
EDI Implementation Guidelines

DELINS OD 3



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- 12 specifications for the use of this segment in an interchange with Adient. This specification consists of :
 - the status indication (**ST** - see under for details)
 - the format indication (**FT** - see under for details)
 - specific remarks
 - 13 the bordered areas contain specific (code) values to be used and, when required, additional information regarding those values.
 - 14 shaded areas in a segment description reflect data elements which are not used in the interchange with Adient
 - 15 example on how the segment will appear in the interchange with Adient.

2 Messages Covert

2.1 Odette DELINS Version 3

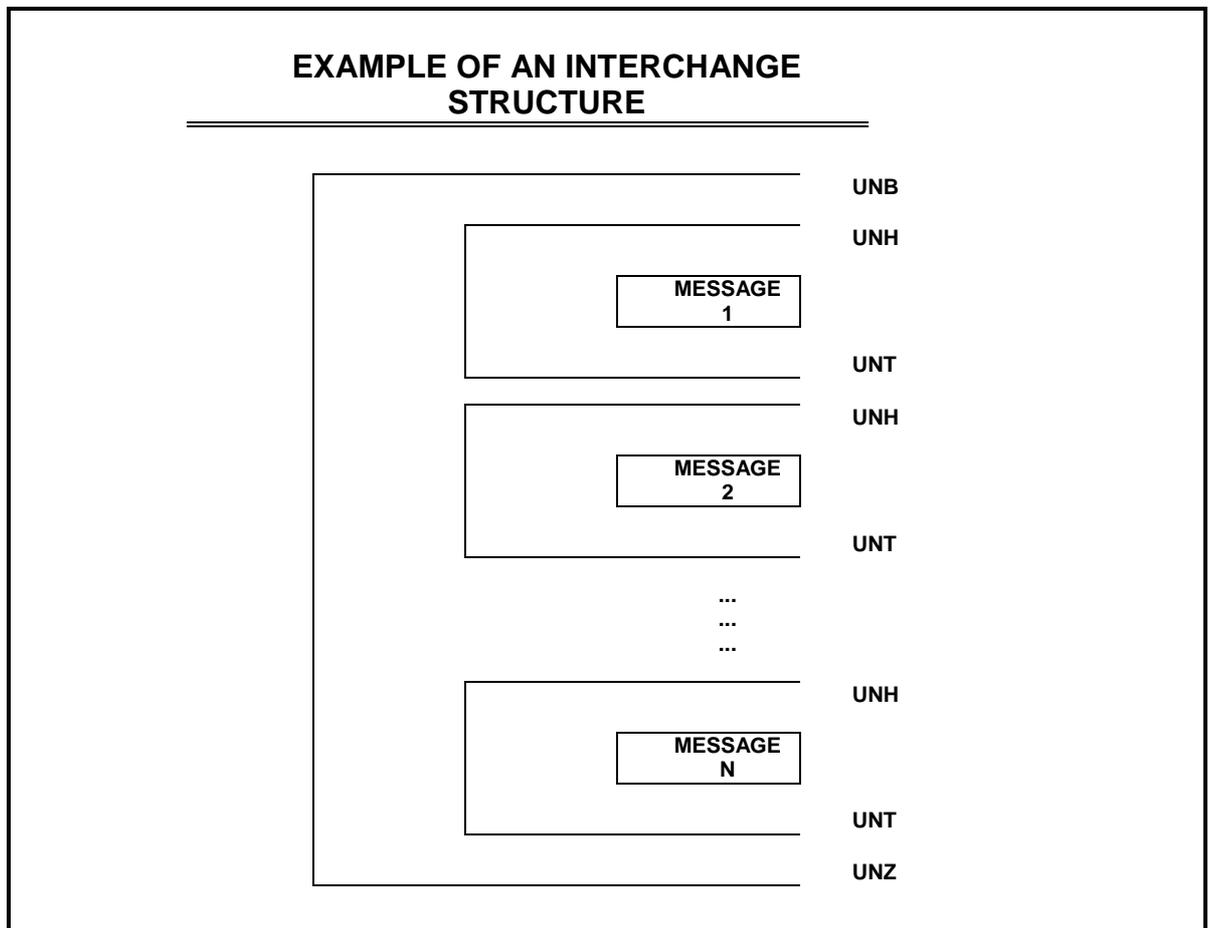
2.1.1 EDI Interchange Segments Odette DELINS

Following service segments are as defined by UN/EDIFACT and presented under ISO 9735.

