

Explanatory notes: RESDES compliance report

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Introduction

The RESDES compliance report indicates, for RESDES V1.1 messages sent, the level of compliance with UPU messaging standard M13.

The report is not based on all EDI exchanges during the month. Instead, it is based on a sample consisting of 7 consecutive days in the month. The sampling period is displayed in the top right corner of the first page of the report.

Report organization

The report is divided vertically in the following parts, from more general to more detailed:

1. Overview of messages sent
2. Summary of compliance issues per sending EDI address
3. Error details (first 10 occurrences of each type of error)

Each part is detailed below:

Overview of messages sent

This section provides the total of messages sent by the operator during the sampling period and used for the report, per sending EDI address.

Important note: The total number of messages displayed corresponds to the total for the days of sampling, not the month total.

Summary of compliance issues per sending EDI address

This section provides a summary of compliance issues found, per sending EDI address of the operator.

The list of compliance checks performed, with the resulting error description is provided in annex.

For each issue, this sub-section provides an issue number (created in order to have a reference), the corresponding description, indication (yes/no) if this error is counted in the dashboard, the number of messages with at least one occurrence of this issue, and the percentage of these messages (number in the previous column divided by the total number of messages shown in section 'Overview of messages sent').

Note: the percentage given provides an indication of the extent of the problem. Depending on the type of issue, an issue may occur multiple times within a single message and this is not reported in the percentage. For example, if, in RESDES, there are 10 receptacles in a dispatch and the same issue affects each of the 10 receptacles, this issue still affects 1 message and is counted as 1 only. But in such a case, the individual issues may all appear in the detailed section (below).

Error details (first 10 occurrences of each type)

For each line in the previous section, a sample of detailed errors is provided. A maximum of 10 occurrences per type is reported, in order to keep the report relatively short.

For each error type, the following information is displayed: the error number, description, error category and indication (yes/no) if this error is counted in the dashboard.

For each error, the exact reference message is provided: sending EDI address, destination EDI address, intref (interchange reference number), mesref (message reference number).

The second line provides additional information:

- When relevant, the identifier of the dispatch associated to the message;
- The specific EDIFACT line containing the error is also provided (if relevant), as well as the problematic value (if relevant), with possibly additional relevant information.

With this information, the objective is to assist in resolving the issue.

Annex: list of errors and explanations

Error code	Counted in dashboard?	Description	Explanations
40	Yes	Message structure error	This error is raised when the structure of the message is not compliant with the standard. This usually happens when segments are in the wrong order or a segment/group of segments is missing.
41	Yes	Message sent to the wrong partner	When the owner of the origin IMPC of the dispatch is not the owner of the destination EDI address.
42	Yes	Duplicate receptacle identifier in message	When the same receptacle identifier appears more than once in a RESDES message.
43	Yes	Receptacle in multiple RESDES messages	When the same receptacle identifier appears in more than one RESDES message. When it happens, the error is raised for each RESDES other than the first one. Note: standard M13 (RESDES V1.1) indicates in section 5.1 that “A receptacle shall be reported once only in RESDES: in a single RESDES message.”
44	Yes	Invalid dispatch ID	When the length of data element <i>despatch-ID</i> is not 20.
45	Yes	Invalid event code (CL 119)	When data element <i>receptacle-event</i> is not in UPU code list 119.
46	Yes	Invalid location code	When a location is provided: <ul style="list-style-type: none"> - with indication that it is a 5-character UN/LOCODE, but the code provided is not a valid UN/LOCODE; - or with indication that it is a 3-character IATA airport code, but the code provided is not a valid IATA airport code; - or with an invalid location code source (no value, or value other than 3 or 6).
47	Yes	Invalid transport arrival date	When a transport arrival date is provided but is not in the current month or previous three months
48	Yes	Invalid format of content code (CL 120)	When the format of content is reported and is not valid, based on UPU code list 120
49	Yes	Invalid weight	RESDES may include several weights: receptacle gross weight, receptacle net weight. The issue is raised when one of these weights is negative or has more than one decimal place.