



Explanatory notes: CARDIT EAD compliance report

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Introduction

The CARDIT EAD compliance report complements the more general CARDIT compliance report by focusing only on EAD (Electronic Advance Data) requirements and providing associated measurements.

The report is not based on all EDI exchanges during the month. Instead, it is based on a sample consisting normally 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 in the following parts:

1. Page 1: overview of EAD measurements and overall EAD compliance in CARDIT
2. From page 2: list of corresponding consignments in CARDIT

An anonymized sample CARDIT EAD compliance report is shown below:

Page 1:

Compliance of EAD information in CARDIT

May 2023

Sampling period: 15-21 May 2023

Operator:

EAD information in CARDIT from outside the European Union (EU) to the EU *:

(origin of first transport is outside the EU, destination of last transport is inside the EU)

	# CARDIT msg	ar-flag provided	EAD line ok (issue #157)	operators provided (issue #161)	offices provided (issue #159)	ar-ref ID ok (issue #160)	all EAD fields ok
volume	72	72	56	72	72	0	0
percentage		100	77.8	100	100	0	0

Details on compliance issues can be found in the CARDIT compliance report:

- issue #157: invalid EAD information
- issue #159: origin and/or destination offices missing
- issue #160: EAD information, invalid applicable security regulation
- issue #161: origin and/or destination operators missing

*: the EU ICS-2 "territory" comprises the 27 EU members + Norway and Switzerland.

CARDIT EAD compliance (%) 0

Other EAD related indicators (from compliance dashboard):

CARDIT compliance (%) 0.6

ITMATT compliance (%) 59.2

Detailed list of CARDIT messages:

EDI dest	consignment ID	orig airport code	country	name	dest airport code	country	name	ar-flag provided	valid EAD	ope. provide	offices provide	ar-ref ID ok
AUA11					OSL	NO	Oslo Gardermoen Airport	1	1	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	1	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	0	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	1	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	1	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	1	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	0	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	0	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	0	1	1	0
AUA11					OSL	NO	Oslo Gardermoen Airport	1	1	1	1	0
DLH11					AMS	NL	Amsterdam	1	1	1	1	0
DLH11					MXP	IT	Malpensa Apt/Milano	1	1	1	1	0
DLH11					AMS	NL	Amsterdam	1	1	1	1	0
DLH11					AMS	NL	Amsterdam	1	1	1	1	0
DLH11					AMS	NL	Amsterdam	1	1	1	1	0
DLH11					AMS	NL	Amsterdam	1	1	1	1	0
DLH11					AMS	NL	Amsterdam	1	1	1	1	0
DLH11					AMS	NL	Amsterdam	1	1	1	1	0

Data source

The data source is CARDIT messages sent during the sampled week.

For project participants sending CARDIT from the GXS network, only CARDIT messages sent to airlines participating in the project are visible, provided the participating operator has also agreed to have CARDIT messages copied to the IB for the project.

This source is further filtered to only keep consignments having:

- The origin airport of the first flight outside the European Union
- The destination airport of the last flight in the European Union

For customs purposes, we consider that the European Union comprises the 27 member countries, plus Norway and Switzerland.

The following territories are also considered in the European Union: GF (French Guyana), GP (Guadeloupe), MQ (Martinique), RE (Réunion), YT (Mayotte) and MF (Saint Martin).

Note: the report purportedly refers to the European Union, as it is the first group of countries enforcing EAD requirements in CARDIT. The report will be amended and fields will be renamed when other countries also require EAD information in CARDIT.

EAD measurements

The table below lists the EAD measurements reported:

EAD measurement	Description
ar-flag provided	If the ar-flag is provided in CARDIT. Technically, the ar-flag is considered provided if the EDIFACT segment prefixed with FTX+REG is present.
EAD line ok	This check correspond to compliance issue #157 in the CARDIT compliance report. Please check the corresponding explanatory notes for more details. Please note that the compliance results are different here because it applies only to CARDIT messages where EAD information is mandatory.
Operators provided	See the description of CARDIT compliance issue #161. Both the origin and destination 3-char operator codes are mandatory in the message when the ar-flag is provided.

offices provided	See the description of CARDIT compliance issue #159 Both the origin and destination IMPCs of the consignment are mandatory when the ar-flag is provided. This is very important for airlines: they combine this information with the physical office addresses published in UPU code list 108d, as they need to provide the physical addresses to destination in their EAD requirements.
ar-reference-ID ok	See the description of CARDIT compliance issue #160
All EAD fields ok	For a consignment in CARDIT, all EAD fields are okay if the four previous EAD measurements, described above, are successful.

For each EAD measurement, two figures are provided in the report:

- Volume: the number of CARDIT messages for which the EAD requirement is met
- Percentage: the percentage of CARDIT messages for which the EAD requirement is met

The resulting 'CARDIT EAD compliance' is the percentage of messages in which EAD information was required and all associated EAD requirements were met.

The report also displays, for information, the values of the general ITMATT and CARDIT compliance indicators, as they are related to EAD. This information is the same as values displayed in the monthly compliance dashboard.

Detailed list of CARDIT messages

From page 2, the report lists all consignments in CARDIT that were used for calculations in the report. All EAD measurements listed in the previous section are provided per consignment, in separate columns. In these columns value 1 is displayed when the information provided in the message is compliant, value 0 is displayed otherwise.