



Delivery Forecast RND001 v09

Document Change Log

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1. INTRODUCTION

This document provides a specific description of the RND001 v9 message.

2. MESSAGE DEFINITION

This document defines a Delivery Instruction Message, based on the RND001 V9, to be used in Electronic Data Interchange (EDI) between an Antolin Operating Company and its Trading Partners.

This documentation is fully comprehensive and allows the implementation of the RND001 v9 without the necessity for any additional standard-related documentation.

2.1. FUNCTIONAL DEFINITION

The Delivery instruction message is a message from Antolin to an Antolin supplier giving details for both short and long-term material requirements in line with the conditions set out in the purchase contract.

This message may be used as a planning forecast and shipping instruction.

2.2. PRINCIPLES

The Delivery Instruction message is intended to:

- Specify requirements based on the delivery conditions.
- Define the aspects that guarantee synchronization between Antolin and the supplier.
- Provide information allowing the Supplier to plan for future requirements, to purchase raw materials.

2.3. REFERENCES

The content of this message is based on:

- The message structure is defined by RND for the Delivery Schedule Message 001.
- The agreement between the Trading Partners on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this document.

2.4. FIELD OF APPLICATION

The following definition of a Delivery Instruction Message in RND format is applicable for the interchange of delivery instructions issued by Antolin for material deliveries to one or more Antolin Operations.

3. MESSAGE DESCRIPTION

The RND001 is a message, which is sent from a party who is planning the use or consumption of products to a party who has to plan for the supply of the products. The message gives the requirements regarding details for medium to long scheduling for products. The schedule is used to determine raw and fabrication material authorization. This is based on the terms and conditions defined in a purchase order or contract.

3.1. INTRODUCTION

3.1.1. Basic Information Planning Release

3.1.1.2 Acronym CNPJ

The acronym CNPJ (**C**ódigo **N**acional de **P**essoa **J**uridica) means tax ID for Brazil plants created by the Federal Government.

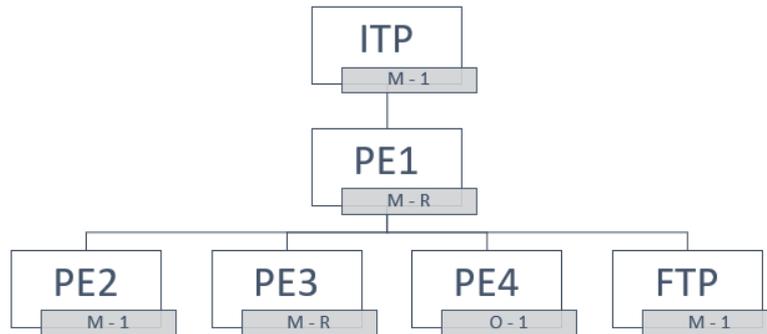
3.1.1.3 Vendor code

The vendor code has been assigned centrally in the Antolin SAP system. The different vendor codes have been communized.

3.1.1.4 The receiving plant / Customer Plant Code

- All Antolin plants in Brazil are identified by a 3-letter plant-code and Tax ID (CNPJ).
- All data on the release authorization refer to plant and part number.
- It is essential that in every kind of documentation or data transmission, the plant code and the part number are indicated!

3.2. MESSAGE STRUCTURE



Segments usage:

- 1** Once
- R** Repeatable
- M** Mandatory
- O** Optional
- C** Conditional

Segment	Usage	Occurrence	Description
ITP	M	1	START OF PROCESS TRANSMISSION
PE1	M	R	ITEM DATA
PE2	M	1	DELIVERY INFORMATION
PE3	M	R	DELIVERY SCHEDULE
PE4	O	1	PACKAGING DATA
FTP	M	1	END OF PROCESS TRANSMISSION

**Record Layout of the Releasing Message
and Description of the Data Elements with Antolin Requirements**

Record Type	ITP	Ver. 09	MANDATORY			
Description:		START OF TRANSMISSION PROCESS				
Field	Format	Definition	Length	Occu	Value	Notes
01	1-3	Type of record	3	M	'ITP'	Constant
02	4-6	Identification	3	M	'001'	Constant
03	7-8	Version number	2	M	'09'	Constant
04	9-13	Transmission control number	5	O		
05	14-25	Transmission date and time.	12	M	'221227103810'	Transmission date and time Format YYMMDDHHMMSS
06	26-39	Sender code identification	14	M		See FDI Communications Supplier Form . Tax ID "CNPJ"
07	40-53	Receiver code identification	14	M		Supplier Tax ID "CNPJ"
08	54-61	Plant code	8	M	'TRT'	Assigned by Antolin
09	62-69	Receiver code (supplier)	8	M		Assigned by Antolin
10	70-94	Sender name	25	O		Name of Antolin Plant
11	95-119	Receiver name	25	O		Name of supplier
12	120-128	Blank	9	M		Filler