The UNB, UNH, UNT and UNZ segments are the envelope of any message, enclosing all the data that is being transmitted.

The UNB (Interchange header) and UNZ (Interchange trailer) segments mark respectively the beginning and the end of an interchange thereby providing a unique interchange control reference.

Within the interchange the UNH (Message header) and UNT (Message trailer) segments uniquely begin and end the various messages contained in an interchange.



UNB INTERCHANGE HEADER

EDIFACT status : Mandatory Adient: Mandatory
 Level : 0 Occurrences : One per interchange

Mandatory, single occurrence service segment providing the unique identification of an interchange. It allows the identification of the sender and the receiver of the interchange, gives date and time of preparation as well as the interchange control reference and the application reference.

EDIFACT STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
S001	<u>SYNTAX IDENTIFIER</u>	M	M		M		
0001	Syntax identifier	M	M	:	M	a4	Always : 'UNOA'
0002	Syntax version number	M	M	+	M	n1	Always : '1'
S002	<u>INTERCHANGE SENDER</u>	M			M		
0004	Sender identification	M	an..35	:	M	an..35	Adient ODETTE ID An..4
0007	Identification code qualifier	C	an..4	:	C		
0008	Address for reverse routing	C	an..14	+	M	an..9	ID of initiating Adient plant
S003	<u>INTERCHANGE RECIPIENT</u>	M			M		
0010	Recipient identification	M	an..35	:	M	an..35	Odette Code of Recipient
0007	Identification code qualifier	C	an..4	:			
0014	Routing address	C	an..14	+			
S004	<u>DATE/TIME OF PREPARATION</u>	M			M		
0017	Date of preparation	M	n6	:	M	n6	Format: 'YYMMDD'
0019	Time of preparation	M	n4	+	M	n4	Format: 'HHMM'
0020	<u>INTERCHANGE CONTROL REFERENCE</u>	M	an..14	+	M	An13	<u>Value</u> : characters 'DEL' concatenated with <i>first five digits</i> referring to the creation date number. <i>Second five digits</i> referring to a sequential Number. <u>Example</u> : First interchange : 'DEL0009070001' second interchange : 'DEL0000070002' The Interchange control reference number will be unique .
S005	<u>RECIPIENTS REFERENCE PASSWORD</u>	C					
0022	Recipient's reference/password	M	an..14	:			
0025	Recipient's reference/password qualifier	C	an2	+			
0026	<u>APPLICATION REFERENCE</u>	C	an..14	+	M	a6	Always : 'DELINS'
0029	<u>PROCESSING PRIORITY CODE</u>	C	a1	+			
0031	<u>ACKNOWLEDGEMENT REQUEST</u>	C	n1	+			
0032	<u>COMMUNICATIONS AGREEMENT ID</u>	C	an..35	+			
0035	<u>TEST INDICATOR</u>	C	n1	'			

EXAMPLES

UNB+UNOA:1+00013007096JCIEUAG::0341+1946150505GA01+000907:0947+DEL0009070001'

UNH MESSAGE HEADER

EDIFACT status : Mandatory Adiant status : Mandatory
 Level : 0 Occurrences : One per message
Mandatory, single occurrence service segment starting and uniquely identifying the message.

EDIFACT STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
0062	MESSAGE REFERENCE NUMBER	M	an..14	+	M	an..14	Number identifying uniquely each message, not to be repeated during the record keeping year and transmitted without leading zeroes.
S009	MESSAGE IDENTIFIER	M			M		
0065	Message type identifier	M	an..6	:	M	a6	Always : 'DELINS'
0052	Message type version number	M	an..3	:	M	n1	Always : '3'
0054	Message type release number	M	an..3	:	M	n3	Always : '000'
0051	Controlling agency	M	an..2	:	M	a2	Always : 'OD'
0057	Association assigned code	C	an..6	+			
0068	COMMON ACCESS REFERENCE	C	an..35	+			
S010	STATUS OF THE TRANSFER	C					
0070	Sequence message transfer number	M	n..2	:			
0073	First/last message indicator	C	a1	'			

EXAMPLE

UNH+1+DELINS:3::OD'

This UNH segments identifies the message as a DELINS version 3 as maintained by ODETTE.

