





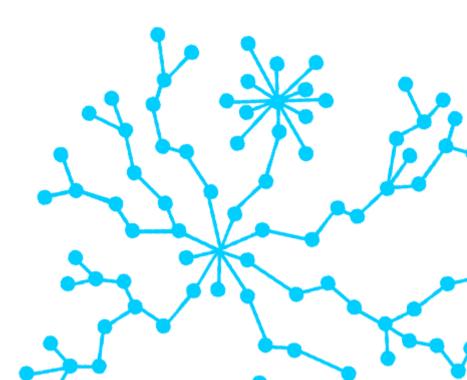


SDS AIR TRANSPORT FUNCTIONAL SPECIFICATION BUSINESS RULES

SDS – Integrated System of Means of Transport and Summary Declarations

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1 Introduction

The purpose of this document is to specify business rules applied to the SDS processes, describing the validations applied to operations provided in the Transport Process and Goods Process.

The document is divided into chapters and the two main chapters refer to the Transport Process and Goods Process. Each of the two chapters is subdivided in the operations that the system provides.

Each rule consists of an identifier, a condition, the associated action and the error / warning code displayed on failure.

The rule identifier is composed of a prefix RN, indicating that this is a business rule, followed by a process identifier PMT (Transport Process) or PM (Goods Process), ending with a number that identifies the rule (e.g.: RNPMT0001). The process identifier and number of rule permits, in addition to identify the rule in this document, to find out the rule which failed validation during usage of the SDS.

The action allows the user to distinguish which situation applies to the condition / rule in question. If it is, for example, a condition applied only to the insertion (I), if it is used in the finalization (F), and so on.

Error / Warning is a field used to indicate errors or warnings shown to the user when the condition / rule fails during usage of the SDS.



2 Abbreviations

2.1 Abbreviations

- **A** Authorization
- C Conditional Authorization or Cancellation
- **E** Emission
- **F** Finalization
- I Insertion
- NIF Fiscal Identification Number
- R Rectification
- RN Business Rules
- **SDS** Integrated System of Means of Transport and Summary Declarations



3 Reference Documents

DGAIEC; Sistema Integrado de Meios de Transporte e da Declaração Sumária – SDS, Manual das Especificações Funcionais Via Aérea

Minutes of the SDS AirTransport Clarification Meeting, celebrated between DGAEIC and Indra on May 11, 2009

Minutes of the SDS AirTransport Clarification Meeting, celebrated between DGAEIC and Indra on August 12, 2009



4 Transport Process

4.1 Customs Reference Process

4.1.1 Insertion (I), Modification (M), Finalization (F) and Rectification (R)

Rule	Condition	Action	Error / Warning
RNPMT0002	If the landing date/time is indicated The date/time format must be valid The date/time must be earlier than the current date/time	I,M,F,R	E0082 E0134
RNPMT0003	If the customs reference process state is not provisional the landing date/time is required	I,M,F,R	E0002
RNPMT0004	All cargo agents declared in customs reference process must be protocoled	I,M,F,R	E0240
RNPMT0005	If the effective exit date/time is indicated The date/time format must be valid The date/time must be earlier than the current date/time If the customs reference process state is provisional or pre-active, the date/time should not be indicated	I,M,F,R	W0102 E0001 E0134
RNPMT0006	If the customs reference process state is closed or ultimated the exit date/time is required	I,M,F,R	E0002
RNPMT0007	The effective exit date/time can't be earlier than the docking/landing date/time	I,M,F,R	E0001
RNPMT0011	The customs office is required and it must be valid	I,M,F,R	E0002 E0014
RNPMT0012	If the logged user is internal (customs office) he must belong to the customs office to change it	I,M,F,R	E0170
RNPMT0013	The transport mode is required and it must be valid	I,M,F,R	E0002 E0006
RNPMT0014	If the previous transport mode is indicated it must be valid	I,M,F,R	E0006
RNPMT0015	The airport authority is required, must be valid and must belong to the customs office	I,M,F,R	E0002 E0014 E0016
RNPMT0016	The airport is required, must be valid, must be Portuguese and must belong to the indicated airport authority	I,M,F,R	E0002 E0014 E0016 E0017
RNPMT0018	If the airport authority number is indicated it must be unique	I	E0297
RNPMT0022	The flight type is required The expected arrival place is required	I,M,F,R	E0002
RNPMT0023	If the flight type is indicated it must be valid	I,M,F,R	E0010
RNPMT0024	If expected arrival date/time indicated must be valid	I,M,F,R	E0002 E0008 E0011



