurrent year sequence)

Location: [Removed];
[Removed]diff_outseq_09\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition is true: $001 \leq \text{sequence in MS application (eee)} < 998$ of current year;
- The sequence of the first incremental extraction file is the sequence of the MS application + 1 for this year;
- The sequence of the second incremental extraction file is 001 for a previous year;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Load the first incremental extraction file by means of the MS application;
2. Try to load the second incremental extraction file by means of the MS application.

Result:

1. The MS system must accept and process the first incremental extraction file. The sequence number will be increased by 1 and the content will be stored;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

2. During the second load, the MS system must detect the out-of-sequence. The sequence number will not be updated and the content of the file will not be stored in the MS application.

3.2.3.10 Test case diff_outseq_10: EDIFACT-message out-of-sequence (recurrent year sequence)

Location: [Removed];
[Removed]diff_outseq_09\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition is true: $001 \leq \text{sequence in MS application (eee)} < 998$ of current year;
- The sequence of the first incremental extraction file is the sequence of the MS application + 1 for this year;
- The sequence of the second incremental extraction file is 001 for a previous year;
- Be sure that the data described in the incremental file have not been used before in the MS system;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Load the first incremental extraction file by means of the MS application;
2. Try to load the second incremental extraction file by means of the MS application.

Result:

1. The MS system must accept and process the first incremental extraction file. The sequence number will be increased by 1 and the content will be stored;
2. During the second load, the MS system must detect the out-of-sequence. The sequence number will not be updated and the content of the file will not be stored in the MS application.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.3.11 Test case diff_unknown_01: Unknown differential extraction (T-XML)

Location: [Removed];

[Removed]diff_unknown_01\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention, except for the ‘T’ constant;
 - The MS application handles the [ISO639] languages used in the messages;
 - Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
 - The sequence of the incremental extraction file is the sequence of the MS application + 1;
 - Make sure that the MS system is ready to receive the XML incremental extraction messages on its CCN queue;
 - The MS system is up and running.

Content:

1. Try to process via the MS application the unknown incremental extraction message (The ‘T’ constant is being replaced by ‘C’).

Results:

1. The application becomes aware of the unknown extraction message. The content is not being processed and the differential extraction sequence number is not being updated.

3.2.3.12 Test case diff_unknown_02: Unknown differential extraction (dd-XML)

Location: [Removed];

[Removed]diff_unknown_02\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

number);

- The messages are renamed according to the naming convention, except for the 'dd' value;
- The MS application handles the [ISO639] languages used in the messages;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The sequence of the incremental extraction file is the sequence of the MS application + 1;
- Make sure that the MS system is ready to receive the XML incremental extraction messages on its CCN queue;
- The MS system is up and running.

Content:

1. Try to process via the MS application the unknown incremental extraction message (the dd of the incremental extraction file does not belong to the MS).

Results:

1. The application becomes aware of the unknown extraction message. The content is not being processed and the differential extraction sequence number is not being updated.

3.2.3.13 Test case diff_unknown_03: Unknown differential extraction ([Removed]-XML)

Location:

[Removed];

[Removed]diff_unknown_03\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the "Incremental" folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention, except for the '[Removed]' value;
- The MS application handles the [ISO639] languages used in the messages;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The sequence of the incremental extraction file is the sequence

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

of the MS application + 1;

- Make sure that the MS system is ready to receive the XML incremental extraction messages on its CCN queue;
- The MS system is up and running.

Content:

1. Try to process via the MS application the unknown incremental extraction message (the [Removed] of the incremental extraction file contains an alphabetic character).

Results:

1. The application becomes aware of the unknown extraction message. The content is not being processed and the differential extraction sequence number is not being updated.

3.2.3.14 Test case diff_unknown_04: Unknown differential extraction (T-EDIFACT)

Location:

[Removed];

[Removed]diff_unknown_04\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention, except for the ‘T’ constant;
- The MS application handles the [ISO639] languages used in the messages;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The sequence of the incremental extraction file is the sequence of the MS application + 1;
- Make sure that the MS system is ready to receive the EDIFACT incremental extraction messages on its CCN queue;
- The MS system is up and running.

Content:

1. Try to process via the MS application the unknown incremental extraction message (The ‘T’ constant is being replaced by ‘C’).

Results:

1. The application becomes aware of the unknown extraction message. The content is not being processed and the differential extraction sequence number is not

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

being updated.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.3.15 Test case diff_unknown_05: Unknown differential extraction (dd-EDIFACT)

Location: [Removed];

[Removed]diff_unknown_05\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention, except for the ‘dd’ value;
 - The MS application handles the [ISO639] languages used in the messages;
 - Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
 - The sequence of the incremental extraction file is the sequence of the MS application + 1;
 - Make sure that the MS system is ready to receive the EDIFACT incremental extraction messages on its CCN queue;
 - The MS system is up and running.

Content:

1. Try to process via the MS application the unknown incremental extraction message (the dd of the incremental extraction file does not belong to the MS).

Results:

1. The application becomes aware of the unknown extraction message. The content is not being processed and the differential extraction sequence number is not being updated.

3.2.3.16 Test case diff_unknown_06: Unknown differential extraction ([Removed]-EDIFACT)

Location: [Removed];

[Removed]diff_unknown_06\.

- Precondition:**
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

number);

- The messages are renamed according to the naming convention, except for the '[Removed]' value;
- The MS application handles the [ISO639] languages used in the messages;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The sequence of the incremental extraction file is the sequence of the MS application + 1;
- Make sure that the MS system is ready to receive the EDIFACT incremental extraction messages on its CCN queue;
- The MS system is up and running.

Content:

1. Try to process via the MS application the unknown incremental extraction message (the [Removed] of the incremental extraction file contains an alphabetic character).

Results:

1. The application becomes aware of the unknown extraction message. The content is not being processed and the differential extraction sequence number is not being updated.

3.2.3.17 Test case diff_unknown_07: Unknown differential extraction (XXX)

Location:

[Removed];

[Removed]diff_unknown_07\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the "Incremental" folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The sequence of the first incremental extraction file is the sequence of the MS application + 1;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- Make sure that the MS system is ready to receive the XML or EDIFACT incremental extraction messages on its CCN queue;
- The MS system is up and running.

Content:

1. Try to process via the MS application the unknown incremental extraction message (format XML or EDIFACT has been replaced by another existing or none existing file format (e.g. txt, doc, xxx)).

Results:

1. The application becomes aware of the unknown extraction message. The content is not being processed and the differential extraction sequence number is not being updated.

3.2.3.18 Test case diff_reinsert_01: Rejected insertion of a data-element (XML-format)

Location:

Annex 19.

Precondition:

- The MS application is configured to process the incremental data extraction files in XML;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the messages listed in the annex are just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- Be sure that the data described in the incremental file have not been added before in the MS system (for instance with the test case diff_insert_01;
- The MS system is up and running.

Content:

1. Load with the MS application the first incremental message;
2. Confirm the rejection;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3. Verify the results;
4. Repeat the steps for all the records listed in the [Annex 19](#).

Results:

1. The MS system must detect the violation;
2. A correct significant rejection reason is shown to inform the MS operator;
3. After the rejection, the operator is able to continue with the MS application;
4. The sequence number has not been updated;
5. After the processing of the differential extraction, the data listed in the differential extraction message is not present in the system.

3.2.3.19 Test case diff_rejinsert_02: Rejected insertion of a data-element (EDIFACT-format)

Location: [Annex 20](#).

Precondition:

- The MS application is configured to process the incremental data extraction files in EDIFACT;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the messages listed in the annex are just one increment higher than the sequence number stored in the MS application;
- Be sure that the data described in the incremental file have not been added before in the MS system (for instance with the test case diff_insert_02;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The MS system is up and running.

Content:

1. Load with the MS application the first incremental message;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

2. Confirm the rejection;
3. Verify the results;
4. Repeat the steps for all the records listed in the [Annex 20](#).

Results:

1. The MS system must detect the violation;
2. A correct significant rejection reason is shown to inform the MS operator;
3. After the rejection, the operator is able to continue with the MS application;
4. The sequence number has not been updated;
5. After the processing of the differential extraction, the data listed in the differential extraction message is not present in the system.

3.2.3.20 Test case diff_rejupdate_01: Rejected update of a data-element (XML-format)

Location: [Annex 21](#).

Precondition:

- The MS application is configured to process the incremental data extraction files in XML;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the messages listed in the annex are just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The test case diff_insert_01 has been executed before;
- Be sure that the data described in the incremental file have not been used before in the MS system (for instance with the test case diff_update_07;

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The MS system is up and running.

Content:

1. Load with the MS application the first incremental message;
2. Confirm the rejection;
3. Verify the results;
4. Repeat the steps for all the records listed in the [Annex 21](#).

Results:

1. The MS system must detect the violation;
2. A correct significant rejection reason is shown to inform the MS operator;
3. After the rejection, the operator is able to continue with the MS application;
4. The sequence number has not been updated;
5. After the processing of the differential extraction, the modifications listed in the differential extraction message are not present in the system.

3.2.3.21 Test case diff_rejupdate_02: Rejected update of a data-element (EDIFACT-format)

Location:

[Annex 22](#).

Precondition:

- The MS application is configured to process the incremental data extraction files in EDIFACT;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the messages listed in the annex are just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- Be sure that the occurrences used in the files are still existing in

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

the MS database;

- The test case diff_insert_02 has been executed before;
- Be sure that the data described in the incremental file have not been used before in the MS system (for instance with the test case diff_update_08;
- The MS system is up and running.

Content:

1. Load with the MS application the first incremental message;
2. Confirm the rejection;
3. Verify the results;
4. Repeat the steps for all the records listed in the [Annex 22](#).

Results:

1. The MS system must detect the violation;
2. A correct significant rejection reason is shown to inform the MS operator;
3. After the rejection, the operator is able to continue with the MS application;
4. The sequence number has not been updated;
5. After the processing of the differential extraction, the modifications listed in the differential extraction message are not present in the system.

3.2.3.22 Test case diff_rejdelete_01: Rejected delete of a data-element (XML-format)

Location:

[Annex 23](#).

Precondition:

- The MS application is configured to process the incremental data extraction files in XML;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the messages listed in the annex are just one increment higher than the sequence number stored in

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

the MS application;

- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- Be sure that the occurrences used in the files are still existing in the MS database;
- The test case diff_update_07 has been executed before;
- Be sure that the data described in the incremental file have not been used before in the MS system (for instance with the test case diff_delete_01;
- The MS system is up and running.

Content:

1. Load with the MS application the first incremental message;
2. Confirm the rejection;
3. Verify the results;
4. Repeat the steps for all the records listed in the [Annex 23](#).

Results:

1. The MS system must detect the violation;
2. A correct significant rejection reason is shown to inform the MS operator;
3. After the rejection, the operator is able to continue with the MS application;
4. The sequence number has not been updated;
5. After the processing of the differential extraction, the deleted entries listed in the differential extraction message are still present in the system.

3.2.3.23 Test case diff_rejdelete_02: Rejected delete of a data-element (EDIFACT-format)

Location:

[Annex 24](#).

Precondition:

- The MS application is configured to process the incremental data extraction files in EDIFACT;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the messages listed in the annex are just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- Be sure that the occurrences used in the files are still existing in the MS database;
- The test case diff_update_08 has been executed before;
- Be sure that the data described in the incremental file have not been used before in the MS system (for instance with the test case diff_delete_02;
- The MS system is up and running.

Content:

1. Load with the MS application the first incremental message;
2. Confirm the rejection;
3. Verify the results;
4. Repeat the steps for all the records listed in the [Annex 24](#).

Results:

1. The MS system must detect the violation;
2. A correct significant rejection reason is shown to inform the MS operator;
3. After the rejection, the operator is able to continue with the MS application;
4. The sequence number has not been updated;
5. After the processing of the differential extraction, the deleted entries listed in the differential extraction message are still present in the system.

3.2.3.24 Test case diff_syntax_01: Data element syntax error (XML)

Location:

[Removed];

[Removed]diff_syntax_01\.

Precondition:

- The MS application is configured to process the incremental data extraction files in XML;
- The MS has successfully loaded the initial full extraction files

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

included in the “Incremental” folder;

- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the incremental extraction message is just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The MS system is up and running.

Content:

1. Load with the MS application the incremental extraction file that includes the syntax error on data element level (non existing attribute, non existing data element).

Result:

1. The MS system detects the syntax error in the data element. None of data listed in the extraction file are stored in the MS system;
2. The sequence number has not been updated.