UNT MESSAGE TRAILER

EDIFACT status : Mandatory Adiant status : Mandatory
 Level : 0 Occurrences : One per message
Mandatory, single occurrence service segment ending the message and giving the total number of segments contained in the message as well as the Control Reference number of the message.

EDIFACT STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
0074	NUMBER OF SEGMENTS IN MESSAGE <i>Control count including the UNH & UNT segments.</i>	M	n..6	+	M	n..6	
0062	MESSAGE REFERENCE NUMBER <i>Value must be the same as in the Message Reference Number (0062) in UNH</i>	M	an..14	'	M	an..14	

EXAMPLE

UNT+22+1'

This UNT segment indicates that the message contains 22 segments including the UNH and UNT segments.

UNZ INTERCHANGE TRAILER

EDIFACT status : Mandatory Adiant status : Mandatory
 Level : 0 Occurrences : One per interchange
Mandatory, single occurrence service segment ending an interchange and giving the number of messages contained in the interchange as well as the Interchange Control Reference number.

EDIFACT STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
0036	INTERCHANGE CONTROL COUNT <i>Number of messages in an interchange</i>	M	n..6	+	M	n..6	
0020	INTERCHANGE CONTROL REFERENCE <i>The value must be the same as in Interchange Control Reference (020) in segment UNB</i>	M	an..14	'	M	an..14	

EXAMPLE

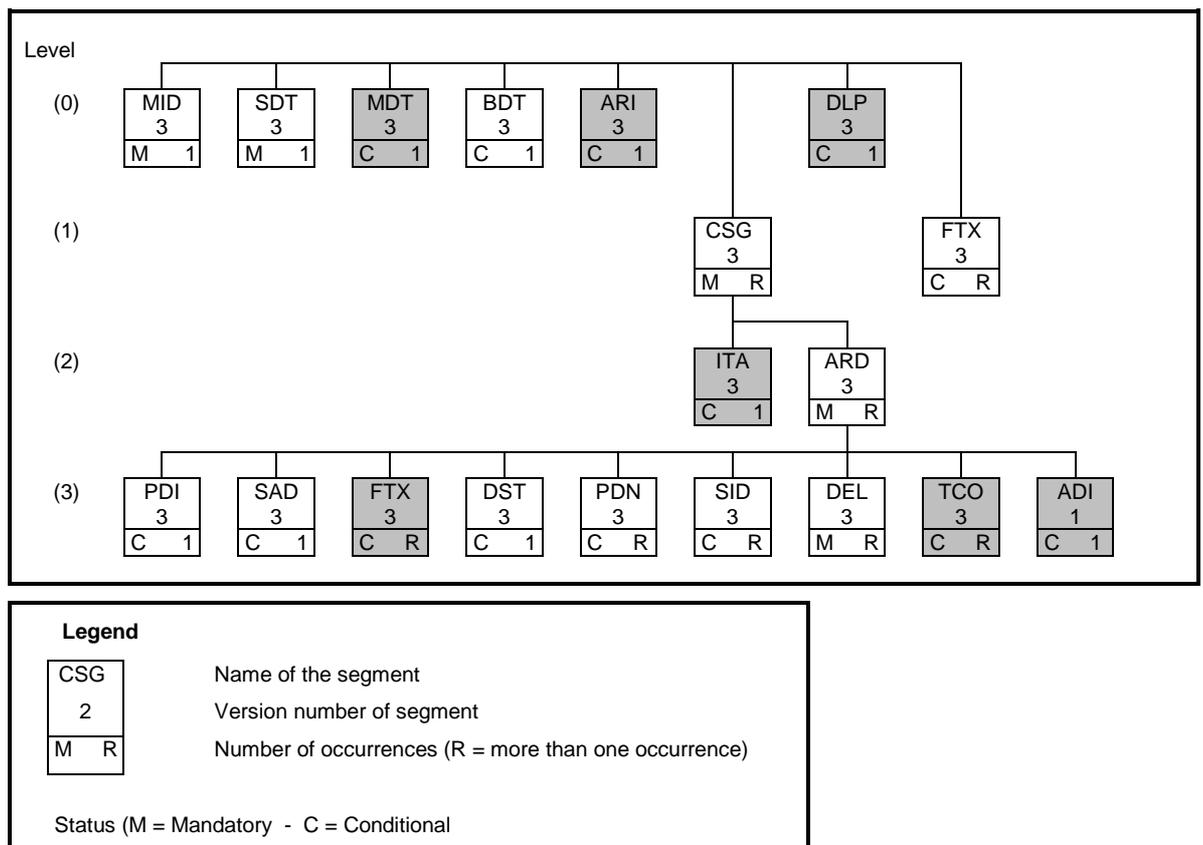
UNZ+35+DEL0009070001

This UNZ segment indicates that the interchange with Control Reference DEL0009070001 contains 35 messages.