Rule	Condition	Action	Error / Warning
	and if one of the manifest types is load or unload the operation type must be "Commercial"		
RNPMT0144	If does not exist a negative manifest, a load or unload manifest must exist or the operation type must be "Technical Scale" (EST)	F	E0334
RNPMT0145	If there are forwarders declared in customs reference for insertion of documents they need to be protocoled with the cargo agent	M	E0344
RNPMT0146	If the cargo agent has associated transport documents which are not canceled, he cannot be deleted	M	E0133
RNPMT0147	The rectification reason is required	R	E0002
RNPMT0148	It cannot exist any rectification request pending	R	E0144
RNPMT0149	If the customs reference manual number is indicated, it needs to be according to the customs office customs reference number assigned in a contingency process	M	E0308
RNPMT0150	If a date field is indicated the corresponding hour field must also be indicated, and the other way around	I,M,F,R	E0008
RNPMT0151	At least one flight number must be indicated and the number format must be valid	I,M,F,R	E0015 E0141
RNPMT0153	The airport must be indicated, it must be valid and must be Portuguese	I,M,F,R	E0002 E0014 E0017
RNPMT0154	If the Simplified Procedure is indicated it must be valid and only a main air company can be declared	I,M,F,R	E0288 E1381
RNPMT0156	If the origin airport and previous scale airport are defined, they must be different	I,M,F,R	E1379
RNPMT0157	If the destiny airport and next scale airport are defined, they must be different	I,M,F,R	E1379
RNPMT0158	If the next scale airport is defined it must be different from the local airport	I,M,F,R	E1380
RNPMT0159	If the destiny airport is defined it must be different from local airport	I,M,F,R	E1380
RNPMT0160	If the previous scale airport is defined it must be different from local airport	I,M,F,R	E1380
RNPMT0161	If the origin airport is defined and the operation type is "Commercial", the origin airport must be different from local airport	I,M,F,R	E1380
RNPMT0165	If exists codeshare, the total number of declared agents must be equal to the total number of flights in the indicated codeshare.	F,R	E1393
RNPMT0166	There can be no transport documents associated to the manifest to modify the simplified transit.	М	E1394
RNPMT0167	To invoke the simplified transit procedure can not exist codeshare.	I,M,F,R	E1395

4.1.2 Rectification Request - Rejection (R), Conditional Authorization (C) and Authorization (A)

Rule	Condition	Action	Error / Warning
			warning



Rule	Condition	Action	Error / Warning
RNPMT0200	All the controls associated to the customs reference process must be closed	Α	E0327
RNPMT0201	The rectification request must be pending	R,C,A	E0044
RNPMT0202	The rectification rejection reason is required	R	E0002



4.2 Excess Cargo Addition

4.2.1 Addition Request - Insertion (I)

Rule	Condition	Action	Error / Warning
RNPMT0380	The customs reference process state must be active or closed	I	E0153
RNPMT0381	It must exist an excess cargo occurrence for the customs reference	I	E0208
RNPMT0382	The request reason must be indicated	I	E0002
RNPMT0383	It cannot exist any excess cargo addition request for the customs reference	I	E0113

4.2.2 Addition Request - Rejection (R) and Authorization (A)

Rule	Condition	Action	Error / Warning
RNPMT0400	The request must be pending	R,A	E0044
RNPMT0401	The response reason is required	R,A	E0002
RNPMT0402	It cannot exist any active load locks for the customs reference process	Α	E1376

4.3 Means of Transport

4.3.1 Insertion (I) and Modification (M)

Rule	Condition	Action	Error / Warning
RNPMT0415	The means of transport type is required and must be valid	I,A	E0002 E0014
RNPMT0423	If the means of transport is not being towed the means of transport identification is required and must be valid	I,A	E0002 E0004 E0005
RNPMT0424	It cannot exist any means of transport with the same identification	-	E1371
RNPMT0425	It must exist a means of transport with the identification	А	E1373