3.2.3.25 Test case diff_syntax_02: Header syntax error (XML)

Location:

[Removed];
[Removed]diff_syntax_02\.

Precondition:

- The MS application is configured to process the incremental data extraction files in XML;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the incremental extraction message is

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

just one increment higher than the sequence number stored in the MS application;

- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The MS system is up and running.

Content:

1. Load with the MS application the incremental extraction file that includes the syntax error on header level (typo in fixed header part).

Result:

1. The MS system detects the syntax error in the header. None of data listed in the extraction file are stored in the MS system;
2. The sequence number has not been updated.

3.2.3.26 Test case diff_syntax_03: Data element syntax error (EDIFACT)

Location:

[Removed];

[Removed]diff_syntax_01\.

Precondition:

- The MS application is configured to process the incremental data extraction files in EDIFACT;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the incremental extraction message is just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The MS system is up and running.

Content:

1. Load with the MS application the incremental extraction file that includes the syntax error on data element level (non existing attribute, non existing data element).

Result:

1. The MS system detects the syntax error in the data element. None of data listed in the extraction file are

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

stored in the MS system;

2. The sequence number has not been updated.

3.2.3.27 Test case diff_syntax_04: Header syntax error (EDIFACT)

Location: [Removed];

[Removed]diff_syntax_02\.

- Precondition:**
- The MS application is configured to process the incremental data extraction files in EDIFACT;
 - The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
 - Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
 - The messages are renamed according to the naming convention;
 - The MS application handles the [ISO639] languages used in the messages;
 - The sequence number of the incremental extraction message is just one increment higher than the sequence number stored in the MS application;
 - Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
 - The MS system is up and running.

- Content:**
1. Load with the MS application the incremental extraction file that includes the syntax error on header level (typo in fixed header part).

- Result:**
1. The MS system detects the syntax error in the header. None of data listed in the extraction file are stored in the MS system;
 2. The sequence number has not been updated.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.3.28 Test case diff_semantic_01: Semantic error (XML)

Location: [Removed];

[Removed]diff_semantic_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition regarding the sequence (eee) in the MS application is true: $001 \leq \text{sequence} < 999$ for this year;
- The sequence of the first incremental extraction file (eee) is the sequence of the MS application + 1;
- The MS application is configured to process the incremental data extraction files in XML format.

Content:

1. Try to load the incremental extraction file by means of the MS application.

Result:

1. The MS must detect the semantic error (date does not exist) in the differential extraction message;
2. The content of the extraction message has not been processed;
3. The sequence number has not been updated.

3.2.3.29 Test case diff_semantic_02: Semantic error (EDIFACT)

Location: [Removed];

[Removed]diff_semantic_01\.

Precondition:

- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- Be sure that following condition regarding the sequence (eee) in the MS application is true: $001 \leq \text{sequence} < 999$ for this year;
- The sequence of the first incremental extraction file (eee) is the sequence of the MS application + 1;
- The MS application is configured to process the incremental data extraction files in EDIFACT format.

Content:

1. Try to load the incremental extraction file by means of the MS application.

Result:

1. The MS must detect the semantic error (date does not exist) in the differential extraction message;
2. The content of the extraction message has not been processed;
3. The sequence number has not been updated.

3.2.3.30 Test case diff_reqseq_01: Sequence error in record (XML)

Location:

[Removed];

[Removed]diff_reqseq_01\.

Precondition:

- The MS application is configured to process the incremental data extraction files in XML;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the incremental extraction message is just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- Be sure that the data described in the incremental file have not

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

been added before in the MS system;

- The MS system is up and running.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load with the MS application the incremental extraction file that includes several transaction identifiers in sequence.

Result:

1. The MS system detects the record sequence error in the extraction files.

3.2.3.31 Test case diff_reqseq_02: Sequence error in record (EDIFACT)

Location:

[Removed];

[Removed]diff_reqseq_01\.

Precondition:

- The MS application is configured to process the incremental data extraction files in EDIFACT;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the incremental extraction message is just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- Be sure that the data described in the incremental file have not been added before in the MS system;
- The MS system is up and running.

Content:

1. Put the incremental extraction message in your CCN queue;
2. Load with the MS application the incremental extraction file that includes several transaction identifiers in sequence.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

Result: 1. The MS system detects the record sequence error in the extraction files.

3.2.3.32 Test case diff_reqseq_03: transaction identifiers³ in record out of sequence (XML)

Location: [Removed];
[Removed]diff_reqseq_03\.

Precondition:

- The MS application is configured to process the incremental data extraction files in XML;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the incremental extraction message is just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The MS system is up and running.

Content: 1. Load with the MS application the incremental extraction file that includes several transaction identifiers out of sequence.

Result:

1. The MS system detects the out of sequence and does not process the incremental extraction file.
2. The sequence number will not be increased.

³ Transaction identifier on record level

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
TEST CASES	Ref: IDS-CTP

3.2.3.33 Test case diff_reqseq_04: transaction identifiers⁴ in record out of sequence (EDIFACT)

Location: [Removed];
[Removed]diff_reqseq_03\.

Precondition:

- The MS application is configured to process the incremental data extraction files in EDIFACT;
- The MS has successfully loaded the initial full extraction files included in the “Incremental” folder;
- Assume following naming convention [Removed] (where [Removed] is a constant, [Removed] is the receiver, [Removed] is the destination-id and [Removed] is the extraction period number);
- The messages are renamed according to the naming convention;
- The MS application handles the [ISO639] languages used in the messages;
- The sequence number of the incremental extraction message is just one increment higher than the sequence number stored in the MS application;
- Before executing this test case, make sure that the incremental extraction sequence (eee) in the MS system is smaller than 999;
- The MS system is up and running.

Content:

1. Load with the MS application the incremental extraction file that includes several transaction identifiers out of sequence.

Result:

1. The MS system detects the out of sequence and does not process the incremental extraction file.
2. The sequence number will not be increased.

⁴ Transaction identifier on record level

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 1: COVERAGE MATRIX	Ref: IDS-CTP

ANNEX 1: COVERAGE MATRIX

This coverage matrix will link each of the test cases used in this document to a test scenario used in the [\[IDS-CTS\]](#) document.

Test cases	Test scenarios
[fullextract_connect_01] [fullextract_connect_02] [fullextract_connect_03] [fullextract_connect_04] [fullextract_connect_05] [fullextract_connect_06] [fullextract_connect_07] [fullextract_connect_08]	CONNECT_MED
[fullextract_load_01] [fullextract_load_02] [fullextract_load_04] [fullextract_load_05]	FULLEXTRACT_INI_OK
[fullextract_empty_01] [fullextract_empty_02] [fullextract_empty_03] [fullextract_empty_04] [fullextract_empty_05] [fullextract_empty_06] [fullextract_empty_07] [fullextract_empty_08] [fullextract_empty_09] [fullextract_empty_10] [fullextract_empty_11] [fullextract_empty_12] [fullextract_empty_13] [fullextract_empty_14] [fullextract_empty_15] [fullextract_empty_17]	FULLEXTRACT_EMPTY_NOK
[fullextract_lng_02] [fullextract_lng_08]	FULLEXTRACT_ALL_LNG
[fullextract_lng_03] [fullextract_lng_09]	FULLEXTRACT_1_MORE_LNG
[fullextract_lng_06] [fullextract_lng_12]	FULLEXTRACT_1_LNG

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 1: COVERAGE MATRIX	Ref: IDS-CTP

[fullextract_loadNOK_01] [fullextract_loadNOK_03] [fullextract_loadNOK_04] [fullextract_loadNOK_05] [fullextract_loadNOK_07] [fullextract_loadNOK_08]	FULLEXTRACT_INI_NOK ⁵
[fullextract_unknown_01] [fullextract_unknown_02] [fullextract_unknown_03] [fullextract_unknown_04] [fullextract_unknown_05]	FULLEXTRACT_UNKNOWN
[fullextract_syntax_01] [fullextract_syntax_02] [fullextract_syntax_03] [fullextract_syntax_04] [fullextract_syntax_05] [fullextract_syntax_06] [fullextract_syntax_07] [fullextract_syntax_08]	FULLEXTRACT_SYNTAX
[fullextract_reqseq_01] [fullextract_reqseq_02]	FULLEXTRACT_REQ_SEQ
[fullextract_fileseq_01] [fullextract_fileseq_02] [fullextract_fileseq_03] [fullextract_fileseq_04]	FULLEXTRACT_FILE_SEQ
[fullextract_unknownlng_02] [fullextract_unknownlng_04]	FULLEXTRACT_UNKNOWN_LNG
[diff_connect_01] [diff_connect_02]	CONNECT_CCN
[diff_empty_01] [diff_empty_02]	DIFFEXTRACT_EMPTY
[diff_insert_01] [diff_insert_02]	DIFFEXTRACT_INS_OK
[diff_update_01] [diff_update_02]	DIFFEXTRACT_UPD_SINGLE
[diff_update_03] [diff_update_04]	DIFFEXTRACT_UPD_MULTI

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 1: COVERAGE MATRIX	Ref: IDS-CTP

[diff_update_05] [diff_update_06] [diff_update_07] [diff_update_08]	
[diff_delete_01] [diff_delete_02]	DIFFEXTRACT_DEL_OK
[diff_management_01] [diff_management_02]	DIFFEXTRACT_MAN_OK
[diff_reqseq_01] [diff_reqseq_02] [diff_reqseq_03] [diff_reqseq_04]	DIFFEXTRACT_REQ_SEQ
[diff_outseq_01] [diff_outseq_02]	DIFFEXTRACT_OUT_NR
[diff_outseq_03] [diff_outseq_04] [diff_outseq_05] [diff_outseq_06]	DIFFEXTRACT_UNIQUE_NR
[diff_outseq_07] [diff_outseq_08]	DIFFEXTRACT_OUT_YR
[diff_outseq_09] [diff_outseq_10]	DIFFEXTRACT_UNIQUE_YR
[diff_unknown_01] [diff_unknown_02] [diff_unknown_03] [diff_unknown_04] [diff_unknown_05] [diff_unknown_06] [diff_unknown_07]	DIFFEXTRACT_UNKNOWN
[diff_rejinsert_01] [diff_rejinsert_02]	DIFFEXTRACT_INS_NOK
[diff_rejupdate_01] [diff_rejupdate_02]	DIFFEXTRACT_UPD_NOK
[diff_rejdelete_01] [diff_rejdelete_02]	DIFFEXTRACT_DEL_NOK
[diff_syntax_01] [diff_syntax_02] [diff_syntax_03] [diff_syntax_04]	DIFFEXTRACT_SYNTAX

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 1: COVERAGE MATRIX	Ref: IDS-CTP

[diff_semantic_01] [diff_semantic_02]	DIFFEXTRACT_SEMANTIC
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TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

ANNEX 2: FORMAT AND FILE COVERAGE

Two matrices are being used to indicate which extraction files the test case will use and what the format of these files is (XML or EDIFACT). The first matrix shows some test cases regarding the full extraction, the second shows the test cases regarding the incremental extraction.

In the first matrix, the minimum set of files and the necessary file format is specified for each test case in order to let the MS decide which test cases they want to perform during their conformance tests. For example, a MS using the EDIFACT format can select the test cases mentioning the EDIFACT format and can optimize its selection based upon the files it will use. The second matrix distinguishes also the test cases according to their format.

Bear in mind, that this list of test cases is not exhaustive. This is a limited list covering some basic scenarios to verify the insert, update and delete data belonging to different domains. Nevertheless each MS can extend the list with other test cases (e.g. load a different combination of data files, load a new data file to cause other errors or validate other rules/conditions).

