



DESPATCH ADVICE

RND004v15

Document History

Revision	Date	Responsible	Description of Revision
V01	26-07-2006	Idriss EL MORABIT	Document creation

1. THE RND004v15 MESSAGE

1.1 INTRODUCTION

This document provides the definition of a Despatch Advice message, based on the RND004V15, to be used in Electronic Data Interchange (EDI) between a Valeo Operating Company and its Trading Partners.

The EDI guideline is intended to fully explain the parameters and rules required for the implementation of the RND004v15 transaction without the necessity of any additional documentation.

1.1 STANDARD

Standard: RND
Transaction: 004
Version Release: 15

2. DATA SEGMENT STRUCTURE

<u>SEG</u>	<u>SEGMENT NAME</u>	<u>REQ</u>	<u>MAX USE</u>	<u>LOOP</u>	<u>VALEO USE</u>
ITPv0	Initial message segment	M	1		YES
AE1v5	Nota Fiscal data	M	1		YES
NF2v5	Nota Fiscal additional data	O	1		YES
NF5v0	Additional NF data	O	1		NO
NF3v0	Discount NF informations	O	N		NO
AE2v2	Item data	M	1	AE2/N	YES
AE4v2	Item additional data	M	1		YES
AE5v1	Label data	O	N		YES
AE9v0	KANBAN information	O	N		NO
AE7v2	Additional item data	O	1		YES
AE8v2	Discount data for the NF	O	1		NO
AE3v1	Additional commercial data	O	N		YES
TE1v0	Free text	O	N		YES
FTPv0	Final message segment	M	1		YES

3. SEGMENTS LAYOUT

This section describes each segment used in the Valeo RND004v15 message. The original RND004v15 segment layout is listed. The appropriate comments relevant to the Valeo subset are indicated.

Notes:

The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the **(M)**andatory / **(O)**ptional indicator, the maximum number of occurrences and the segment description. The optional indicator may be completed by a **(R)**equired when the segment is intended to be systematically used by Valeo for its business or transmission needs.

In the left column, the data description is found, then to the right, information describing the segment. Each segment will contain the following data:

Segment: Segment abbreviation and description

Level: the message level where the segment will be located

Max Usage/Loops: Number of incidences the segment can be found or number of loops a group can be allowed.

Purpose: Brief definition of the segment

Segment: ITP – Initial message segment

Level: Heading

Max Usage/Loops: 1

Purpose: To indicate the beginning of a dispatch advice message

<u>ELEM POS</u>	<u>ELEM REF</u>	<u>NAME</u>	<u>VALEO FEATURES</u>	<u>USE</u>	<u>COMMENTS</u>
1	0001	Segment type identification Communication message	M A 03/--	YES	'ITP'
2	0033	number	M A 03/--	YES	'004'
3	0034	Message version number	M N 02/00	YES	'15'
4	0036	Movement control number	O N 05/00	YES	
5	0035	Identification of movement generation	M N 12/00	YES	
6	0037	Sender identification	M N 14/00	YES	
7	0038	Receiver identification	M N 14/00	YES	
8	0151	Sender internal code	O A 08/--	YES	
9	0152	Receiver internal code	O A 08/--	YES	
10	0243	Sender name	O A 25/--	YES	
11	0244	Receiver name	O A 25/--	YES	
12	9999	Blanks	M A 09/--	YES	Fill with blanks

Example:

ITP00415000530607252208055701066200288059104760000353TOY_CODETOYOTA VALEO SISTEMAS AUTOMOTIVOToyota do Brasil Ltda

Segment: AE1 – Nota Fiscal Data

Level: Heading

Max Usage/Loops: 1

Purpose: To indicate the Nota Fiscal Data related on the delivery

<u>ELEM POS</u>	<u>ELEM REF</u>	<u>NAME</u>	<u>VALEO FEATURES</u>	<u>USE</u>	<u>COMMENTS</u>
1	0001	Segment type identification	M A 03/--	YES	'AE1'
2	0080	Nota Fiscal number	M N 06/00	YES	
3	0101	Serie of Nota Fiscal	M A 01/--	YES	
4	0133	Date of Nota Fiscal	M N 06/00	YES	
5	0070	Number of items in the Nota Fiscal	M N 03/00	YES	
6	0071	Gross value of Nota Fiscal	M N 17/02	YES	
7	0022	Operation fiscal code	M N 01/00	YES	
8	N093	(CFOP) and extension	O N 05/00	YES	
9	0380	State tax (ICMS) summed amount	M N 17/02	YES	
10	0085	Nota Fiscal document expiration date	M N 06/00	YES	
11	0193	Type of Nota Fiscal	M N 02/00	YES	
12	0277	Industrialized product tax value	M N 17/02	YES	
13	0002	Delivery plant code	O A 01/--	YES	
14	0276	Planned arrival date	O N 06/00	NO	
15	0023	Planned arrival time in hours (HHHH)	O N 04/00	NO	
16	N406	CFOP description	O A 01/--	YES	
17	0457	Date of de-loading of the material	O N 06/00	NO	
18	0458	Time of de-loading of the material	O A 04/--	NO	
19	9999	Blanks	M A 03/--	YES	Fill with blanks