5 Goods Process

5.1 Transport Document

5.1.1 Insertion (I), Modification (M), Finalization (F) and Rectification (R)

Rule	Condition	Action	Error / Warning
RNPM0001	The transport document must be associated with the customs reference	M,F	E0203
RNPM0003	The cargo agent country must exist	I,M,R,F	E0272
RNPM0004	The cargo agent must exist	I,M,R,F	E0273
RNPM0005	The cargo agent must belong to the customs reference process agent list	I,M,R,F	E0106
RNPM0006	The manifest can't be finalized	М	E0018
RNPM0007	If the cargo agent country is Portugal the identification number is required and must be valid	I,M,R,F	E0002 E0007
RNPM0008	The document type is required	I,M,R,F	E0002
RNPM0009	The document type must be valid	I,M,R,F	E0014
RNPM0010	The document emission date is required	I,M,R,F	E0002
RNPM0011	The document emission country is required and must be valid	I,M,R,F	E0002 E0014
RNPM0012	The document number, emission entity and emission date are required	I,M,R,F	E0002
RNPM0013	The document emission date must be earlier than the current date	I,M,R,F	E0336
RNPM0014	The document emission place is required	I,M,R,F	E0002
RNPM0015	If CTU is defined as yes the export mention must be defined as yes	I,M,R,F	E0002
RNPM0019	The origin airport is required and must be valid	I,M,R,F	E0002 E0014
RNPM0021	The destiny airport is required and must be valid	I,M,R,F	E0002 E0014
RNPM0022	The movement type is required and must be valid	I,M,R,F	E0002
RNPM0023	The manifest type must be valid	I,M,R,F	E0010
RNPM0024	If the manifest is not a load manifest the origin airport cannot be the same as the current airport	I,M,R,F	E0135
RNPM0025	If the manifest is not an unload manifest the destiny airport cannot be the same as the current airport	I,M,R,F	E0135
RNPM0026	The customs reference process must have the appropriate manifest	I,M,R,F	E0136



Transport Document Goods Items 5.2

5.2.1 Insertion (I), Modification (M), Finalization (F) and Rectification (R)

Rule	Condition	Action	Error / Warning
RNPM0080	The goods items must belong to the transport document	M,F	E0205
RNPM0081	The goods items number must be less or equal to 99	I	E0345
RNPM0082	If the <i>Poseima</i> status is invoked the goods items customs must be community	F	E0210
RNPM0083	The cargo type is required	I,M,R,F	E0002
RNPM0085	If exists a chassis list its data must be valid	I,M,F,R	E0004 E0005
RNPM0086	The detailed description is required and the format must be valid	I,M,R,F	E0002 E0004 E0005
RNPM0087	The kind of volumes is required	I,M,R,F	E0002
RNPM0088	The field marks and numbers is required and the format must be valid	I,M,R,F	E0002 E0004 E0005
RNPM0089	The quantity is required and the format must be valid	I,M,R,F	E0002 E0007
RNPM0090	The gross weight is required and the format must be valid	I,M,R,F	E0002 E0009
RNPM0091	If one of the entry fields is indicated (customs reference, document number or document date) all the other fields must be indicated	I,M,R,F	E0051
RNPM0092	If the entry customs reference process is indicated it must be valid	I,M,R,F	E0015
RNPM0093	The entry information must be valid	I,M,R,F	E0189
RNPM0095	The quantity field must be greater than 0 (zero)	I,M,R,F	E0184
RNPM0096	The cargo weight can't be less than the clearance weight The cargo volumes number can't be less than the clearance volumes number	I,M,F,R	E0284 E0285
RNPM0097	The Air Way Bill start airport is required	I,M,R,F	E0002
RNPM0098	The shipper fields are required If the shipper is portuguese, NIF is required and must be registered If shipper country is not Portugal the shipper name is required The goods item consignee is required If the goods item consignee is portuguese, NIF is required and must be registered If the goods item consignee is not portuguese, name is required The notify is required	I,M,R.F	E0002 E0004 E0005 E0007 E0335