Facility	Test Case	static and active language independent data file	active language dependent data file	archive language dependent data file	archive language independent data file	other data file
This column will specify the extraction type (full extraction).	This column will list the test cases about the full extraction that are defined in this document.	If the table cell is not blank, the test case will use the static and active language independent data file ([Removed]) . Moreover the file will have the format that is specified in this cell.	If the table cell is not blank, the test case will use the active language dependent data file ([Removed]) . Moreover the file will have the format that is specified in this cell.	If the table cell is not blank, the test case will use the archive language dependent data file ([Removed]) . Moreover the file will have the format that is specified in this cell.	If the table cell is not blank, the test case will use the archive language independent data file ([Removed]) . Moreover the file will have the format that is specified in this cell.	If the table cell is not blank, either the test case will use one of the full extraction files in a format different than XML or EDIFACT, either the test case will use the content of one of the full extraction files within a file that does not conform the naming conventions.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	EDIFACT	XML	OTHER
This column will specify the extraction type (incremental extraction).	This column will list the test cases about the incremental extraction that are defined in this document.	If the table cell is not blank, the test case will use the incremental extraction file in the format as specified in this cell.	If the table cell is not blank, the test case will use the incremental extraction file in the format as specified in this cell.	If the table cell is not blank, either the test case will use the incremental extraction file in a format different than XML or EDIFACT, or the test case will use the conten of the incremental extraction files within a file that does not conform to the naming conventions.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	static and active language independent data file	active language dependent data file	archive language dependent data file	archive language independent data file	other data file
Full extraction output bridge	[fullextract_connect_01]	XML				
	[fullextract_connect_02]	EDIFACT				
	[fullextract_connect_03]		XML			
	[fullextract_connect_04]		EDIFACT			
	[fullextract_connect_05]				XML	
	[fullextract_connect_06]				EDIFACT	
	[fullextract_connect_07]			XML		
	[fullextract_connect_08]			EDIFACT		
	[fullextract_load_01]	XML	XML	XML	XML	
	[fullextract_load_02]	XML	XML			
	[fullextract_load_04]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_load_05]	EDIFACT	EDIFACT			
	[fullextract_empty_01]	XML	XML	XML	XML	

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	static and active language independent data file	active language dependent data file	archive language dependent data file	archive language independent data file	other data file
	[fullextract_empty_02]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_empty_03]	XML	XML			
	[fullextract_empty_04]	EDIFACT	EDIFACT			
	[fullextract_empty_05]	XML	XML	XML	XML	
	[fullextract_empty_06]	XML	XML	XML	XML	
	[fullextract_empty_07]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_empty_08]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_empty_09]	XML	XML			
	[fullextract_empty_10]	EDIFACT	EDIFACT			
	[fullextract_empty_11]	XML	XML	XML	XML	
	[fullextract_empty_12]	XML	XML	XML	XML	
	[fullextract_empty_13]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_empty_14]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_empty_15]	XML	XML			

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	static and active language independent data file	active language dependent data file	archive language dependent data file	archive language independent data file	other data file
	[fullextract_empty_17]	EDIFACT	EDIFACT			
	[fullextract_lng_02]	XML	XML			
	[fullextract_lng_03]	XML	XML			
	[fullextract_lng_06]	XML	XML			
	[fullextract_lng_08]	EDIFACT	EDIFACT			
	[fullextract_lng_09]	EDIFACT	EDIFACT			
	[fullextract_lng_12]	EDIFACT	EDIFACT			
	[fullextract_unknown_01]					XML
	[fullextract_unknown_02]					EDIFACT
	[fullextract_unknown_03]					OTHER
	[fullextract_unknown_04]					XML
	[fullextract_unknown_05]					EDIFACT
	[fullextract_loadNOK_01]	XML	XML	XML	XML	
	[fullextract_loadNOK_03]	XML	XML	XML	XML	

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	static and active language independent data file	active language dependent data file	archive language dependent data file	archive language independent data file	other data file
	[fullextract_loadNOK_04]	XML	XML	XML	XML	
	[fullextract_loadNOK_05]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_loadNOK_07]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_loadNOK_08]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_unknownlng_02]	XML	XML			
	[fullextract_unknownlng_04]	EDIFACT	EDIFACT			
	[fullextract_fileseq_01]	XML	XML	XML	XML	
	[fullextract_fileseq_02]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_fileseq_03]	XML	XML			
	[fullextract_fileseq_04]	EDIFACT	EDIFACT			
	[fullextract_syntax_01]	XML	XML	XML	XML	
	[fullextract_syntax_02]	XML	XML	XML	XML	
	[fullextract_syntax_03]	XML	XML			
	[fullextract_syntax_04]	XML	XML			

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	static and active language independent data file	active language dependent data file	archive language dependent data file	archive language independent data file	other data file
	[fullextract_syntax_05]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_syntax_06]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	
	[fullextract_syntax_07]	EDIFACT	EDIFACT			
	[fullextract_syntax_08]	EDIFACT	EDIFACT			
	[fullextract_reqseq_01]	XML	XML	XML	XML	
	[fullextract_reqseq_02]	EDIFACT	EDIFACT	EDIFACT	EDIFACT	

Facility	Test Case	EDIFACT	XML	OTHER
Incremental extraction output bridge	[diff_connect_01]		X	
	[diff_connect_02]	X		
	[diff_empty_01]		X	
	[diff_empty_02]	X		
	[diff_insert_01]		X	
	[diff_insert_02]	X		

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	EDIFACT	XML	OTHER
	[diff_update_01]		X	
	[diff_update_02]	X		
	[diff_update_03]		X	
	[diff_update_04]	X		
	[diff_update_05]		X	
	[diff_update_06]	X		
	[diff_update_07]		X	
	[diff_update_08]	X		
	[diff_delete_01]		X	
	[diff_delete_02]	X		
	[diff_management_01]		X	
	[diff_management_01]	X		
	[diff_outseq_01]		X	
	[diff_outseq_02]	X		
	[diff_outseq_03]		X	

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	EDIFACT	XML	OTHER
	[diff_outseq_04]	X		
	[diff_outseq_05]		X	
	[diff_outseq_06]	X		
	[diff_outseq_07]		X	
	[diff_outseq_08]	X		
	[diff_outseq_09]		X	
	[diff_outseq_10]	X		
	[Diff_unknown_01]		X	
	[Diff_unknown_02]		X	
	[Diff_unknown_03]		X	
	[Diff_unknown_04]	X		
	[Diff_unknown_05]	X		
	[Diff_unknown_06]	X		
	[Diff_unknown_07]			X
	[Diff_rejinsert_01]		X	

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

Facility	Test Case	EDIFACT	XML	OTHER
	[Diff_rejinsert_02]	X		
	[Diff_rejupdate_01]		X	
	[Diff_rejupdate_02]	X		
	[Diff_rejdelete_01]		X	
	[Diff_rejdelete_02]	X		
	[Diff_syntax_01]		X	
	[Diff_syntax_02]		X	
	[Diff_syntax_03]	X		
	[Diff_syntax_04]	X		
	[Diff_reqseq_01]		X	
	[Diff_reqseq_02]	X		
	[Diff_reqseq_03]		X	
	[Diff_reqseq_04]	X		
	[Diff_semantic_01]		X	
	[Diff_semantic_02]	X		

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 2: FORMAT AND FILE COVERAGE	Ref: IDS-CTP

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 3: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_01	Ref: IDS-CTP

ANNEX 3: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_01

Folder Path	Reason to fail
[Removed]	The combination of the values in the attributes Additional code type id and Measure type id is not unique [AMT3].
[Removed]	The start date of the additional code must be less than or equal to the end date [ACN3].
[Removed]	The start date must be less than or equal to the end date[GA2].
[Removed]	The referenced geographical area id (member) must exist [GA12].
[Removed]	The start date must be less than or equal to the end date if the end date is explicit [ROIF8].
[Removed]	The validity period of the subheading does not span the validity period of the related Meursing table cells [TP9].
[Removed]	The Meursing table cell does not contain the reference to a row subheading [ACM11].
[Removed]	The same footnote is associated more than once with the same nomenclature, but there is an overlap in their association periods [NIG24].
[Removed]	The ERN code is a combination of additional code type + ERN additional code + product code, but the additional code type has not as application code = "ERN additional code type" [ERN1].
[Removed]	The attribute Export refund code is not available.
[Removed]	The same certificate is referenced more than once by the same measure and the same condition type [ME58].
[Removed]	The validity period of the associated footnote must span the validity period of the measure [ME73].
[Removed]	The start date of the PTS must be less than or equal to the end date [ME74].
[Removed]	There is an overlap between different PTS periods [ME79].
[Removed]	When a monetary unit is used in a monetary exchange record, the VP of the monetary unit must span the VP of the monetary exchange record [MOXR2].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 5: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_03	Ref: IDS-CTP

ANNEX 5: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_03

Folder Path	Reason to fail
[Removed]	Attribute Language id is not available or left empty.
[Removed]	Attribute Footnote type id is not available or left empty.
[Removed]	Value in attribute Validity start date is greater than the Validity end date [CET3].
[Removed]	The value in attribute Meursing table plan id exists, but the attribute Additional code type has NOT the value "Meursing table additional code type" as application code [CT2].
[Removed]	The language id is not unique [LA1].
[Removed]	Value in attribute Validity start date contains a non existing date (20100229).
[Removed]	The value in the attribute Validity start date is greater than the Validity end date [RG3].
[Removed]	The value in the attribute Validity end date does not exist (29022010).
[Removed]	Attribute Validity start date overlaps another publication sigle with the same code type and code of object to publish [PS2].
[Removed]	The validity period of the footnote type must span the validity period of the footnote. [FO17].
[Removed]	Attribute SID Footnote description has incorrect format an8.
[Removed]	The combination certificate type and certificate code is not unique [CE2].
[Removed]	The value in the attribute Validity start date does not exist (32132010).
[Removed]	The value in attribute Validity start date is greater than the Validity end date [MU2].
[Removed]	The value in the attribute Measurement unit qualifier code is not unique [MUQ1].
[Removed]	The value in the attribute Measurement unit qualifier code does not exist [MENT2].
[Removed]	The monetary unit code must be unique [MOU1].
[Removed]	The attribute Monetary unit applicability code has incorrect format (an2).
[Removed]	The value in the attribute Referenced measure type series id does not exist [MT4].
[Removed]	The start date must be less than or equal to the end date [AMT5].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 5: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_03	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The validity period overlaps another Additional code with the same values in the attributes Additional code type + Additional code + Validity start date [ACN4].
[Removed]	The start date of the first description period is not equal to the start date of the additional code. Two associated description periods have the same start date.[ACN5].
[Removed]	The footnotes that are referenced must exist [ACN6].
[Removed]	The validity period of geographical area must not overlap any other geographical area with the same geographical area id [GA7].
[Removed]	The start date of the first description period is not equal to the start date of the geographical area. The start date of the description is greater than the end date of the geographical area [GA3].
[Removed]	The geographical area is more than once member of the same group and there is an overlap in the membership periods [GA18].
[Removed]	The attribute Goods nomenclature group id is left empty.
[Removed]	The combination of the values in the attributes Regulation id and Role id is not unique [ROAC1].
[Removed]	The value in the attribute "Regulation Approved Flag" for a Complete Abrogation regulation is 0 [ROAC19].
[Removed]	The explicit abrogation regulation does not have its "Regulation Approved Flag" set to 1='Approved' [ROAE21].
[Removed]	The attribute Explicit abrogation regulation id is not available or left empty.
[Removed]	The value in the attribute Validity start date is greater than the value in the Validity end date [ROIMB3].
[Removed]	The attribute Approved flag is set to 0='Not Approved' for the regulation that is not a draft one and hence does not start with a 'C' [ROIMB44].
[Removed]	Explicit date of related measure is not within the validity period of the base regulation [ROIMB8].
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROIMM3].
[Removed]	The base regulation is completely abrogated [ROIMM4].
[Removed]	The attribute Base regulation role is left empty.
[Removed]	The format for the attribute Prorogation regulation is 2 long instead of an1.
[Removed]	The prorogation date is smaller than the end date of the last prorogation in the chain [ROP11].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 5: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_03	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	A draft regulation may not be stopped (regulation id starts with 'C') [ROIF6].
[Removed]	<p>The "Regulation Approved Flag" indicates for a draft regulation whether the draft is approved, i.e. the regulation is definitive apart from its publication (only the definitive regulation id and the O.J. reference are not yet known).</p> <p>A FTS regulation must have its "Regulation Approved Flag" set to 1='Approved' [ROIF16].</p>
[Removed]	The attribute Role of stopped regulation is left empty or is not available.
[Removed]	The plan attribute is left empty.
[Removed]	The validity period of the heading is not within (inclusively) the validity period of the plan [TP5].
[Removed]	The referenced footnote does not have a footnote type with application type = 'Meursing table plan footnotes' [TP16].
[Removed]	The validity period of the subheading must be within (inclusively) the validity period of the plan [TP8].
[Removed]	The combination of additional code + start date is not unique [ACM1].
[Removed]	The start date of a Meursing table cell component must be less than or equal to the end date [ACM9].
[Removed]	The start date is greater than the end date [MC2].
[Removed]	The code of the measure action is not unique [MA1].
[Removed]	Two quota order numbers with the same quota order number id are overlapping in time [ON2].
[Removed]	The referenced geographical area does not exist [ON4].
[Removed]	The monetary unit code is not the Euro ISO code (or Ecu for quota defined prior to the Euro) [QD9].
[Removed]	When converted to the measurement unit of the main quota, the volume of a sub-quota must always be lower than or equal to the volume of the main quota [QA3].
[Removed]	The start date of the quota blocking period is earlier than the start date of the quota validity period [QBP2].
[Removed]	The validity period of the quota must span the quota suspension period [QSP2].
[Removed]	There are 2 balance events with the same occurrence timestamp for a given quota [QBAE2].
[Removed]	There are 2 unblocking events with the same occurrence timestamp for a given quota [QUBLE2].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 5: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_03	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The quota definition SID does not exist [QCRE1].
[Removed]	The value in attribute Exhaustion date has incorrect format (an6).
[Removed]	The attribute Quota event occurrence timestamp has been left empty.
[Removed]	The quota definition SID does not exist [QUSE1].
[Removed]	The start date of the goods nomenclature must be less than or equal to the end date [NIG4].
[Removed]	The validity period of the ERN must be within (inclusive) the validity period of the associated goods nomenclature [ERN4].
[Removed]	The attribute Statistical/non statistical indicator is left empty.
[Removed]	The start date of the first is not equal to the start date of the nomenclature. Two associated indentations have the same start date [NIG11].
[Removed]	The value in attribute SID for goods nomenclature indent has incorrect fixed length (n9).
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The value in attribute SID for goods nomenclature description has incorrect format (an8).
[Removed]	The Footnote that is referenced does not exist [NIG20].
[Removed]	The type does not exist.
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the nomenclature [NIG22].
[Removed]	The nomenclature groups that are referenced must exist [NIG13].
[Removed]	The period of the association with a nomenclature group is not within (inclusive) the validity period of the nomenclature group [NIG16].
[Removed]	The value in the attribute Goods nomenclature item id is not available.
[Removed]	The "derived from" code, is a goods nomenclature which exists, but is not applicable the day before the start date of the new code entered [NIG7].
[Removed]	The value in attribute SID for goods nomenclature item has incorrect format (an8).
[Removed]	The "absorbed by" code is a goods nomenclature which exists, but is not applicable the day after the closing date [NIG10].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 5: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_03	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in attribute SID for goods nomenclature item has incorrect format (an8).
[Removed]	The start date of the first indent must be equal to the start date of the ERN. No two associated indents may have the same start date. The start date must be less than or equal to the end date of the ERN [ERN6].
[Removed]	The value in the attribute Validity start date of export refund nomenclature description does not exist (32132010).
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the ERN [ERN10].
[Removed]	There is an overlap in time with other measure occurrences with a goods code in the same nomenclature hierarchy which references the same measure type, geo area, order number, additional code and reduction percentage indicator. This rule is not applicable for Meursing additional codes [ME32].
[Removed]	The goods nomenclature code is not a product code [ME7].
[Removed]	The measure type must exist [ME2].
[Removed]	The referenced duty expression does not exist [ME41].
[Removed]	The flag is set "not permitted", but an amount is entered [ME45].
[Removed]	If the flag "monetary unit" on duty expression is "mandatory" then a monetary unit must be specified. If the flag is set "not permitted" then no monetary unit may be entered [ME46].
[Removed]	The referenced measure condition does not exist [ME53].
[Removed]	The validity period of the referenced measure condition does not span the validity period of the measure [ME54].
[Removed]	The referenced certificate must exist [ME56].
[Removed]	The flag 'monetary unit' on duty expression is 'mandatory', but no monetary unit is specified [ME110].
[Removed]	The flag is set to 'not permitted', but an amount is entered [ME109].
[Removed]	The attribute Duty Expression id is not available.
[Removed]	The excluded geographical area is not a member of the geographical area group [ME66].
[Removed]	The membership period of the excluded geographical area does not span the validity period of the measure [ME67].
[Removed]	The same geographical area is excluded more than once by the same measure [ME68].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 5: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_03	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The associated footnote does not exist [ME69].
[Removed]	The same footnote is associated more than once with the same measure [ME70].
[Removed]	The abrogation regulation is not entered, although the PTS end date is filled in [ME77].
[Removed]	The PTS regulation and abrogation regulation must be the same if the start date and the end date are entered when creating the record [ME75].
[Removed]	The combination of “parent” monetary unit, “child” monetary unit and the start date is not unique in the union of the stable and unstable database [MOXR1].
[Removed]	The exchange rate is not greater than 0 [MOXR5].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 6: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_04	Ref: IDS-CTP

