



Explanatory notes: RESDIT compliance report

Doc v1.4, 2023.11.01

Introduction

The RESDIT compliance report indicates, for RESDIT messages sent, the level of compliance with the M49 messaging standard (RESDIT V1.1).

The report is not based on all EDI exchanges during the month. Instead, they are 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.

Here is an extract of an anonymized RESDIT compliance report:

RESDIT compliance - October 2023

Sampling period: 16-22 Oct 2023

Airline:

Compliance summary:

| total msg | msg with issues | percent compliant |
|-----------|-----------------|-------------------|
| 6 279 | 3 338 | 46.84 |

Overview of messages sent

| EDI address | Total messages |
|----------------------------------------------------------------------------------------------------------------------------|----------------|
| | 6 279 |

1. Summary of issues

| Description | counted in compliance indicator | No. msg | % msg |
|----------------------------------------------------|-------------------------------------|---------|-------|
| 171 Handover information provided but not expected | <input type="checkbox"/> | 3 439 | 54.8% |
| 173 Invalid partner ID | <input checked="" type="checkbox"/> | 2 921 | 46.5% |
| 176 Wrong transport stage qualifier | <input checked="" type="checkbox"/> | 472 | 7.5% |
| 177 Outdated transport departure date | <input type="checkbox"/> | 1 | 0.0% |

2. Error details (first 10 occurrences of each type of error)

| Issue: | 171 - Handover information provided but not expected | | | counted in dashboard: |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| EDI dest | intref | mesref | Line / error details | <input type="checkbox"/> |
| | 2428170 | 2428170 | STS++24' | |
| consignment: | | | Error:LOC+15+ :163:3' | |
| | 2428170 | 2428170 | STS++24' | |
| consignment: | | | Error:LOC+15+ :163:3' | |
| | 2436089 | 2436089 | STS++24' | |
| consignment: | | | Error:LOC+15+ :163:3' | |
| | 2436089 | 2436089 | STS++24' | |
| consignment: | | | Error:LOC+15+ :163:3' | |
| | 2436089 | 2436089 | STS++24' | |
| consignment: | | | Error:LOC+15+ :163:3' | |

Report organization

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

1. RESDIT overall compliance indicator
2. Overview of messages sent
3. Summary of compliance issues
4. Error details (first 10 occurrences of each type of error)

Each section is detailed below.

RESDIT overall compliance indicator

This is provided as a colored box, titled 'RESDIT compliance' and provided a percentage.

This percentage represents the ratio of RESDIT messages without any "serious" (see explanation below) issue over the total number of RESDIT messages sent in the week used for analysis.

The annex provides a table with the list of compliance issues checked. Column "Counted in compliance indicator" indicates if the issue is considered "serious" or not. If an issue is not considered serious, it is reported but is not taken into account in the calculation of the overall compliance indicator.

The color of the box depends on the compliance level, as follows:

| Color | Compliance level |
|--------------|------------------|
| Flashy green | 100% |
| Dark green | 97% to 100% |
| Orange | 85% to 97% |
| Red | Below 85% |

Overview of messages sent

This section provides the total of messages sent by the airline during the sampling period and used for the report.

Only messages available at the UPU for the project are counted. The following messages are included:

- All messages sent to partner posts exchanging EDI on the POST*Net network. (information on the EDI network used by posts is available in UPU code list 160);
- Messages sent to the following partner posts on GXS: CAA (Canada), CHA (Switzerland), DKA (Denmark), FRA (France), GBA (United Kingdom), ISA (Iceland), ITA (Italy), LUA (Luxembourg), NZA (New Zealand), RUA (Russia) and SGA (Singapore).
These are partners participating in the project who have additionally asked specifically IPC to provide all messages to the UPU for this project.

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

This section provides a summary of compliance issues found.

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

For each issue, this 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 this issue, and the overall percentage of messages with the issue (=number in the previous column divided by the total number of messages shown in section 'Overview of messages sent').

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 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. The specific EDIFACT line containing the error is 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 compliance indicator? | Description | Explanations |
|------------|----------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 170 | Yes | Structure error | When the EDIFACT structure of the message is incorrect. This typically occurs if a mandatory segment or group of segments is missing, or if segments are in the wrong order. |
| 171 | No | Handover information provided but not expected | For RESDIT 6, 57, 24, 14 and 40, there should not be any handover information. If it is provided, then this error is raised. Note: the presence of handover information per event is provided in section 6.2.2 of standard M49, RESDIT V1.1. |
| 172 | Yes | Handover information expected but missing | For RESDIT 74, 82, 5, 42, 43 and 21, handover information is mandatory. If it is missing, then this error is raised. Note: the presence of handover information per event is provided in section 6.2.2 of standard M49, RESDIT V1.1. |
| 173 | Yes | Invalid partner ID | When the partner ID is 'CN' (consignee) or 'CZ' (consignor) and the partner code source is '139' (UPU) then the length of the partner code should be 3 characters and the code should be from UPU code list 206. UPU ref list 160c can be used to link EDI addresses to valid operator codes. Note: the rule is provided in section 6.2.8 of standard M49. |
| 174 | No | Transport information provided but not expected | For RESDIT 74, 82, 42, 43 and 21, no transport information is expected. If it is present, then this error is raised. Note: this rule is provided in section 6.2.3 of standard M49. |
| 175 | Yes | Transport information expected but missing | For RESDIT events 5, 6, 14, 24, 40 and 57, transport information is expected. If it is missing, then this error is raised. Note: this rule is provided in section 6.2.3 of standard M49. |

| Error code | Counted in compliance indicator? | Description | Explanations |
|------------|----------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 176 | Yes | Wrong transport stage qualifier | <p>The transport stage qualifier should be 10 for RESDIT 14 and RESDIT 10. The transport stage qualifier should be 20 for RESDIT 5, 6, 24 and 57. If the transport stage qualifier does not meet the conditions above, then this error is raised.</p> <p>Note: this rule is provided in section 6.2.3 of standard M49.</p> |
| 177 | No | Outdated transport date | <p>When the transport date is before the current month</p> <p>Note: a possible reason for this is when CARDIT is received late.</p> |
| 178 | Yes | Origin/destination location expected but missing | <p>The origin and destination location of a transport are expected for RESDIT 5, 6, 57, 24, 14 and 40. If the origin or destination location is missing for any of these RESDIT events, this error is raised.</p> |
| 179 | No | Handover location: name provided unnecessarily | <p>When a handover location code is provided and the name is also provided.</p> <p>As long as a location code is provided, it is not necessary to provide the location name.</p> |
| 180 | No | Transport location: name provided unnecessarily | <p>When a transport location code is provided and the name is also provided.</p> <p>As long as a location code is provided, it is not necessary to provide the location name.</p> |
| 181 | No | Usage of RESDIT event 41 | <p>RESDIT event 41 (transshipment) is being phased out and should not be used. Instead, individual receipt (74) and uplift (24) events should be used.</p> |