EUDR API specifications for Operators

Conformance Test 4

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**Technical contacts:**

Karine GADIOU, [Karine.GADIOU@ext.ec.europa.eu](mailto:Karine.GADIOU@ext.ec.europa.eu)

EUDR IS Team, [ENV-EUDR-IS-TEAM@ec.europa.eu](mailto:ENV-EUDR-IS-TEAM@ec.europa.eu)

**Policy contact:**

Gabor Lovasi, [gabor.lovasi@ec.europa.eu](mailto:gabor.lovasi@ec.europa.eu)

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# Introduction

This is the fourth CF Test in the process of enabling the successful interaction of the Participant’s system with the central EUDR system.

The scope of this test covers:

* Ability to manage unsuccessful responses after the submission of a DDS.

The technical contacts at EC can be contacted for questions during the execution of the test.

# Prerequisites

Technological expertise: understanding and ability to develop web service calls.

## Previous Sprints

It is assumed that CF tests 1 and 2 have been successfully completed. The definition of the connection attributes contained in the Request Header should continue to be used.

## Data Visibility

Participants are requested not to use sensitive or confidential data in the generation of tests, e.g., the information provided in the DDS should not be sourced from real information.

# Objectives

Primary objectives:

* Successful Management of errors returned by a call of the “Submit DDS” Web service.

Secondary objectives:

* Develop an error-management strategy required by the end-users of the participant’s system.

# Tasks

## Identification of the Web Service call

As stated above, the objective of this sprint is to test the capability to manage errors when submitting DDS.

It is important to note that errors can be classified in 2 categories:

1. Errors coming from authentication issues or from disrespect of the API schema definition,
2. Business errors which reflect unallowed or illegal cases when submitting a DDS.

The participant will need to re-execute parts of CF test 2 by simulating errors of those 2 types. For testing the possible errors, the participant will elaborate scenarios that shall return the error and verify if it is caught properly by its system.

The below table describe a list of errors of type (b).

The first column corresponds to the technical value of the error returned by the central EUDR system.

|  |  |
| --- | --- |
| **Error Code** | **Error Description** |
| **EUDR\_WEBSERVICE\_USER\_NOT\_EUDR\_OPERATOR** | The user is not register in the EUDR domain.  (Not needed to test for conformance) |
| EUDR\_WEBSERVICE\_USER\_FROM\_MANY\_OPERATOR | The user belongs to more than one operator.  (Not needed to test for conformance) |
| EUDR\_WEBSERVICE\_USER\_ACTIVITY\_NOT\_ALLOWED | The user is claiming to use an EUDR role that it does not have in TRACES NT |
| EUDR\_ACTIVITY\_COUNTRY\_CODE\_INVALID | The country code provided for the country of activity is invalid |
| EUDR\_OPERATOR\_EORI\_FOR\_ACTIVITY\_MISSING | The operator must have an EORI if the activity is IMPORT or EXPORT |
| EUDR\_ENTRY\_OR\_EXIT\_COUNTRY\_CODE\_INVALID | The country code provided for the country of entry or exit is invalid |
| EUDR\_BEHALF\_OPERATOR\_NOT\_PROVIDED | For authorized representative role only: The actual operator must be provided |
| EUDR\_BEHALF\_OPERATOR\_COUNTRY\_CODE\_INVALID | For authorized representative role only: The country code provided for the actual operator is invalid |
| EUDR\_ACTIVITY\_TYPE\_NOT\_COMPATIBLE | The selected activity is not allowed for the operator |
| EUDR\_COMMODITIES\_HS\_CODE\_INVALID | The HS-Code of a commodity is invalid (\*) |
| EUDR\_COMMODITIES\_DESCRIPTOR\_NET\_MASS\_EMPTY | Net Mass must be filled for IMPORT or EXPORT activity |
| EUDR\_COMMODITIES\_DESCRIPTOR\_QUANTITY\_MISSING | At least one quantity field must be provided |
| EUDR\_COMMODITITY\_PRODUCER\_COUNTRY\_CODE\_INVALID | The country code provided for the producer is invalid |
| EUDR\_COMMODITIES\_PRODUCER\_GEO\_EMPTY | No geolocation was provided while there is no referenced DDS |
| EUDR\_COMMODITIES\_PRODUCER\_GEO\_INVALID | An invalid geojson file was provided for geolocation |
| EUDR\_COMMODITIES\_PRODUCER\_GEO\_LATITUDE\_INVALID | Latitude of points or vertices must be comprised between -90 and +90 |
| EUDR\_COMMODITIES\_PRODUCER\_GEO\_LONGITUDE\_INVALID | Longitude of points or vertices must be comprised between -180 and +180 |
| EUDR\_COMMODITIES\_PRODUCER\_GEO\_POLYGON\_INVALID | Each polygon must have at least 4 non-aligned points and cannot have intersection between sides |
| EUDR\_COMMODITIES\_PRODUCER\_GEO\_AREA\_INVALID | An area for a point must be a number and, for non-cattle commodities, it should be comprised between 0,0001 and 4 |
| EUDR\_MAXIMUM\_GEO\_SIZE\_REACHED | The size of geolocation data for the whole DDS is exceeded (Not needed to test for conformance) |
| EUDR\_REFERENCED\_DDS\_INVALID | At least one referenced DDS is invalid (Referenced Number or Verification Number) or is not available |
| EUDR\_MAXIMUM\_REFERENCED\_DDS\_REACHED | The maximum number of referenced DDS is exceeded.  (Not needed to test for conformance) |

(\*) only a subset of HS-code is available in alpha. Log onto the central EUDR system to identify them.

Some features in the current version of the Central EUDR system are not yet developed. Such that additional error codes may be added to the list in the future. For example, a field with the type of the “Supplementary Units“ field will be added for the final version.

## Web Service Endpoints and Soap Header

Refer to the specifications of the Conformance Test 2 for the DDS submit web service.