ANNEX 6: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_04

Folder Path	Reason to fail
[Removed]	The attribute Footnote type id is not available or left empty.
[Removed]	The value in the attribute Short description of certificate type contains more than 500 characters (an501).
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Language id is not available or left empty.
[Removed]	The value in the attribute Short description of measure type series contains more than 500 characters (an501).
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute Regulation role type id does not exist.
[Removed]	The value in the attribute Footnote type id has incorrect format (n3).
[Removed]	The value in the attribute Certificate type code does not exist.
[Removed]	The attribute Language id is not available or left empty.
[Removed]	The value in the attribute Short description of measurement unit qualifier contains more than 500 characters (an501).
[Removed]	The value in the attribute Monetary unit code has incorrect format (n3).
[Removed]	The value in the attribute Duty expression id does not exist.
[Removed]	The attribute Measure type id is not available or left empty.
[Removed]	There is no Additional code description available for the equivalent Additional code (1..N), although at least one description is mandatory.
[Removed]	The value in the attribuet Geographical area id does not exist.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute Short description of Meursing heading contains more than 500 characters (an501).
[Removed]	The value in the attribute Short description of measure condition contains more than 500 characters (an501).
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute SID for goods nomenclature item does not exist.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 6: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_04	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Product line suffix is not available or left empty.
[Removed]	The validity period of the referenced additional code does not span the validity period of the export refund nomenclature description [ERN19].
[Removed]	The value in the attribute Language id has incorrect format (n2).

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 7: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_05	Ref: IDS-CTP

ANNEX 7: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_05

Folder Path	Reason to fail
[Removed]	The combination of the values in the attributes Additional code type id and Measure type id is not unique [AMT3].
[Removed]	The start date of the additional code must be less than or equal to the end date [ACN3].
[Removed]	The start date must be less than or equal to the end date[GA2].
[Removed]	The referenced geographical area id (member) must exist [GA12].
[Removed]	The start date must be less than or equal to the end date if the end date is explicit [ROIF8].
[Removed]	The validity period of the subheading does not span the validity period of the related Meursing table cells [TP9].
[Removed]	The Meursing table cell does not contain the reference to a row subheading [ACM11].
[Removed]	The validity period of the goods nomenclature does not span the validity period of the line(s) below in the hierarchy in case of a product line suffix equal to "80" [NIG3].
[Removed]	The same footnote is associated more than once with the same nomenclature, but there is an overlap in their association periods [NIG24].
[Removed]	The ERN code is a combination of additional code type + ERN additional code + product code, but the additional code type has not as application code = "ERN additional code type" [ERN1].
[Removed]	The attribute Export refund code is not available.
[Removed]	The validity period of the measurement unit qualifier does not span the validity period of the measure [ME52].
[Removed]	The same certificate is referenced more than once by the same measure and the same condition type [ME58].
[Removed]	The validity period of the associated footnote must span the validity period of the measure [ME73].
[Removed]	The start date of the PTS must be less than or equal to the end date [ME74].
[Removed]	There is an overlap between different PTS periods [ME79].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 7: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_05	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	When a monetary unit is used in a monetary exchange record, the VP of the monetary unit must span the VP of the monetary exchange record [MOXR2].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 9: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_07	Ref: IDS-CTP

ANNEX 9: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_07

Folder Path	Reason to fail
[Removed]	Attribute Language id is not available or left empty.
[Removed]	Attribute Footnote type id is not available or left empty.
[Removed]	Value in attribute Validity start date is greater than the Validity end date [CET3].
[Removed]	The start date must be less than or equal to the end date [CT4].
[Removed]	The language id is not unique [LA1].
[Removed]	Value in attribute Validity start date contains a non existing date (20100229).
[Removed]	The value in the attribute Validity start date is greater than the Validity end date [RG3].
[Removed]	The value in the attribute Validity end date does not exist (29022010).
[Removed]	Attribute Validity start date overlaps another publication sigle with the same code type and code of object to publish [PS2].
[Removed]	The validity period of the footnote type must span the validity period of the footnote. [FO17].
[Removed]	Attribute SID Footnote description has incorrect format an8.
[Removed]	The combination certificate type and certificate code is not unique [CE2].
[Removed]	The value in the attribute Validity start date does not exist (32132010).
[Removed]	The value in attribute Validity start date is greater than the Validity end date [MU2].
[Removed]	The value in the attribute Measurement unit qualifier code is not unique [MUQ1].
[Removed]	The value in the attribute Measurement unit qualifier code does not exist [MENT2].
[Removed]	The monetary unit code must be unique [MOU1].
[Removed]	The attribute Monetary unit applicability code has incorrect format (an2).
[Removed]	The value in the attribute Referenced measure type series id does not exist [MT4].
[Removed]	The start date must be less than or equal to the end date [AMT5].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 9: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_07	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The validity period overlaps another Additional code with the same values in the attributes Additional code type + Additional code + Validity start date [ACN4].
[Removed]	The start date of the first description period is not equal to the start date of the additional code. Two associated description periods have the same start date [ACN5].
[Removed]	The footnotes that are referenced must exist [ACN6].
[Removed]	The validity period of geographical area must not overlap any other geographical area with the same geographical area id [GA7].
[Removed]	The start date of the first description period is not equal to the start date of the geographical area. The start date of the description is greater than the end date of the geographical area [GA3].
[Removed]	The geographical area is more than once member of the same group and there is an overlap in the membership periods [GA18].
[Removed]	The attribute Goods nomenclature group id is left empty.
[Removed]	The combination of the values in the attributes Regulation id and Role id is not unique [ROAC1].
[Removed]	The value in the attribute "Regulation Approved Flag" for a Complete Abrogation regulation is 0 [ROAC19].
[Removed]	The explicit abrogation regulation does not have its "Regulation Approved Flag" set to 1='Approved' [ROAE21].
[Removed]	The attribute Explicit abrogation regulation id is not available or left empty.
[Removed]	The value in the attribute Validity start date is greater than the value in the Validity end date [ROIMB3].
[Removed]	The attribute Approved flag is set to 0='Not Approved' for the regulation that is not a draft one and hence does not start with a 'C' [ROIMB44].
[Removed]	Explicit date of related measure is not within the validity period of the base regulation [ROIMB8].
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROIMM3].
[Removed]	The base regulation is completely abrogated [ROIMM4].
[Removed]	The attribute Base regulation role is left empty.
[Removed]	The (regulation id + role id) must be unique [ROP1].
[Removed]	The format for the attribute Prorogation regulation is 2 long in stead of an1.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 9: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_07	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	A regulation can only be prorogated once by the same prorogation regulation (the same regulation can only appear once in the list of prorogated regulations on the screen) [ROP8].
[Removed]	The prorogation date is smaller than the end date of the last prorogation in the chain [ROP11].
[Removed]	The prorogated regulation must not be abrogated completely or explicitly [ROP7].
[Removed]	A draft regulation may not be stopped (regulation id starts with 'C') [ROIF6].
[Removed]	<p>The "Regulation Approved Flag" indicates for a draft regulation whether the draft is approved, i.e. the regulation is definitive apart from its publication (only the definitive regulation id and the O.J. reference are not yet known).</p> <p>A FTS regulation must have its "Regulation Approved Flag" set to 1='Approved' [ROIF16].</p>
[Removed]	The attribute Role of stopped regulation is left empty or is not available.
[Removed]	A completely abrogated regulation must not be subsequently stopped [ROIF7].
[Removed]	The plan attribute is left empty.
[Removed]	The validity period of the heading is not within (inclusively) the validity period of the plan [TP5].
[Removed]	The referenced footnote does not have a footnote type with application type = 'Meursing table plan footnotes' [TP16].
[Removed]	The validity period of the subheading must be within (inclusively) the validity period of the plan [TP8].
[Removed]	The combination of additional code + start date is not unique [ACM1].
[Removed]	The start date of a Meursing table cell component must be less than or equal to the end date [ACM9].
[Removed]	The start date is greater than the end date [MC2].
[Removed]	The code of the measure action is not unique [MA1].
[Removed]	Two quota order numbers with the same quota order number id are overlapping in time [ON2].
[Removed]	The referenced geographical area does not exist [ON4].
[Removed]	The monetary unit code is not the Euro ISO code (or Ecu for quota defined prior to the Euro) [QD9].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 9: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_07	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	When converted to the measurement unit of the main quota, the volume of a sub-quota must always be lower than or equal to the volume of the main quota [QA3].
[Removed]	The start date of the quota blocking period is earlier than the start date of the quota validity period [QBP2].
[Removed]	The validity period of the quota must span the quota suspension period [QSP2].
[Removed]	There are 2 balance events with the same occurrence timestamp for a given quota [QBAE2].
[Removed]	There are 2 unblocking events with the same occurrence timestamp for a given quota [QUBLE2].
[Removed]	The quota definition SID does not exist [QCRE1].
[Removed]	The value in attribute Exhaustion date has incorrect format (an6).
[Removed]	The attribute Quota event occurrence timestamp has been left empty.
[Removed]	The quota definition SID does not exist [QUSE1].
[Removed]	The start date of the goods nomenclature must be less than or equal to the end date [NIG4].
[Removed]	The validity period of the ERN must be within (inclusive) the validity period of the associated goods nomenclature [ERN4].
[Removed]	The attribute Statistical/non statistical indicator is left empty.
[Removed]	The start date of the first is not equal to the start date of the nomenclature. Two associated indentations have the same start date [NIG11].
[Removed]	The value in attribute SID for goods nomenclature indent has incorrect fixed length (n9).
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The value in attribute SID for goods nomenclature description has incorrect format (an8).
[Removed]	The Footnote that is referenced does not exist [NIG20].
[Removed]	The type does not exist.
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the nomenclature [NIG22].
[Removed]	The nomenclature groups that are referenced must exist [NIG13].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 9: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_07	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The period of the association with a nomenclature group is not within (inclusive) the validity period of the nomenclature group [NIG16].
[Removed]	The value in the attribute Goods nomenclature item id is not available.
[Removed]	The "derived from" code, is a goods nomenclature which exists, but is not applicable the day before the start date of the new code entered [NIG7].
[Removed]	The value in attribute SID for goods nomenclature item has incorrect format (an8).
[Removed]	The "absorbed by" code is a goods nomenclature which exists, but is not applicable the day after the closing date [NIG10].
[Removed]	The value in attribute SID for goods nomenclature item has incorrect format (an8).
[Removed]	The validity period of the referenced additional code must span the validity period of the export refund nomenclature [ERN17].
[Removed]	The start date of the first indent must be equal to the start date of the ERN. No two associated indents may have the same start date. The start date must be less than or equal to the end date of the ERN [ERN6].
[Removed]	The value in the attribute Validity start date of export refund nomenclature description does not exist (32132010).
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the ERN [ERN10].
[Removed]	There is an overlap in time with other measure occurrences with a goods code in the same nomenclature hierarchy which references the same measure type, geo area, order number, additional code and reduction percentage indicator. This rule is not applicable for Meursing additional codes [ME32].
[Removed]	The goods nomenclature code is not a product code [ME7].
[Removed]	The measure type must exist [ME2].
[Removed]	The referenced duty expression does not exist [ME41].
[Removed]	The flag is set "not permitted", but an amount is entered [ME45].
[Removed]	If the flag "monetary unit" on duty expression is "mandatory" then a monetary unit must be specified. If the flag is set "not permitted" then no monetary unit may be entered [ME46].
[Removed]	The referenced measure condition does not exist [ME53].
[Removed]	The validity period of the referenced measure condition does not span the validity period of the measure [ME54].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 9: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_07	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The referenced certificate must exist [ME56].
[Removed]	The flag 'monetary unit' on duty expression is 'mandatory', but no monetary unit is specified [ME110].
[Removed]	The flag is set to 'not permitted', but an amount is entered [ME109].
[Removed]	The attribute Duty Expression id is not available.
[Removed]	The excluded geographical area is not a member of the geographical area group [ME66].
[Removed]	The membership period of the excluded geographical area doesn't span the validity period of the measure [ME67].
[Removed]	The same geographical area is excluded more than once by the same measure [ME68].
[Removed]	The associated footnote does not exist [ME69].
[Removed]	The same footnote is associated more than once with the same measure [ME70].
[Removed]	The abrogation regulation is not entered, although the PTS end date is filled in [ME77].
[Removed]	The PTS regulation and abrogation regulation must be the same if the start date and the end date are entered when creating the record [ME75].
[Removed]	The combination of “parent” monetary unit, “child” monetary unit and the start date is not unique in the union of the stable and unstable database [MOXR1].
[Removed]	The exchange rate is not greater than 0 [MOXR5].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 10: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_08	Ref: IDS-CTP