Rule	Condition	Action	Error / Warning
	If notify is portuguese, NIF is required and must be registered If notify is not portuguese, name is required If the receiver is indicated If nationality is portuguese NIF is required and must be registered If receiver is not portuguese the name must be indicated If is a load manifest The original shipper is required If the original shipper is portuguese, NIF is required and must be registered If original shipper country is not Portugal the shipper name is required If the original shipper is indicated If the original shipper is portuguese, NIF is required and must be registered If the original shipper is portuguese, NIF is required and must be registered If original shipper country is not Portugal the shipper the name and identification number are required		
RNPM0102	If the manifest is not a transit manifest the movement place is required and must be in local airport	I,M,R,F	E0002
RNPM0103	If the manifest is not a transit manifest The warehouse keeper is required The warehouse keeper country must be Portugal and the warehouse keeper must be registered	I,M,F,R	E0002 E0305 E0335
RNPM0104	The customs statute must be valid	I,M,F,R	E0350
RNPM0105	If the status is TD it must exist at least one associated document	M,F	E0155
RNPM0107	When docking/landing date/time is indicated If the manifest is a transit manifest and the tariff code is indicated it must be valid	I,M,F,R	E0004 E0005
RNPM0108	If the kind of volumes is indicated it must be valid	I,M,R,F	E0014
RNPM0109	If the cargo type is indicated it must be valid	I,M,R,F	E0014
RNPM0110	If the movement place is indicated it must exist and belong to the local airport and the country must be Portugal	I,M,R,F	E0014 E0016 E0046
RNPM0111	If the origin place is indicated it must be valid	I,M,R,F	E0014
RNPM0115	The customs statute must be defined	F	E0002

5.3 Goods Items Associated Document

5.3.1 Insertion (I), Modification (M), Finalization (F) and Rectification (R)

Rule	Condition	Action	Error / Warning
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Rule	Condition	Action	Error / Warning
RNPM0120	The goods items number is required	I,M,R,F	E0002
RNPM0121	When goods item associated document is indicated the number is required and must be valid	I,M,R,F	E0002 E0004 E0005
RNPM0122	The associated document type must be valid	I,M,R,F	E0014
RNPM0123	The associated document date is required and must have a valid format	I,M,R,F	E0002 E0011
RNPM0124	The associated document emission entity is required and it must have a valid format	I,M,R,F	E0002 E0004 E0005
RNPM0125	The associated document can't exist in the goods items	I,M,F	E0022
RNPM0126	It cannot exist any pending rectification request	R	E0104

5.4 Manifest

5.4.1 Insertion (I), Modification (M) and Finalization (F)

Rule	Condition	Action	Error / Warning
RNPM0180	The manifest is required and must be valid	F	E0002 E0015
RNPM0181	The manifest must exist and can't be finalized	F	E0339 E0340
RNPM0182	The cargo agent must have transport documents associated	F	E0115
RNPM0183	All the unfolding of documents must be completed	F	E0179
RNPM0184	If the document has goods items, all the unfolding of goods items must be completed	F	E0180
RNPM0187	If it is an unload manifest all the manifested values must be according with the values declared in the customs reference codeshare.	F	E0178
RNPM0188	The transport documents must be correctly completed	F	E0116
RNPM0189	The goods items must be correctly completed and all the weights and quantities must be according with the manifested totals	F	E0117 E0118 E0119
RNPM0191	The manifest must be associated with a valid customs reference	I, M	E0291
RNPM0192	The document to unfold must be valid and must be integrated in manifest	I, M	E0354
RNPM0193	The declared entities must be valid The nationality, document type and identification must be indicated If the entity country is Portugal the number must be valid The entity must be registered	I, M, F	E0002 E0356

Notes: In addition to the rules described in the previous table, also the rules defined in the tables for the Transport Document, Goods Items and Associated Documents are applied in manifest finalization.



5.4.2 Rectification Authorization (A) and Conditional **Authorization (C)**

Rule	Condition	Action	Error / Warning
RNPM0210	It cannot exist any unclosed controls	A,C	E0327
RNPM0211	The rectification request must be pending	A,C	E0044

Notes: As already described for manifest finalization, also in this case the rules described in Transport Document, Goods Items and Associated Document tables apply.

Operator Certifying 5.5

5.5.1 Insertion (I) and Modification (M)

Rule	Condition	Action	Error / Warning
RNPM0221	If load manifest, the local airport must be indicated in authorization as departure customs office If unload manifest, the local airport must be indicated in authorization as arrival customs office	I,M	E0002 E0004 E0005 E0007
RNPM0223	The emission entity must exist	I,M	E0014
RNPM0224	The operator and the operator country must exist	I,M	E0257 E0272