Example:

AE10000883 06072500100000000000137042435100100000000000224251060915N1000000000000000001 Venda de produç

Segment: AE2 – Item data

Level: Position

Max Usage/Loops: 1 / AE2 N

Purpose: To indicate the Item data for each position

<u>ELEM</u> <u>POS</u>	<u>ELEM</u> <u>REF</u>	<u>NAME</u>	<u>VALEO</u> <u>FEATURES</u>	<u>USE</u>	<u>COMMENTS</u>
1	0001	Segment type identification	M A 03/--	YES	'AE2'
2	0073	Nota Fiscal item number	M N 03/00	YES	
3	0009	Purchase Order number	M A 12/--	YES	
4	0354	Customer material code	M A 30/--	YES	
5	0122	Nota fiscal item quantity	M N 09/00	YES	
6	0126	Nota Fiscal unit of measure	M A 02/--	YES	
7	0098	Control code for consumption taxes in foreign trade	M N 10/00	YES	
8	0099	IPI tax rate	M N 04/02	YES	
9	N100	Nota Fiscal item value	M N 12/05	YES	
10	0106	Item quantity in stock	O N 09/00	YES	
11	0110	unit of measure	O A 02/--	YES	
12	0118	Stock unit of measure	O N 09/00	YES	
13	0121	Item quantity in PO unit of measure	O A 02/--	YES	
14	0074	Purchase unit measure	O A 01/--	YES	
15	0086	Usage codification	O N 04/02	NO	
16	N283	Discount rate (%)	O N 11/02	NO	
17	0448	Item total discount amount	O A 04/--	NO	
18	9999	Technical changes of the item	M A 01/--	YES	Fill with blanks

Example:

AE2ID444I4957 4 55900-02211-00 000000232PC0084I59000000000000003907000000000000 000000000 P0000000000000000

Purpose: To indicate additional data of the position

<u>ELEM</u>	<u>ELEM</u>		<u>VALEO</u>			
<u>POS</u>	<u>REF</u>	<u>NAME</u>	<u>FEATURES</u>		<u>USE</u>	<u>COMMENTS</u>
		Segment type				
1	0001	identification	M A	03/--	YES	'AE4'
2	0095	ICMS tax rate	M N	04/02	YES	
3	0097	ICMS base amount	M N	17/02	YES	
4	0096	ICMS tax value	M N	17/02	YES	
5	0369	IPI tax value	M N	17/02	YES	
6	0381	Tributary situation	M A	02/--	YES	
		Design number of the				
7	0124	item	O A	30/--	NO	
8	0125	Design valid date	O N	06/00	NO	
		Reseller Purchase Order				
9	0409	number	O A	13/--	NO	
10	0437	Net weight of the item	O A	05/--	YES	
		Price unit multiplier				
11	0438	identification	O A	01/--	NO	
		Total value of the goods				
12	0439	item	O N	12/02	YES	
13	0440	Fiscal federal code	O A	01/--	NO	

Example:

AE418000000000000000006840000000000000001231200000000000000000014 000000 000000068400

Segment: AE5 – Label data

Level: Position

Max Usage/Loops: N / AE2

Purpose: To indicate the label data of the item

<u>ELEM POS</u>	<u>ELEM REF</u>	<u>NAME</u>	<u>VALEO FEATURES</u>	<u>USE</u>	<u>COMMENTS</u>
1	0001	Segment type identification	M A 03/--	YES	'AE5'
2	0441	Packaging unit inner packages	M A 30/--	YES	
3	0442	Packaging filling quantity	M N 09/00	YES	
4	0443	Packaging unit outer packages	M A 30/--	YES	
5	N026	Secondary customer package code	M A 20/--	NO	
6	0593	Unit price of the package	O N 08/02	NO	
7	0594	Nota Fiscal number of the package	O N 06/00	YES	
8	0101	Serie of Nota Fiscal	O A 04/--	YES	
9	0133	Date of Nota Fiscal	O N 06/00	NO	
10	0595	Quantity of packaging	O N 09/00	NO	
11	9999	Blanks	M A 03/--	YES	Fill with blanks

Example:

AE5VW0051009 000000026 223561

Segment: AE9 – Kanban data

Level: Position

Max Usage/Loops: N / AE2

Purpose: To indicate the Kanban data for the position

<u>ELEM</u> <u>POS</u>	<u>ELEM</u> <u>REF</u>	<u>NAME</u>	<u>VALEO</u> <u>FEATURES</u>	<u>USE</u>	<u>COMMENTS</u>
		Segment type			
1	0001	identification	M A 03/--	YES	'AE9'
2	0596	KANBAN number	M A 12/--	YES	
3	0597	KANBAN date	O N 06/00	YES	
4	0598	Packaging quantity	M N 09/00	YES	
		Quantity of goods per			
5	0599	call	M N 09/00	YES	
6	9999	Blanks	M A 89/--	YES	Fill with blanks

Example:

AE90725A1 01 06072400000000010000000048

Segment: AE7 – Additional item data

Level: Position

Max Usage/Loops: 1 / AE2

Purpose: To indicate additional item data

<u>ELEM</u>	<u>ELEM</u>		<u>VALEO</u>			
<u>POS</u>	<u>REF</u>	<u>NAME</u>	<u>FEATURES</u>		<u>USE</u>	<u>COMMENTS</u>
		Segment type				
1	0001	identification	M A	03/--	YES	'AE7'
		Total ICMS discount per				
2	0460	item	O N	12/02	NO	
		Nota Fiscal item				
3	0461	classification	O N	05/00	YES	
4	0527	ICMS base amount	M N	17/02	YES	
5	0528	ICMS tax value	M N	17/02	NO	
		Cumulated delivered				
6	0016	quantity	O N	14/03	NO	
7	0592	Item gross weight	O A	05/--	NO	
8	9999	Blanks	M A	55/--	YES	Fill with blanks

Example:

AE7000000000000005101

Segment: AE3 – Commercial additional data

Level: Trailer

Max Usage/Loops: N

Purpose: To indicate additional partner identification

<u>ELEM POS</u>	<u>ELEM REF</u>	<u>NAME</u>	<u>VALEO FEATURES</u>	<u>USE</u>	<u>COMMENTS</u>
1	0001	Segment type identification	M A 03/--	YES	'AE3'
2	0355	Identifier of billing partner	M N 14/00	YES	
3	0356	Identifier of receiver account	M N 14/00	YES	
4	0357	Identifier of receiver for goods	M N 14/00	YES	
5	0445	Transportation type code	O A 04/--		
6	9999	Blanks	M A 79/--	YES	Fill with blanks

Example:

AE359ID476000035359ID476000035359ID4760000353

Segment: TE1 – Free text

Level: Trailer

Max Usage/Loops: N

Purpose: To indicate text data for the Nota Fiscal number

<u>ELEM</u> <u>POS</u>	<u>ELEM</u> <u>REF</u>	<u>NAME</u>	<u>VALEO</u> <u>FEATURES</u>	<u>USE</u>	<u>COMMENTS</u>
		Segment type			
1	0001	identification	M A 03/--	YES	'TE1'
2	0029	Informative free text	M A 40/--	YES	
3	0029	Informative free text	O A 40/--	YES	
4	0029	Informative free text	O A 40/--	YES	
5	9999	Blanks	M A 05/--	YES	Fill with blanks

Example:

TEIFREE TEXT

Segment:	FTP – Final message segment
Level:	Trailer
Max Usage/Loops:	1
Purpose:	To indicate text end of the message

<u>ELEM</u>	<u>ELEM</u>		<u>VALEO</u>			
<u>POS</u>	<u>REF</u>	<u>NAME</u>	<u>FEATURES</u>		<u>USE</u>	<u>COMMENTS</u>
		Segment type				
1	0001	identification	M A	03/--	YES	'FTP'
2	0036	Movement control number	O N	05/00	YES	
		Total quantity of records including ITP				
3	0039	and FTP	M N	09/00	YES	
4	0245	Sum of records amount	O N	17/02	NO	
5	0201	Operation category	O A	01/--	NO	
6	9999	Blanks	M A	93/--	YES	Fill with blanks

Example:

FTP000000000000090000000000000000

4. EXAMPLE

ITP00415000530607252208055701066200288059104760000353TOY_CODETOYOTA VALEO SISTEMAS AUTOMOTIVOToyota do Brasil Ltda
AE10000883 060725001000000000013704243510010000000000224251060915N100000000000000001 Venda de produç
NF2009144 000000000000668740607243
AE21044414957 4 55900-02211-00 000000232PC0084159000000000000390700000000000 000000000 P000000000000000
AE418000000000000068400000000000001231200000000000000014 000000 000000068400
AE5VW0051009 000000026 22356 I
AE90725A1 01 060724000000001000000048
AE700000000000005101
AE3591047600003535910476000035359104760000353
TEIFREE TEXT
FTP000000000000900000000000000000