ANNEX 10: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_08

Folder Path	Reason to fail
[Removed]	The attribute Footnote type id is not available or left empty.
[Removed]	The value in the attribute Short description of certificate type contains more than 500 characters (an501).
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Language id is not available or left empty.
[Removed]	The value in the attribute Short description of measure type series contains more than 500 characters (an501).
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute Regulation role type id does not exist.
[Removed]	The value in the attribute Footnote type id has incorrect format (n3).
[Removed]	The value in the attribute Certificate type code does not exist.
[Removed]	The attribute Language id is not available or left empty.
[Removed]	The value in the attribute Short description of measurement unit qualifier contains more than 500 characters (an501).
[Removed]	The value in the attribute Monetary unit code has incorrect format (n3).
[Removed]	The value in the attribute Duty expression id does not exist.
[Removed]	The attribute Measure type id is not available or left empty.
[Removed]	There is no Additional code description available for the equivalent Additional code (1..N), although at least one description is mandatory.
[Removed]	The value in the attribuet Geographical area id does not exist.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute Short description of Meursing heading contains more than 500 characters (an501).
[Removed]	The value in the attribute Short description of measure condition contains more than 500 characters (an501).
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute SID for goods nomenclature item does not exist.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 10: MESSAGE LIST TEST CASE FULLEXTRACT_LOADNOK_08	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Product line suffix is not available or left empty.
[Removed]	The validity period of the referenced additional code does not span the validity period of the export refund nomenclature description [ERN19].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 19: MESSAGE LIST TEST CASE DIFF_REJINSERT_01	Ref: IDS-CTP

ANNEX 19: MESSAGE LIST TEST CASE DIFF_REJINSERT_01

Folder Path	Reason to fail
[Removed]	Attribute Language id is not available or left empty.
[Removed]	Attribute Footnote type id is not available or left empty.
[Removed]	The attribute Footnote type id is not available or left empty.
[Removed]	Value in attribute Validity start date is greater than the Validity end date [CET3].
[Removed]	The value in the attribute Short description of certificate type contains more than 500 characters (an501).
[Removed]	The value in attribute Meursing table plan id exists, but the attribute Additional code type has NOT the value "Meursing table additional code type" as application code [CT2].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The language id is not unique [LA1].
[Removed]	The attribute Language id is not available or left empty.
[Removed]	Value in attribute Validity start date contains a non existing date (20100229).
[Removed]	The value in the attribute Short description of measure type series contains more than 500 characters (an501).
[Removed]	The value in the attribute Validity start date is greater than the Validity end date [RG3].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	Attribute Validity start date overlaps another publication sigle with the same code type and code of object to publish [PS2].
[Removed]	The Validity end date of the Footnote type value is smaller than the Validity end date of the Footnote [FO17].
[Removed]	Attribute SID Footnote description has incorrect format an8.
[Removed]	The value in the attribute Footnote type id has incorrect format (n3).
[Removed]	The combination certificate type and certificate code is not unique [CE2].
[Removed]	The value in the attribute Validity start date does not exist (32132010).
[Removed]	The value in the attribute Short description of certificate has incorrect format (an501).

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 19: MESSAGE LIST TEST CASE DIFF_REJINSERT_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in attribute Validity start date is greater than the Validity end date [MU2].
[Removed]	The attribute Language id is not available or left empty.
[Removed]	The value in the attribute Measurement unit qualifier code is not unique [MUQ1].
[Removed]	The value in the attribute Short description of measurement unit qualifier contains more than 500 characters (an501).
[Removed]	The value in the attribute Measurement unit qualifier code does not exist [MENT2].
[Removed]	The monetary unit code must be unique [MOU1].
[Removed]	The value in the attribute Monetary unit code has incorrect format (an3).
[Removed]	The attribute Monetary unit applicability code has incorrect format (an2).
[Removed]	The value in the attribute Duty expression id does not exist.
[Removed]	The value in the attribute Referenced measure type series id does not exist [MT4].
[Removed]	The attribute Measure type id is not available or left empty.
[Removed]	The combination of the values in the attributes Additional code type id and Measure type id is not unique [AMT3].
[Removed]	The validity period overlaps another Additional code with the same values in the attributes Additional code type + Additional code + Validity start date [ACN4].
[Removed]	The start date of the first description period is not equal to the start date of the additional code. Two associated description periods have the same start date [ACN5].
[Removed]	There is no Additional code description available for the equivalent Additional code (1..N), although at least one description is mandatory.
[Removed]	The referenced footnote does not have a footnote type with application type = "additional code" [ACN30].
[Removed]	The validity period of geographical area must not overlap any other geographical area with the same geographical area id [GA7].
[Removed]	The start date of the first description period is not equal to the start date of the geographical area. The start date of the description is greater than the end date of the geographical area [GA3].
[Removed]	The geographical area is more than once member of the same group and there is an overlap in the membership periods [GA18].
[Removed]	The attribute Goods nomenclature group id is left empty.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 19: MESSAGE LIST TEST CASE DIFF_REJINSERT_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The combination of the values in the attributes Regulation id and Role id is not unique [ROAC1].
[Removed]	The value in the attribute "Regulation Approved Flag" for a Complete Abrogation regulation is 0 [ROAC19].
[Removed]	The explicit abrogation regulation does not have its "Regulation Approved Flag" set to 1='Approved' [ROAE21].
[Removed]	The attribute Explicit abrogation regulation id is not available or left empty.
[Removed]	The value in the attribute Validity start date is greater than the value in the Validity end date [ROIMB3].
[Removed]	The attribute Approved flag is set to 0='Not Approved' for the regulation that is not a draft one and hence does not start with a 'C' [ROIMB44].
[Removed]	Explicit date of related measure is not within the validity period of the base regulation [ROIMB8].
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROIMM3].
[Removed]	The base regulation is completely abrogated [ROIMM4].
[Removed]	The attribute Base regulation role is left empty.
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROP18].
[Removed]	The format for the attribute Prorogation regulation is 2 long in stead of an1.
[Removed]	A draft regulation may not be stopped (regulation id starts with 'C') [ROIF6].
[Removed]	An FTS regulation can not stop the same regulation twice (the same regulation can only appear once in the list of stopped regulations on the screen) [ROIF9].
[Removed]	The attribute Role of stopped regulation is left empty or is not available.
[Removed]	The value in the attribute Stopped regulation id has incorrect length (an9).
[Removed]	The plan is not unique [TP1].
[Removed]	The validity period of the heading is not within (inclusively) the validity period of the plan [TP5].
[Removed]	The value in the attribute Language id has incorrect format (n2).