2.1.2 Branching diagram

The branching diagram shows the structure of the message. It is a combination of various segments that are organised in a certain hierarchical order. A segment is a pre-defined set of functionally related values (e.g. segment SDT groups all values that relate to a Seller : name - address - contact person - etc.)

Each segment within the branching diagram is broken down into one or multiple data elements. Within a segment, only those data elements that contain data must appear.



NOTE : shaded areas in the branching diagram indicate that the segment is not used in the interchange described in this documentation

2.1.3 DELINS Version 3 Segment description

This part includes all the segments defined in the standard whether used or not used in the interchange between Adient and its Trading Partners. The segments are described in the same sequence as they appear in the message.

MID MESSAGE IDENTIFICATION

ODETTE status : Mandatory Adient status : Mandatory
 Level : 0 Occurrences : One per message
Mandatory, single occurrence segment which must contain the unique identification of a Delivery Instruction by means of its number, date and time of issuance and its authentication, according to a mutually agreed system, if there is any concern about the validity of the Delivery Instruction.

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
1004	Document number	M	an..17	+	M	an..17	Contains the Delivery Instruction number assigned by the Adient system. This is the Schedule Release ID and it is unique for one items schedule.
2007	<u>Document Date and Time</u> Document Date, coded	C	M	n6	:	M	Format: 'YYMMDD'
2002	Time	C	n4	+			
4426	Authentication	C	an..35	'			

EXAMPLE

MID+000033+000907'

This MID segment identifies the message as Delivery Instruction No. 000033 issued on September 07, 2000.

SDT SELLER DETAILS

ODETTE status : Mandatory
Level : 0

Adiant status : Mandatory
Occurrences : One per message

Mandatory, single occurrence segment providing the identification of the seller (Supplier) by means of his vendor code. Commercial, accounting and/or other contact details may be added when required for future contact.

ODETTE STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
3347	<u>Seller</u> Seller, coded <i>Code of the legal company.</i>	M C	an..20	:	M M	an..20	Contains Supplier Code issued by Adiant system.
3036	Party Name	C	an..35	:	C	an..35	
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3296	Internal Id. No allocated to a Trading Partner	C	an..17	+			
	<u>Commercial Department or Employee</u>	C					
3413	Department or Employee, coded	C	an..17	:			
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
	<u>Accounting Department or Employee</u>	C					
3413	Department or Employee, coded	C	an..17	:			
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
3808	VAT registration number	C	an..17	+			
3207	Country, coded	C	a2	+			
	<u>Contact details</u>	C					
3412	Department or Employee	C	an..35	:			
3928	Telephone number	C	an..17	:			
3929	Telephone Extension	C	an..17	:			
3927	Telex Number	C	an..17	:			
3926	Fax Number	C	an..17	:			
3920	Teletex Number	C	an..17	:			

EXAMPLES

SDT+31804:BERTRAND FAURE EQUIP/FAURECI'

This SDT segment identifies the recipient of the Delivery Instruction message as the seller/Supplier with vendor-code 31804.

MDT MANUFACTURER DETAILS

ODETTE status : Conditional

Adient status : **Not used**

Level : 0

Occurrences : One per message

Conditional, single occurrence segment giving details of the manufacturer if different from the seller of the articles defined in the following ARD segments.

The MDT segment is not used in the interchange described in this documentation.

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
	<u>Supplier</u>	M					
3281	Supplier Coded	C	an..20	:			
3036	Party Name	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3296	Internal Id. No. allocated to a Trading Partner	C	an..35	+			
	<u>Supplier Department or Employee</u>	C					
3413	Department or Employee, coded.	C	an..17	:			
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
	<u>Country, coded</u>	C	a2	+			
3207							
	<u>Contact details</u>	C					
3412	Department or Employee	C	an..35	:			
3928	Telephone number	C	an..17	:			
3929	Telephone Extension	C	an..17	:			
3927	Telex Number	C	an..17	:			
3926	Fax Number	C	an..17	:			
	Teletex Number	C	an..17	'			
3920							

BDT BUYER DETAILS

ODETTE status : Mandatory Adiant status : **Mandatory**
 Level : 0 Occurrences : One per message
Mandatory, single occurrence segment giving details of the buyer. A coded or uncoded name and address must be included.