M = Mandatory, C = Conditional , O = Optional

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Record Type PE1		Ver. 09		MANDATORY		
Description:		ITEM DATA				
Field	Format	Definition	Length	C/M	Value	Notes
01	1-3	Type of Record	3	M	'PE1'	Constant
02	4-6	Plant customer code	3	M	'TRT'	See EDI Communications Supplier Form .
03	7-15	Release number new	9	M	123456789	Release number
04	16-21	Release date new	6	M	123456789	Format YYMMDD. Date of release generation.
05	22-30	Release number old	9	O		Number of the last release
06	31-36	Release date old	6	O	221227	Format YYMMDD. Date of the last release.
07	37-66	Customer partnumber	30	M		Antolin Standard "123456789-00Z_Z"
08	67-96	Supplier partnumber	30	O		Informed if the GA facility setup it in the system.
09	97-108	Order number	12	M		Order Number
10	109-113	Unloading point	5	M	'ALM'	Antolin length 3 characters, left justified.
11	114-124	Contact info	11	O		Not used
12	125-126	Unit of measurement	2	M		KG, LT, ST=Piece, MT, etc.
13	127-127	Decimals	1	M		Quantities of decimals
14	128-128	Requirement indicator	1	M	'P','R'	"P" for production material, "R" for service requirements.

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Record Type	PE2	Ver. 09		MANDATORY		
Description:		DELIVERY INFORMATION				
Field	Format	Definition	Length	Occu	Value	Notes
01	1-3	Type of record	3	M	'PE2'	Constant
02	4-9	Date of last-recorded-receipt	6	O		Format YYMMDD. Date of the last recorded shipment.
03	10-15	e-invoice note number of last delivery	6	O	123456	e-invoice note number of the last delivery
04	16-19	e-invoice serial number of last delivery	4	O	001	e-invoice serial number of the last delivery.
05	20-25	e-invoice date of last delivery	6	O		e-invoice date of last delivery
06	26-37	Last delivery quantity	12	O		Last delivery quantity
07	38-51	Cumulative quantity	14	O		The year to date quantity achieved by the last recorded shipment.
08	52-65	Cumulative quantity	14	O		The year to date quantity achieved by the last transmission date.
09	66-77	Minimum batch quantity	12	O		Minimum batch quantity per material
10	78-80	Delivery code frequency	3	O		Not used
11	81-84	Authorization to produce	4	O		Not used
12	85-88	Raw material release date	4	O		Not used
13	89-95	Unloading point	7	O		Not used
14	96-99	Shipment period	4	O		Not used
15	100-101	Situation code	2	O		Not used
16	102-102	Schedule type	1	M		1-Delivery or 2-Shipment
17	103-115	Sales order	13	O		Not used
18	116-116	Schedule qualification	1	M	E or P	E-Delivery(firm) or P-Planning(forecast)
19	117-118	Sales order type	2	O		Not used
20	119-121	Means of transport	3	O		Not used
21	122-128	Blank	7	M		Filler

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Record Type	PE3	Ver. 09	MANDATORY			
Description:		DELIVERY SCHEDULE				
Field	Format	Definition	Length	Occu	Value	Notes
01	1-3	Type of Record	3	M	'PE3'	Constant
02	4-9	Release date 1	6	M		Format YYMMDD
03	10-11	Release time 1	2	O		Not used
04	12-20	Required quantity 1	9	M		Quantity for fullfilment of demand
05	21-26	Release date 2	6	O		See field 02
06	27-28	Release time 2	2	O		See field 03
07	29-37	Required quantity 2	9	O		See field 04
08	38-43	Release date 3	6	O		See field 02
09	44-45	Release time 3	2	O		See field 03
10	46-54	Required quantity 3	9	O		See field 04
11	55-60	Release date 4	6	O		See field 02
12	61-62	Release time 4	2	O		See field 03
13	63-71	Required quantity 4	9	O		See field 04
14	72-77	Release date 5	6	O		See field 02
15	78-79	Release time 5	2	O		See field 03
16	80-88	Required quantity 5	9	O		See field 04
17	89-94	Release date 6	6	O		See field 02
18	95-96	Release time 6	2	O		See field 03
19	97-105	Required quantity 6	9	O		See field 04
20	106-111	Release date 7	6	O		See field 02
21	112-113	Release time 7	2	O		See field 03
22	114-122	Required quantity 7	9	O		See field 04
23	123-128	Blank	6	M		Filler

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Record Type	PE4	Ver. 09					OPTIONAL
Description:		PACKAGING DATA					
Field	Format	Definition	Length	Occu	Value	Notes	
01	1-3	Type of record	3	M	'PE4'	Constant	
02	4-33	Packaging code customer	30	O			
03	34-63	Packaging code supplier	30	O		Identification of second package level. e.g. pallet	
04	64-75	Number of parts per pallet	12	O		Quantity in a delivery unit	
05	76-105	Packing code supplier	30	O		Identification of primary package level. e.g. box	
06	106-117	Number of parts per package	12	O		Quantity in a delivery unit	
07	118-118	Responsible for supplying packaging	1	O		F = Supplier or C=Customer	
08	119-128	Blank	10	M		Filler	

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Record Type	FTP	Ver. 09					MANDATORY
Description:		END OF TRANSMISSION PROCESS					
Field	Format	Definition	Length	Occu	Value	Notes	
01	1-3	Type of record	3	M	'FTP'	Constant	
02	4-8	Transmission control code	5	O			
03	09-17	Total records	9	M		Include ITP and FTP	
04	18-34	Total amount	17	O			
05	35-35	Operation category	1	O		Not used	
05	36-128	Blank	93	M		Filler	

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