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 19: MESSAGE LIST TEST CASE DIFF_REJINSERT_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	<p>The validity period of the subheading does not span the validity period of the related Meursing table cells [TP9].</p> <p>OR</p> <p>The validity period of the subheading must span the validity period of the Meursing table cell component [ACM10].</p>
[Removed]	The combination of additional code + start date is not unique [ACM1].
[Removed]	The Meursing table cell does not contain the reference to a row subheading [ACM11].
[Removed]	The start date is greater than the end date [MC2].
[Removed]	The value in the attribute Short description of measure condition contains more than 500 characters (an501).
[Removed]	The code of the measure action is not unique [MA1].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The referenced geographical area does not exist [ON4].
[Removed]	The monetary unit code is not the Euro ISO code (or Ecu for quota defined prior to the Euro) [QD9].
[Removed]	Whenever a sub-quota receives a coefficient, this has to be a strictly positive decimal number. When it is not specified a value of 1 is always assumed [QA4].
[Removed]	The start date of the quota blocking period is earlier than the start date of the quota validity period [QBP2].
[Removed]	The value in the attribute Quota definition SID has fixed length n9.
[Removed]	There are 2 balance events with the same occurrence timestamp for a given quota [QBAE2].
[Removed]	The quota definition SID does not exist [QCRE1].
[Removed]	The value in attribute Exhaustion date has incorrect format (an6).
[Removed]	The quota definition SID does not exist [QUSE1].
[Removed]	The validity period of the goods nomenclature does not span the validity period of the line(s) below in the hierarchy in case of a product line suffix equal to "80" [NIG3].
[Removed]	The validity period of the ERN must be within (inclusive) the validity period of the associated goods nomenclature.[ERN4]
[Removed]	The attribute Statistical/non statistical indicator is left empty.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 19: MESSAGE LIST TEST CASE DIFF_REJINSERT_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The start date of the first is not equal to the start date of the nomenclature. Two associated indentations have the same start date [NIG11].
[Removed]	The start date of the first indentation must be equal to the start date of the nomenclature. No two associated indentations may have the same start date. The start date must be less than or equal to the end date of the nomenclature [NIG11].
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The value in the attribute SID for goods nomenclature item does not exist.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Product line suffix is not available or left empty.
[Removed]	The Footnote that is referenced does not exist [NIG20].
[Removed]	The same footnote is associated more than once with the same nomenclature, but there is an overlap in their association periods [NIG24].
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the nomenclature [NIG22].
[Removed]	The period of the association with a nomenclature group is not within (inclusive) the validity period of the nomenclature group [NIG16].
[Removed]	The value in the attribute Goods nomenclature item id is not available.
[Removed]	The "derived from" code, is a goods nomenclature which exists, but is not applicable the day before the start date of the new code entered [NIG7].
[Removed]	The value in attribute "derived from" item has incorrect format (an8).
[Removed]	The "absorbed by" code is a goods nomenclature which exists, but is not applicable the day after the closing date [NIG10].
[Removed]	The value in attribute "absorbed by" item has incorrect format (an8).
[Removed]	The ERN code is a combination of additional code type + ERN additional code + product code, but the additional code type has not as application code = "ERN additional code type" [ERN1].
[Removed]	The start date is different.
[Removed]	The attribute Export refund code is not available.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 19: MESSAGE LIST TEST CASE DIFF_REJINSERT_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the ERN [ERN10].
[Removed]	The goods nomenclature code is not a product code [ME7].
[Removed]	The order number is not specified, although the "order number flag" (specified in the measure type record) has the value "mandatory" [ME10].
[Removed]	The referenced duty expression does not exist [ME41].
[Removed]	The flag is set "not permitted", but an amount is entered [ME45].
[Removed]	The validity period of the measurement unit qualifier does not span the validity period of the measure [ME52].
[Removed]	The referenced measure condition does not exist [ME53].
[Removed]	The validity period of the referenced measure condition does not span the validity period of the measure [ME54].
[Removed]	The referenced certificate does not exist [ME56].
[Removed]	The flag 'monetary unit' on duty expression is 'mandatory', but no monetary unit is specified [ME110].
[Removed]	The flag is set to 'not permitted', but an amount is entered [ME109].
[Removed]	The attribute Duty Expression id is not available.
[Removed]	The excluded geographical area is not a member of the geographical area group [ME66].
[Removed]	The membership period of the excluded geographical area doesn't span the validity period of the measure [ME67].
[Removed]	The same geographical area is excluded more than once by the same measure [ME68].
[Removed]	The associated footnote does not exist [ME69].
[Removed]	The abrogation regulation is not entered, although the PTS end date is filled in [ME77].
[Removed]	There is an overlap between different PTS periods [ME79].
[Removed]	The combination of "parent" monetary unit, "child" monetary unit and the start date is not unique in the union of the stable and unstable database [MOXR1].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02	Ref: IDS-CTP

ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02

Folder Path	Reason to fail
[Removed]	Attribute Language id is not available or left empty.
[Removed]	Attribute Footnote type id is not available or left empty.
[Removed]	The attribute Footnote type id is not available or left empty.
[Removed]	Value in attribute Validity start date is greater than the Validity end date [CET3].
[Removed]	The value in the attribute Short description of certificate type contains more than 500 characters (an501).
[Removed]	The value in attribute Meursing table plan id exists, but the attribute Additional code type has NOT the value "Meursing table additional code type" as application code [CT2].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The language id is not unique [LA1].
[Removed]	The attribute Language id is not available or left empty.
[Removed]	Value in attribute Validity start date contains a non existing date (20100229).
[Removed]	The value in the attribute Short description of measure type series contains more than 500 characters (an501).
[Removed]	The value in the attribute Validity start date is greater than the Validity end date [RG3].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute Validity end date does not exist (29022010).
[Removed]	Attribute Validity start date overlaps another publication sigle with the same code type and code of object to publish [PS2].
[Removed]	The Validity end date of the Footnote type value is smaller than the Validity end date of the Footnote [FO17].
[Removed]	Attribute SID Footnote description has incorrect format an8.
[Removed]	The value in the attribute Footnote type id has incorrect format (n3).
[Removed]	The combination certificate type and certificate code is not unique [CE2].
[Removed]	The value in the attribute Validity start date does not exist (32132010).
[Removed]	The value in the attribute Short description of certificate has incorrect format (an501).

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in attribute Validity start date is greater than the Validity end date [MU2].
[Removed]	The attribute Language id is not available or left empty.
[Removed]	The value in the attribute Measurement unit qualifier code is not unique [MUQ1].
[Removed]	The value in the attribute Short description of measurement unit qualifier contains more than 500 characters (an501).
[Removed]	The value in the attribute Measurement unit qualifier code does not exist [MENT2].
[Removed]	The monetary unit code must be unique [MOU1].
[Removed]	The value in the attribute Monetary unit code has incorrect format (an3).
[Removed]	The attribute Monetary unit applicability code has incorrect format (an2).
[Removed]	The value in the attribute Duty expression id does not exist.
[Removed]	The value in the attribute Referenced measure type series id does not exist [MT4].
[Removed]	The attribute Measure type id is not available or left empty.
[Removed]	The combination of the values in the attributes Additional code type id and Measure type id is not unique [AMT3].
[Removed]	The validity period overlaps another Additional code with the same values in the attributes Additional code type + Additional code + Validity start date [ACN4].
[Removed]	The start date of the first description period is not equal to the start date of the additional code. Two associated description periods have the same start date [ACN5].
[Removed]	There is no Additional code description available for the equivalent Additional code (1..N), although at least one description is mandatory.
[Removed]	The referenced footnote does not have a footnote type with application type = "additional code" [ACN30].
[Removed]	The validity period of geographical area must not overlap any other geographical area with the same geographical area id [GA7].
[Removed]	The start date of the first description period is not equal to the start date of the geographical area. The start date of the description is greater than the end date of the geographical area [GA3].
[Removed]	The value in the attribuet Geographical area id does not exist.
[Removed]	The geographical area is more than once member of the same group and there is an overlap in the membership periods [GA18].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The attribute Goods nomenclature group id is left empty.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The combination of the values in the attributes Regulation id and Role id is not unique [ROAC1].
[Removed]	The value in the attribute "Regulation Approved Flag" for a Complete Abrogation regulation is 0 [ROAC19].
[Removed]	The explicit abrogation regulation does not have its "Regulation Approved Flag" set to 1='Approved' [ROAE21].
[Removed]	The attribute Explicit abrogation regulation id is not available or left empty.
[Removed]	The value in the attribute Validity start date is greater than the value in the Validity end date [ROIMB3].
[Removed]	The attribute Approved flag is set to 0='Not Approved' for the regulation that is not a draft one and hence does not start with a 'C' [ROIMB44].
[Removed]	Explicit date of related measure is not within the validity period of the base regulation [ROIMB8].
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROIMM3].
[Removed]	The base regulation is completely abrogated [ROIMM4].
[Removed]	The attribute Base regulation role is left empty.
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROP18].
[Removed]	The format for the attribute Prorogation regulation is 2 long in stead of an1.
[Removed]	A regulation can only be prorogated once by the same prorogation regulation (the same regulation can only appear once in the list of prorogated regulations on the screen) [ROP8].
[Removed]	The prorogated regulation must not be abrogated completely or explicitly [ROP7].
[Removed]	A draft regulation may not be stopped (regulation id starts with 'C') [ROIF6].
[Removed]	An FTS regulation can not stop the same regulation twice (the same regulation can only appear once in the list of stopped regulations on the screen) [ROIF9].
[Removed]	The attribute Role of stopped regulation is left empty or is not available.
[Removed]	The value in the attribute Stopped regulation id has incorrect length (an9).

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The plan is not unique [TP1].
[Removed]	The validity period of the heading is not within (inclusively) the validity period of the plan [TP5].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	<p>The validity period of the subheading does not span the validity period of the related Meursing table cells [TP9].</p> <p>OR</p> <p>The validity period of the subheading must span the validity period of the Meursing table cell component [ACM10].</p>
[Removed]	The combination of additional code + start date is not unique [ACM1].
[Removed]	The Meursing table cell does not contain the reference to a row subheading [ACM11].
[Removed]	The start date is greater than the end date [MC2].
[Removed]	The value in the attribute Short description of measure condition contains more than 500 characters (an501).
[Removed]	The code of the measure action is not unique [MA1].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	Two quota order numbers with the same quota order number id are overlapping in time [ON2].
[Removed]	The monetary unit code is not the Euro ISO code (or Ecu for quota defined prior to the Euro) [QD9].
[Removed]	Whenever a sub-quota receives a coefficient, this has to be a strictly positive decimal number. When it is not specified a value of 1 is always assumed [QA4].
[Removed]	The start date of the quota blocking period is earlier than the start date of the quota validity period [QBP2].
[Removed]	The value in the attribute Quota definition SID has fixed length n9.
[Removed]	There are 2 balance events with the same occurrence timestamp for a given quota [QBAE2].
[Removed]	The quota definition SID does not exist [QCRE1].
[Removed]	The value in attribute Exhaustion date has incorrect format (an6).
[Removed]	The quota definition SID does not exist [QUSE1].
[Removed]	The validity period of the goods nomenclature does not span the validity period of the line(s) below in the hierarchy in case of a product line suffix equal to "80" [NIG3].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The validity period of the ERN must be within (inclusive) the validity period of the associated goods nomenclature.[ERN4]
[Removed]	The attribute Statistical/non statistical indicator is left empty.
[Removed]	The start date of the first is not equal to the start date of the nomenclature. Two associated indentations have the same start date [NIG11].
[Removed]	The start date of the first indentation must be equal to the start date of the nomenclature. No two associated indentations may have the same start date. The start date must be less than or equal to the end date of the nomenclature [NIG11].
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The value in the attribute SID for goods nomenclature item does not exist.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Product line suffix is not available or left empty.
[Removed]	The Footnote that is referenced does not exist [NIG20].
[Removed]	The same footnote is associated more than once with the same nomenclature, but there is an overlap in their association periods [NIG24].
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the nomenclature [NIG22].
[Removed]	The period of the association with a nomenclature group is not within (inclusive) the validity period of the nomenclature group [NIG16].
[Removed]	The value in the attribute Goods nomenclature item id is not available.
[Removed]	The "derived from" code, is a goods nomenclature which exists, but is not applicable the day before the start date of the new code entered [NIG7].
[Removed]	The value in attribute "derived from" item has incorrect format (an8).
[Removed]	The "absorbed by" code is a goods nomenclature which exists, but is not applicable the day after the closing date [NIG10].
[Removed]	The value in attribute "absorbed by" item has incorrect format (an8).
[Removed]	The ERN code is a combination of additional code type + ERN additional code + product code, but the additional code type has not as application code = "ERN additional code type" [ERN1].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The validity period of the referenced additional code does not span the validity period of the export refund nomenclature indent [ERN18].
[Removed]	The start date is different.
[Removed]	The attribute Export refund code is not available.
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the ERN [ERN10].
[Removed]	The goods nomenclature code is not a product code [ME7].
[Removed]	The order number is not specified, although the "order number flag" (specified in the measure type record) has the value "mandatory" [ME10].
[Removed]	The referenced duty expression does not exist [ME41].
[Removed]	The flag is set "not permitted", but an amount is entered [ME45].
[Removed]	The validity period of the measurement unit qualifier does not span the validity period of the measure [ME52].
[Removed]	The referenced measure condition does not exist [ME53].
[Removed]	The validity period of the referenced measure condition does not span the validity period of the measure [ME54].
[Removed]	The referenced certificate does not exist [ME56].
[Removed]	The flag 'monetary unit' on duty expression is 'mandatory', but no monetary unit is specified [ME110].
[Removed]	The flag is set to 'not permitted', but an amount is entered [ME109].
[Removed]	The attribute Duty Expression id is not available.
[Removed]	The excluded geographical area is not a member of the geographical area group [ME66].
[Removed]	The membership period of the excluded geographical area doesn't span the validity period of the measure [ME67].
[Removed]	The same geographical area is excluded more than once by the same measure [ME68].
[Removed]	Footnotes with a footnote type for which the application type = "CN footnotes" cannot be associated with TARIC codes (codes with pos. 9-10 different from 00) [ME71].
[Removed]	The associated footnote does not exist [ME69].
[Removed]	The same footnote is associated more than once with the same measure [ME70].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 20: MESSAGE LIST TEST CASE DIFF_REJINSERT_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The abrogation regulation is not entered, although the PTS end date is filled in [ME77].
[Removed]	There is an overlap between different PTS periods [ME79].
[Removed]	The combination of “parent” monetary unit, “child” monetary unit and the start date is not unique in the union of the stable and unstable database [MOXR1].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 21: MESSAGE LIST TEST CASE DIFF_REJUPDATE_01	Ref: IDS-CTP