ODETTE STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
3003	<u>Buyer</u> Buyer, coded	M C	an..20	:	M M	an..20	Contains Customer Code of Adiant at Supplier
3036	Party Name	C	an..35	:	C	an..35	
3124	Name and Address Line	C	an..35	:	C	an..35	
3124	Name and Address Line	C	an..35	:	C	an..35	
3124	Name and Address Line	C	an..35	:			
3296	Internal Id. No. allocated to a Trading Partner	C	an..35	+	C	an..17	
	<u>Commercial Department or Employee</u>	C					
3413	Department or Employee, coded	C	an..17	:			
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
	<u>Accounting Department or Employee</u>	C					
3413	Department or Employee, coded	C	an..17	:			
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
3808	VAT Registration number	C	an..17	+			
3835	Country, coded	C	a2	+			
	<u>Contact details</u>	C					
3412	Department or Employee	C	an..35	:			
3928	Telephone number	C	an..17	:			
3929	Telephone Extension	C	an..17	:			
3927	Telex Number	C	an..17	:			
3926	Fax Number	C	an..17	:			
3920	Teletex Number	C	an..17	'			

EXAMPLE

BDT+3410:Adiant ROTH SA:Adiant ROTH SA'

This BDT segment identifies JC as the sender of the Delivery Instruction message.

ARI ADDITIONAL RELEASE INFORMATION

ODETTE status : Conditional

Adient status : **Not used**

Level : 0

Occurrences : One per message

Conditional, single occurrence segment providing effective from/to dates indicating the validity period of the whole message, and which indicates what action should be taken by the dates given in specific schedules.

Effective from/to dates must be used when previous instructions are to be amended and a matching key is not available for use within the DEL segment..

The ARI segment is not used in the interchange described in this documentation.

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
7903	Release type code <i>Required to clarify date/time shown in DEL if not stated in contract/order.</i>	C	n1	+			
	<u>Delivery Instruction Validity</u>	C					
2069	Effective From Date, coded	M	n6	:			
2073	Effective To Date, coded	C	n6	+			
7808	Schedule Release Frequency	C	an..2	'			

CSG CONSIGNEE DETAILS

ODETTE status : Mandatory

Adient status : Mandatory

Level : 1

Occurrences : Several per message

Mandatory, repeatable segment providing details of the consignee (delivery destination). A coded or uncoded name and/or address must be included. The segment is used to provide delivery location details. All segments below the CSG segment relate to the consignee identified in the preceding CSG segment and may appear at least once before the CSG is repeated to give details of another consignee (1 CSG segment per consignee).

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
3133	<u>Consignee</u> Consignee, coded	M C	an..20	:	M M	an..17	Contains Customer Code of Adient at Supplier
3036	Party Name	C	an..35	:	C	an..35	
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3296	Internal Id. No. allocated to a Trading Partner	C	an..17	+			
3921	<u>Final Delivery Point</u> Final Delivery Point, coded	C C	an..17	:	M M	an..17	Adient final delivery plant codes. an..35
3920	Final Delivery Point	C	an..35	:	C	codes. an..35	
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
3923	<u>Additional Destination Details</u> Additional Destination Details, coded	C C	an..17	:	M M	an..5	Dock code identification provided by BGE.
3922	Additional Destination Details	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
3207	Country, coded	C	a2	+			
3412	<u>Contact details</u> Department or Employee	C C	an..35	:			
3928	Telephone number	C	an..17	:			
3929	Telephone Extension	C	an..17	:			
3927	Telex Number	C	an..17	:			
3926	Fax Number	C	an..17	:			
	Teletex Number	C	an..17	'			
3920							

EXAMPLE

CSG+3410:Adient ROTH SA+34101:Adient ROTH'

This CSG segment indicates that the material must be delivered to Adient ROTH (3410).

ITA INVOICE TO ADDRESS

ODETTE status : Conditional

Adiant status : **Not used**

Level : 2

Occurrences : One per CSG segment

Conditional, single occurrence segment containing details of the Accounting Department or Employee to which invoices must be sent for goods delivered to the consignee identified in the preceding CSG segment. If the segment is used a coded or uncoded name and/or address must be included.