ANNEX 21: MESSAGE LIST TEST CASE DIFF_REJUPDATE_01

Folder Path	Reason to fail
[Removed]	Attribute Language id is not available or left empty.
[Removed]	Attribute Footnote type id is not available or left empty.
[Removed]	The attribute Footnote type id is not available or left empty.
[Removed]	Value in attribute Validity start date is greater than the Validity end date [CET3].
[Removed]	The value in the attribute Short description of certificate type contains more than 500 characters (an501).
[Removed]	The value in attribute Meursing table plan id exists, but the attribute Additional code type has NOT the value "Meursing table additional code type" as application code [CT2].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Language id is not available or left empty.
[Removed]	Value in attribute Validity start date contains a non existing date (20100229).
[Removed]	The value in the attribute Short description of measure type series contains more than 500 characters (an501).
[Removed]	The value in the attribute Validity start date is greater than the Validity end date [RG3].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute Validity end date does not exist (29022010).
[Removed]	The value in the attribute Regulation role type id does not exist.
[Removed]	Attribute Validity start date overlaps another publication sigle with the same code type and code of object to publish [PS2].
[Removed]	The Validity end date of the Footnote type value is smaller than the Validity end date of the Footnote [FO17].
[Removed]	Attribute SID Footnote description has incorrect format an8.
[Removed]	The value in the attribute Footnote type id has incorrect format (n3).
[Removed]	The value in the attribute Validity start date does not exist (32132010).
[Removed]	The value in the attribute Short description of certificate has incorrect format (an501).

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 21: MESSAGE LIST TEST CASE DIFF_REJUPDATE_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in attribute Validity start date is greater than the Validity end date [MU2].
[Removed]	The attribute Language id is not available or left empty.
[Removed]	The value in the attribute Short description of measurement unit qualifier contains more than 500 characters (an501).
[Removed]	The value in the attribute Monetary unit code has incorrect format (an3).
[Removed]	The attribute Monetary unit applicability code has incorrect format (an2).
[Removed]	The value in the attribute Duty expression id does not exist.
[Removed]	The value in the attribute Referenced measure type series id does not exist [MT4].
[Removed]	The attribute Measure type id is not available or left empty.
[Removed]	The validity period overlaps another Additional code with the same values in the attributes Additional code type + Additional code + Validity start date [ACN4].
[Removed]	The start date of the first description period is not equal to the start date of the additional code. Two associated description periods have the same start date [ACN5].
[Removed]	There is no Additional code description available for the equivalent Additional code (1..N), although at least one description is mandatory.
[Removed]	The validity period of geographical area must not overlap any other geographical area with the same geographical area id [GA7].
[Removed]	The start date of the first description period is not equal to the start date of the geographical area. The start date of the description is greater than the end date of the geographical area [GA3].
[Removed]	The value in the attribuet Geographical area id does not exist.
[Removed]	The geographical area is more than once member of the same group and there is an overlap in the membership periods [GA18].
[Removed]	The attribute Goods nomenclature group id is left empty.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute "Regulation Approved Flag" for a Complete Abrogation regulation is 0 [ROAC19].
[Removed]	The explicit abrogation regulation does not have its "Regulation Approved Flag" set to 1='Approved' [ROAE21].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 21: MESSAGE LIST TEST CASE DIFF_REJUPDATE_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The attribute Explicit abrogation regulation id is not available or left empty.
[Removed]	The value in the attribute Validity start date is greater than the value in the Validity end date [ROIMB3].
[Removed]	The attribute Approved flag is set to 0='Not Approved' for the regulation that is not a draft one and hence does not start with a 'C' [ROIMB44].
[Removed]	Explicit date of related measure is not within the validity period of the base regulation [ROIMB8].
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROIMM3].
[Removed]	The base regulation is completely abrogated [ROIMM4].
[Removed]	The attribute Base regulation role is left empty.
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROP18].
[Removed]	The format for the attribute Prorogation regulation is 2 long in stead of an1.
[Removed]	The attribute Role of stopped regulation is left empty or is not available.
[Removed]	The value in the attribute Stopped regulation id has incorrect length (an9).
[Removed]	The validity period of the heading is not within (inclusively) the validity period of the plan [TP5].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The referenced footnote does not have a footnote type with application type = 'Meursing table plan footnotes' [TP16].
[Removed]	<p>The validity period of the subheading does not span the validity period of the related Meursing table cells [TP9].</p> <p>OR</p> <p>The validity period of the subheading must span the validity period of the Meursing table cell component [ACM10].</p>
[Removed]	The combination of additional code + start date is not unique [ACM1].
[Removed]	The start date is greater than the end date [MC2].
[Removed]	The value in the attribute Short description of measure condition contains more than 500 characters (an501).
[Removed]	The value in the attribute Language id has incorrect format (n2).

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 21: MESSAGE LIST TEST CASE DIFF_REJUPDATE_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	Two quota order numbers with the same quota order number id are overlapping in time [ON2].
[Removed]	The monetary unit code is not the Euro ISO code (or Ecu for quota defined prior to the Euro) [QD9].
[Removed]	Whenever a sub-quota receives a coefficient, this has to be a strictly positive decimal number. When it is not specified a value of 1 is always assumed [QA4].
[Removed]	The start date of the quota blocking period is earlier than the start date of the quota validity period [QBP2].
[Removed]	The value in the attribute Quota definition SID has fixed length n9.
[Removed]	The quota definition SID does not exist [QCRE1].
[Removed]	The value in attribute Exhaustion date has incorrect format (an6).
[Removed]	The quota definition SID does not exist [QUSE1].
[Removed]	The validity period of the goods nomenclature does not span the validity period of the line(s) below in the hierarchy in case of a product line suffix equal to "80" [NIG3].
[Removed]	The validity period of the ERN must be within (inclusive) the validity period of the associated goods nomenclature [ERN4].
[Removed]	The attribute Statistical/non statistical indicator is left empty.
[Removed]	The start date of the first is not equal to the start date of the nomenclature. Two associated indentations have the same start date [NIG11].
[Removed]	The start date of the first indentation must be equal to the start date of the nomenclature. No two associated indentations may have the same start date. The start date must be less than or equal to the end date of the nomenclature [NIG11].
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The value in the attribute SID for goods nomenclature item does not exist.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Product line suffix is not available or left empty.

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 21: MESSAGE LIST TEST CASE DIFF_REJUPDATE_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The same footnote is associated more than once with the same nomenclature, but there is an overlap in their association periods [NIG24].
[Removed]	The period of the association with a nomenclature group is not within (inclusive) the validity period of the nomenclature group [NIG16].
[Removed]	The value in the attribute Goods nomenclature item id is not available.
[Removed]	The value in attribute "derived from" item has incorrect format (an8).
[Removed]	The value in attribute "absorbed by" item has incorrect format (an8).
[Removed]	The ERN code is a combination of additional code type + ERN additional code + product code, but the additional code type has not as application code = "ERN additional code type" [ERN1].
[Removed]	At least one indent record is mandatory. The start date of the first indent must be equal to the start date of the ERN. No two associated indents may have the same start date. The start date must be less than or equal to the end date of the ERN. [ERN6].
[Removed]	The start date is different.
[Removed]	The attribute Export refund code is not available.
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the ERN [ERN10].
[Removed]	The order number is not specified, although the "order number flag" (specified in the measure type record) has the value "mandatory" [ME10].
[Removed]	The referenced duty expression does not exist [ME41].
[Removed]	The flag is set "not permitted", but an amount is entered [ME45].
[Removed]	The validity period of the measurement unit qualifier does not span the validity period of the measure [ME52].
[Removed]	The referenced certificate does not exist [ME56].
[Removed]	The flag 'monetary unit' on duty expression is 'mandatory', but no monetary unit is specified [ME110].
[Removed]	The flag is set to 'not permitted', but an amount is entered [ME109].
[Removed]	The attribute Duty Expression id is not available.
[Removed]	The excluded geographical area is not a member of the geographical area group [ME66].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 21: MESSAGE LIST TEST CASE DIFF_REJUPDATE_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The associated footnote does not exist [ME69].
[Removed]	The abrogation regulation is not entered, although the PTS end date is filled in [ME77].
[Removed]	The combination of “parent” monetary unit, “child” monetary unit and the start date is not unique in the union of the stable and unstable database [MOXR1].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 22: MESSAGE LIST TEST CASE DIFF_REJUPDATE_02	Ref: IDS-CTP

ANNEX 22: MESSAGE LIST TEST CASE DIFF_REJUPDATE_02

Folder Path	Reason to fail
[Removed]	Attribute Language id is not available or left empty.
[Removed]	Attribute Footnote type id is not available or left empty.
[Removed]	The attribute Footnote type id is not available or left empty.
[Removed]	Value in attribute Validity start date is greater than the Validity end date [CET3].
[Removed]	The value in the attribute Short description of certificate type contains more than 500 characters (an501).
[Removed]	The value in attribute Meursing table plan id exists, but the attribute Additional code type has NOT the value "Meursing table additional code type" as application code [CT2].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Language id is not available or left empty.
[Removed]	Value in attribute Validity start date contains a non existing date (20100229).
[Removed]	The value in the attribute Short description of measure type series contains more than 500 characters (an501).
[Removed]	The value in the attribute Validity start date is greater than the Validity end date [RG3].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The value in the attribute Validity end date does not exist (29022010).
[Removed]	The value in the attribute Regulation role type id does not exist.
[Removed]	Attribute Validity start date overlaps another publication sigle with the same code type and code of object to publish [PS2].
[Removed]	The Validity end date of the Footnote type value is smaller than the Validity end date of the Footnote [FO17].
[Removed]	Attribute SID Footnote description has incorrect format an8.
[Removed]	The value in the attribute Footnote type id has incorrect format (n3).
[Removed]	The value in the attribute Validity start date does not exist (32132010).
[Removed]	The value in the attribute Short description of certificate has incorrect format (an501).