The ITA segment is not used in the interchange described in this documentation.

ODETTE STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
	<u>Accounting Department or Employee</u>	M					
3413	Department or Employee, coded	C	an..17	:			
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	'			

ARD ARTICLE DETAILS

ODETTE status : Mandatory

Adient status : Mandatory

Level : 2

Occurrences : Several per message

Mandatory, repeatable segment identifying an article for which Delivery Instructions are being transmitted. It must contain the Adient assigned part number and the reference to the applicable Purchase Order/Contract authorising the delivery. If for one Delivery Instruction an article is related to two different orders, two occurrences of the ARD segment are required : one for each order number. All segments below the ARD segment relate to the article specified in the preceding ARD segment and may all appear at least once before the ARD segment is repeated to give details of another article (1 ARD segment per article/part number per CSG segment).

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
	<u>Article Identification</u>	M			M		
7304	Buyer's Article Number	M	an..35	:	M	an..35	Number assigned by Adient
7194	Seller's Article Number	C	an..35	:			
7008	Article Description	C	an..35	:	C	an..35	
7008	Article Description	C	an..35	:			
7008	Article Description	C	an..35	:			
7008	Article Description	C	an..35	:			
7008	Article Description	C	an..35	+			
	<u>Quantity and Unit</u>	C			C		
6270	Quantity Delivered	C	n..10	:			
6410	Measure Unit Specifier	C	an..3	+	C	an..3	See code list to be used with Adient on Chapter 3.1.3 of this document (ARD Article Details - tag 6410).
	<u>Order or Contract Identification</u>	M			M		
1022	Order Number	M	an..17	:	M	an..17	Always Purchase Order Number .
2001	Date, coded	C	n6	+			
	<u>Country of Origin</u>	C					
3239	Country of Origin, coded	C	a2	:			
3238	Country of Origin	C	an..17	+			
	<u>Free Text</u>	C			C		
4440	Free Text	M	an..70	:	M		CHANGED STATUS VERSUS STANDARD Warehouse Coordinates
4440	Free Text	C	an..70	:			
4440	Free Text	C	an..70	+			
	<u>Technical Status</u>	C					
7860	Design Revision Number	C	an..35	:			
1376	Engineering Change Number	C	an..17	:			
2001	Date, coded	C	n6	'			

EXAMPLES

ARD+IM00537::ARMAT.ARTIC.9626173880/B+::PI+PO334242'

This ARD segment identifies the article to be delivered as part number IM00537 covered by Purchase Order Nr PO334242.

PDI REFERENCE TO PREVIOUS DELIVERY INSTRUCTION

ODETTE status : Conditional

Adiant status : **Mandatory**

Level : 3

Occurrences : One per ARD segment

Conditional, single occurrence segment containing a reference to the previous Delivery Instruction number in which the last schedule information for this article was transmitted and which enables the recipient to update previous schedules accurately. In data exchange with Adiant it is used to give details regarding previously send Delivery Instructions related to the article (part number) defined in the preceding ARD segment.

ODETTE STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
1004	Document Number <i>Delivery instruction number</i>	M	an..17	+	M	an..17	Identification of the previously send Delivery Instruction.
	<u>Document Date and time</u>	C			M		
2007	Document Date, coded	M	n6	:	M	n6	
2002	Time	C	n4	+			
4426	Authentication	C	an..35	'			

EXAMPLE

PDI+000031+000824'

This PDI segment refers to a previously send Delivery Instruction i.e. Nr 000031 dated August 24, 2000.

SAD SUPPLEMENTARY ARTICLE DETAILS

ODETTE status : Conditional Adiant status : **Mandatory**
 Level : 3 Occurrences : One per ARD segment
Conditional, single occurrence segment providing additional information on the article identified in the preceding ARD segment.

ODETTE STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
7807	Instruction Update Action Code	M	n1	+	M	n1	Always '1' = Schedule
3413	Material Control Department	C			C		
	Department or Employee, coded	C	an..17	:	M	an..17	Code assigned by Adiant .
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
7153	Article Status, coded	C	n2	+	C	n2	
2025	Delivery Last Date, coded	C	n6	+			
2013	Frequency, coded	C	an..2	+			
7424	Transport Group Number	C	an..17	+			
	<u>Supplier Department or Employee</u>	C					
3413	Department or Employee, coded	C	an..17	:			
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			

EXAMPLE

SAD+1+34101+03'

This SAD segment indicates that the message is a schedule.

FTX FREE TEXT

ODETTE status : Conditional Adiant status : Not Used
 Level : 3 Occurrences : Several per ARD segment
Segment giving the possibility to transmit clear form messages related to the article defined in the preceding ARD segment.

ODETTE STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
	Free Text	M					
4440	Free Text	M	an..70	:	M	an..70	
4440	Free Text	C	an..70	:	C	an..70	
4440	Free Text	C	an..70	'	C	an..70	

DST DELIVERY STATUS

ODETTE status : Conditional

Adient status : **Mandatory**

Level : 3

Occurrences : One per ARD segment

*Conditional, single occurrence segment containing reconciliation data necessary for the buyer and seller to have a common understanding of the quantities received/scheduled for the article identified in the preceding ARD segment. Quantitative information and its date/time of calculation are available. In the data exchange with Adient this segment is **Mandatory** and identifies the cumulative quantity received for the part number identified in the preceding ARD segment as well as the date on which this quantity was calculated.*

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
2253	<u>Calculation Date and Time</u> Calculation Date, coded	M M	n6	:	M M	n6	The Adient-application has booked all deliveries taken in until now and included them in the material scheduling. Format: 'YYMMDD'
2002	Time	C	n4	+			
6802	<u>Cumulative Quantity</u> Actual Cumulative Quantity Scheduled	C	n..10	:	M	n..10	At the time of inventory, the cumulative quantity is set to zero.
6804	Actual Cumulative Quantity Received	C	n..10	:	M	n..10	
6806	Delivery Quantity Balance <i>Net received quantities recommended</i> <i>Under deliveries with a +;</i> <i>Over deliveries with a -.</i>	C	n..10	:			
2121	Quantities Accumulation Start Date, coded <i>To be used if not stated in the contract</i>	C	n6	+			
6812	Quantity Balance	C	n..10	+			
6905	Cumulative Quantity Scheduled up to Accumulation Start Date	C	n..10	+			
6909	Quantity in Stock	C	n..10	'			

EXAMPLE

DST+000907+48300:48300'

This DST segment indicates that the actual cumulative quantity received, for the part number defined in the preceding ARD segment, as calculated on September 07, 2000 was 48300 pieces.

PDN PREVIOUS DESPATCH NOTE

ODETTE status : Conditional Adient status : Conditional
 Level : 3 Occurrences : Several per ARD segment
Conditional segment which occurs once and which contains Despatch Note references for deliveries received and processed by the consignee up to the date/time of calculation by the buyer for the article identified in the preceding ARD segment. This information can be used by the seller to clarify which deliveries have been included in the quantities calculated by the buyer.

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
1128	<u>Despatch Note</u> Despatch Note Number	M C	an..17	:	M M	an..17	Number is always the Despatch Advice = (Lieferschein) number. Format: 'YYMMDD'
2219	Despatch Note Date, coded	C	n6	+	M	n6	
6270	<u>Quantity Delivered/Received</u> Quantity Delivered <i>Quantity specified on the despatch note</i>	C C	n..10	:	C C	n..10	The field length is limited to 9 characters and is allowing up to 3 decimal digits. Since quantities are usually expressed in pieces there is no need to transmit decimals.
6872	Actual Quantity Received <i>Recommended to be used if received quantity differs from that specified in the Despatch Advice.</i>	C	n..10	+			
2441	<u>Reception Date and Time</u> Goods Receipt Date, coded	C M	n6	:	C C	n6	Format: YYMMDD
2002	Time	C	n4	'			

EXAMPLE

PDN+6095025:000425+1050+000425'

This PDN segment indicates that the last recorded Despatch Advice, related to the delivery of the part number defined in the preceding ARD segment, was the document with number 6095025 for 425 pieces received on April 25, 2000.