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 22: MESSAGE LIST TEST CASE DIFF_REJUPDATE_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in attribute Validity start date is greater than the Validity end date [MU2].
[Removed]	The attribute Language id is not available or left empty.
[Removed]	The value in the attribute Short description of measurement unit qualifier contains more than 500 characters (an501).
[Removed]	The value in the attribute Monetary unit code has incorrect format (an3).
[Removed]	The attribute Monetary unit applicability code has incorrect format (an2).
[Removed]	The value in the attribute Duty expression id does not exist.
[Removed]	The value in the attribute Referenced measure type series id does not exist [MT4].
[Removed]	The attribute Measure type id is not available or left empty.
[Removed]	The combination of the values in the attributes Additional code type id and Measure type id is not unique [AMT3].
[Removed]	The validity period overlaps another Additional code with the same values in the attributes Additional code type + Additional code + Validity start date [ACN4].
[Removed]	The start date of the first description period is not equal to the start date of the additional code. Two associated description periods have the same start date.[ACN5].
[Removed]	There is no Additional code description available for the equivalent Additional code (1..N), although at least one description is mandatory.
[Removed]	The validity period of geographical area must not overlap any other geographical area with the same geographical area id [GA7].
[Removed]	The start date of the first description period is not equal to the start date of the geographical area. The start date of the description is greater than the end date of the geographical area [GA3].
[Removed]	The value in the attribuet Geographical area id does not exist.
[Removed]	The geographical area is more than once member of the same group and there is an overlap in the membership periods [GA18].
[Removed]	The attribute Goods nomenclature group id is left empty.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The combination of the values in the attributes Regulation id and Role id is not unique [ROAC1].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 22: MESSAGE LIST TEST CASE DIFF_REJUPDATE_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in the attribute "Regulation Approved Flag" for a Complete Abrogation regulation is 0 [ROAC19].
[Removed]	The explicit abrogation regulation does not have its "Regulation Approved Flag" set to 1='Approved' [ROAE21].
[Removed]	The attribute Explicit abrogation regulation id is not available or left empty.
[Removed]	The value in the attribute Validity start date is greater than the value in the Validity end date [ROIMB3].
[Removed]	The attribute Approved flag is set to 0='Not Approved' for the regulation that is not a draft one and hence does not start with a 'C' [ROIMB44].
[Removed]	Explicit date of related measure is not within the validity period of the base regulation [ROIMB8].
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROIMM3].
[Removed]	The base regulation is completely abrogated [ROIMM4].
[Removed]	The attribute Base regulation role is left empty.
[Removed]	The modification regulation is related with a draft base regulation (draft base regulation id starts with a 'C') [ROP18].
[Removed]	The format for the attribute Prorogation regulation is 2 long instead of an1.
[Removed]	An FTS regulation can not stop the same regulation twice (the same regulation can only appear once in the list of stopped regulations on the screen) [ROIF9].
[Removed]	The attribute Role of stopped regulation is left empty or is not available.
[Removed]	The value in the attribute Stopped regulation id has incorrect length (an9).
[Removed]	The validity period of the heading is not within (inclusively) the validity period of the plan [TP5].
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The referenced footnote does not have a footnote type with application type = 'Meursing table plan footnotes' [TP16].
[Removed]	<p>The validity period of the subheading does not span the validity period of the related Meursing table cells [TP9].</p> <p>OR</p> <p>The validity period of the subheading must span the validity period of the Meursing table cell component [ACM10].</p>

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 22: MESSAGE LIST TEST CASE DIFF_REJUPDATE_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The combination of additional code + start date is not unique [ACM1].
[Removed]	The start date is greater than the end date [MC2].
[Removed]	The value in the attribute Short description of measure condition contains more than 500 characters (an501).
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	Two quota order numbers with the same quota order number id are overlapping in time [ON2].
[Removed]	The monetary unit code is not the Euro ISO code (or Ecu for quota defined prior to the Euro) [QD9].
[Removed]	Whenever a sub-quota receives a coefficient, this has to be a strictly positive decimal number. When it is not specified a value of 1 is always assumed [QA4].
[Removed]	The start date of the quota blocking period is earlier than the start date of the quota validity period [QBP2].
[Removed]	The value in the attribute Quota definition SID has fixed length n9.
[Removed]	The quota definition SID does not exist [QCRE1].
[Removed]	The value in attribute Exhaustion date has incorrect format (an6).
[Removed]	The quota definition SID does not exist [QUSE1].
[Removed]	The validity period of the goods nomenclature does not span the validity period of the line(s) below in the hierarchy in case of a product line suffix equal to "80" [NIG3].
[Removed]	The validity period of the ERN must be within (inclusive) the validity period of the associated goods nomenclature [ERN4].
[Removed]	The attribute Statistical/non statistical indicator is left empty.
[Removed]	The start date of the first is not equal to the start date of the nomenclature. Two associated indentations have the same start date [NIG11].
[Removed]	The start date of the first indentation must be equal to the start date of the nomenclature. No two associated indentations may have the same start date. The start date must be less than or equal to the end date of the nomenclature [NIG11].
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].
[Removed]	The start date of the first description period is not equal to the start date of the nomenclature. The start date is greater than the end date of the nomenclature [NIG12].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 22: MESSAGE LIST TEST CASE DIFF_REJUPDATE_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The value in the attribute SID for goods nomenclature item does not exist.
[Removed]	The value in the attribute Language id has incorrect format (n2).
[Removed]	The attribute Product line suffix is not available or left empty.
[Removed]	The same footnote is associated more than once with the same nomenclature, but there is an overlap in their association periods [NIG24].
[Removed]	The period of the association with a nomenclature group is not within (inclusive) the validity period of the nomenclature group [NIG16].
[Removed]	The value in the attribute Goods nomenclature item id is not available.
[Removed]	The value in attribute "derived from" item has incorrect format (an8).
[Removed]	The value in attribute "absorbed by" item has incorrect format (an8).
[Removed]	The ERN code is a combination of additional code type + ERN additional code + product code, but the additional code type has not as application code = "ERN additional code type" [ERN1].
[Removed]	At least one indent record is mandatory. The start date of the first indent must be equal to the start date of the ERN. No two associated indents may have the same start date. The start date must be less than or equal to the end date of the ERN [ERN6].
[Removed]	The start date is different.
[Removed]	The attribute Export refund code is not available.
[Removed]	The period of the association with a footnote is not within (inclusive) the validity period of the ERN [ERN10].
[Removed]	The order number is not specified, although the "order number flag" (specified in the measure type record) has the value "mandatory" [ME10].
[Removed]	The referenced duty expression does not exist [ME41].
[Removed]	The flag is set "not permitted", but an amount is entered [ME45].
[Removed]	The validity period of the measurement unit qualifier does not span the validity period of the measure [ME52].
[Removed]	The referenced certificate does not exist [ME56].
[Removed]	The flag 'monetary unit' on duty expression is 'mandatory', but no monetary unit is specified [ME110].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 22: MESSAGE LIST TEST CASE DIFF_REJUPDATE_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The flag is set to 'not permitted', but an amount is entered [ME109].
[Removed]	The attribute Duty Expression id is not available.
[Removed]	The excluded geographical area is not a member of the geographical area group [ME66].
[Removed]	The associated footnote does not exist [ME69].
[Removed]	The abrogation regulation is not entered, although the PTS end date is filled in [ME77].
[Removed]	The combination of “parent” monetary unit, “child” monetary unit and the start date is not unique in the union of the stable and unstable database [MOXR1].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 23: MESSAGE LIST TEST CASE DIFF_REJDELETE_01	Ref: IDS-CTP

ANNEX 23: MESSAGE LIST TEST CASE DIFF_REJDELETE_01

Folder Path	Reason to fail
[Removed]	The footnote type cannot be deleted - it is used in a footnote [FOT2].
[Removed]	The certificate type can not be deleted - it is used in a certificate [CET2].
[Removed]	The measure type series can not be deleted - it is associated with a measure type [MTS2].
[Removed]	The Regulation group cannot be deleted - it is used in a base regulation [RG2].
[Removed]	The footnote cannot be - it is used in an additional code [FO15].
[Removed]	The measurement unit qualifier is associated with a measurement unit and then the measurement unit qualifier cannot be deleted [MUQ5].
[Removed]	The combination of a measurement unit and a measurement unit qualifier cannot be deleted - it is used in a measure [MENT5].
[Removed]	The monetary unit cannot be deleted – it is used in a monetary exchange period or monetary exchange rate [MOU5].
[Removed]	The duty expression can not be deleted - it is used in a measure [DE4].
[Removed]	The measure type cannot be deleted - it is used in a measure [MT7].
[Removed]	If a geographical area is referenced in a measure, then it must not be deleted [GA21].
[Removed]	The geographical area is referenced as an excluded country in a measure, then the membership association with the measure geographical area group cannot be deleted [GA23].
[Removed]	The nomenclature group cannot be deleted - it is referenced in an additional code type [NG4].
[Removed]	The complete abrogation regulation cannot be deleted - it abrogates a regulation [ROAC13].
[Removed]	The complete abrogation regulation cannot be deleted - it is replaced [ROAC14].
[Removed]	The explicit abrogation regulation cannot be deleted - it is replacing another regulation [ROAE18].
[Removed]	The explicit abrogation regulation cannot be deleted - it is replaced [ROAE17].
[Removed]	A base regulation cannot be deleted - it is used in a relationship provisional anti-dumping or definitive anti-dumping [ROIMB40].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 23: MESSAGE LIST TEST CASE DIFF_REJDELETE_01	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The base regulation cannot be deleted - it is fully temporary stopped [ROIMB36].
[Removed]	The base regulation cannot be deleted - it is replacing another regulation (completely or partially) [ROIMB38].
[Removed]	A modification regulation cannot be deleted if it is replacing another regulation (completely or partially) [ROIMM28].
[Removed]	The modification regulation cannot be deleted - it is abrogated [ROIMM25].
[Removed]	A prorogation regulation cannot be deleted - it is replaced [ROP16].
[Removed]	A prorogation regulation cannot be deleted - it prorogates a regulation [ROP15].
[Removed]	The FTS regulation cannot be deleted - it stops a regulation [ROIF13].
[Removed]	The FTS regulation cannot be deleted - it is abrogated [ROIF14].
[Removed]	The plan cannot be deleted – it is related with headings [TP18].
[Removed]	The heading cannot be deleted - it is related with subheadings [TP6].
[Removed]	The subheading cannot be deleted - it is used in a Meursing table cell [TP10].
[Removed]	The measure condition code cannot be deleted - it is used in a measure condition component [MC4].
[Removed]	The goods nomenclature cannot be deleted - it is used in a goods measure [NIG34].
[Removed]	The goods nomenclature cannot be deleted - it is used in an Export refund nomenclature [NIG36].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 24: MESSAGE LIST TEST CASE DIFF_REJDELETE_02	Ref: IDS-CTP

ANNEX 24: MESSAGE LIST TEST CASE DIFF_REJDELETE_02

Folder Path	Reason to fail
[Removed]	The footnote type cannot be deleted - it is used in a footnote [FOT2].
[Removed]	The certificate type can not be deleted - it is used in a certificate [CET2].
[Removed]	The measure type series can not be deleted - it is associated with a measure type [MTS2].
[Removed]	The Regulation group cannot be deleted - it is used in a base regulation [RG2].
[Removed]	The footnote cannot be - it is used in an additional code [FO15].
[Removed]	The measurement unit qualifier is associated with a measurement unit and then the measurement unit qualifier cannot be deleted [MUQ5].
[Removed]	The combination of a measurement unit and a measurement unit qualifier cannot be deleted - it is used in a measure [MENT5].
[Removed]	The monetary unit cannot be deleted – it is used in a monetary exchange period or monetary exchange rate [MOU5].
[Removed]	The duty expression can not be deleted - it is used in a measure [DE4].
[Removed]	The measure type cannot be deleted - it is used in a measure [MT7].
[Removed]	If a geographical area is referenced in a measure, then it must not be deleted [GA21].
[Removed]	The geographical area is referenced as an excluded country in a measure, then the membership association with the measure geographical area group cannot be deleted [GA23].
[Removed]	The nomenclature group cannot be deleted - it is referenced in an additional code type [NG4].
[Removed]	The complete abrogation regulation cannot be deleted - it abrogates a regulation [ROAC13].
[Removed]	The complete abrogation regulation cannot be deleted - it is replaced [ROAC14].
[Removed]	The explicit abrogation regulation cannot be deleted - it is replacing another regulation [ROAE18].
[Removed]	The explicit abrogation regulation cannot be deleted - it is replaced [ROAE17].
[Removed]	A base regulation cannot be deleted - it is used in a relationship provisional anti-dumping or definitive anti-dumping [ROIMB40].

TAXUD/R5 – IDS-CTP - Conformance Test Plan	
ANNEX 24: MESSAGE LIST TEST CASE DIFF_REJDELETE_02	Ref: IDS-CTP

Folder Path	Reason to fail
[Removed]	The base regulation cannot be deleted - it is fully temporary stopped [ROIMB36].
[Removed]	The base regulation cannot be deleted - it is replacing another regulation (completely or partially) [ROIMB38].
[Removed]	A modification regulation cannot be deleted if it is replacing another regulation (completely or partially) [ROIMM28].
[Removed]	The modification regulation cannot be deleted - it is abrogated [ROIMM25].
[Removed]	A prorogation regulation cannot be deleted - it is replaced [ROP16].
[Removed]	A prorogation regulation cannot be deleted - it prorogates a regulation [ROP15].
[Removed]	The FTS regulation cannot be deleted - it stops a regulation [ROIF13].
[Removed]	The FTS regulation cannot be deleted - it is abrogated [ROIF14].
[Removed]	The plan cannot be deleted – it is related with headings [TP18].
[Removed]	The heading cannot be deleted - it is related with subheadings [TP6].
[Removed]	The subheading cannot be deleted - it is used in a Meursing table cell [TP10].
[Removed]	The measure condition code cannot be deleted - it is used in a measure condition component [MC4].
[Removed]	The goods nomenclature cannot be deleted - it is used in a goods measure [NIG34].
[Removed]	The goods nomenclature cannot be deleted - it is used in an Export refund nomenclature [NIG36].