SID SCHEDULE INDICATOR DETAILS

ODETTE status : Conditional Adient status : **Mandatory**
 Level : 3 Occurrences : Several per ARD segment

*Conditional segment which can be repeated up to five times for the article identified in the preceding ARD segment, one for each code value of tag '6811 - Schedule Status Indicator'. In the data exchange with Adient this segment is **Mandatory** and is used to provide to the seller details regarding the kind of authorisation (fabrication and/or material) and the type of period involved. The segment is usually only repeated twice per ARD segment.*

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
6811	Schedule Status Indicator	M	n1	+	M	n1	Contains different Indicators: See Chapter 3.1.3.
2151	<u>Periods</u> Type of Period, coded	C	an..3	:	M	an1	'D' = days, 'W' = weeks, 'M' = monthly Number of month, weeks and month.
2152	Number of periods	C	n..3	:	M	n..3	
6906	Latest Cumulative Quantity Scheduled <i>Relative to data element 6811</i>	C	n..10	:			
6907	Highest Quantity Previously Scheduled <i>Relative to data element 6811</i>	C	n..10	:			
1430	Reference to Highest Quantity Previously Scheduled <i>Delivery instruction number relating to previous highest cumulative quantity.</i>	C	an..17	:			
6272	Number of Working Days	C	n..3	+			
2829	Authorisation Date, coded	C	n6	'			

EXAMPLE

SID+1+D:17'SID+4+D:13'SID+4+W:0'SID+4+M:0'

This SID segments indicate that the Material is firm for 17 days with 13 daily, 4 weekly and 0 monthly planning.

The Shipping Code is according to the agreement.

DEL DELIVERY DETAILS

ODETTE status : Mandatory Adient status : Mandatory
 Level : 3 Occurrences : Several per ARD segment
Mandatory, repeatable segment containing the main data of the DELINS message. In this segment the buyer specifies, for the article identified in the preceding ARD segment, the quantity required with associated dates and times. A specific date or a time interval as well as a quantity must be given.

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
	<u>Date, Time , Periods</u>	M			M		
2803	First Date, coded	C	n6	:	M	n6	Format : always YYMMDD.
2002	Time	C	n4	:			
2805	Last Date, coded	C	n6	:			
	<i>To be used if an interval is valid for the specified quantity.</i>						
2002	Time	C	n4	:			
	<i>Only used if 2805 is used and time also neRATIO LTD. to be specified.</i>						
2836	Time Period, coded	C	n8	:			
	<i>Mandatory if data elements 2803 and 2805 are not used.</i>						
6272	Number of Working Days	C	n..3	+			
	<u>Quantities, Status and Delivery Date</u>	M			M		
6060	Quantity	M	n..15	:	M	n..15	Quantity to be delivered, released for fabrication or for material.
1310	Part Consignment Number	C	an..17	:			
	<i>Specifically identifies a schedule quantity for replacement parts</i>						
7803	Delivery Instruction Reason, coded	C	n1	:	C	n1	
6811	Schedule Status Indicator	C	n1	:	C	n1	
	<i>Mandatory if segment SID is not used.</i>						
6903	Cumulative Quantity Scheduled	C	n..10	:	C	n..10	
	<i>Since agreed Accumulation. Start Date given in DST segment.</i>						
6904	Cumulative Quantity Previously Scheduled	C	n..10	'			
	<i>At the same point in time on the previous schedule.</i>						

EXAMPLE

DEL+000906+0:::1:48300'

These DEL segments indicate the quantity required.

TCO TYPE OF PACKAGES

ODETTE status : Conditional Adient status : **Not user**
 Level : 3 Occurrences : Several per ARD segment

Conditional, repeatable segment containing data specifying the packaging requirements for the article identified in the preceding ARD segment. This segment can repeat to provide details of different packaging requirements for the same article. In the data exchange with Adient this segment will normally appear only once per ARD segment and it will provide the identification of the packaging requested by Adient for the article defined in the preceding ARD segment as well as the quantity in the identified package.

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
	<u>Package data</u>	M			M		
7064	Type of Packages	C	an..35	:			
1906	Package Reference Number	C	an..35	:	M	an..22	Internal package code given by Adient and to be agreed upon.
1131	Code List Identifier, coded	C	an2	+			
7224	Number of Packages	C	n..6	+			
	<u>Quantity</u>	C			C		
6853	Quantity of Articles in Package	M	n..10	:	M	n..7	Filling quantity of announced packaging device.
6410	Measure Unit Specifier <i>Default value : pieces</i>	C	an..3	+			
	<u>Dimensions</u>	C					
6168	Length Dimension	C	n..5	:			
6140	Width Dimension	C	n..5	:			
6008	Height Dimension	C	n..5	:			
6410	Measure Unit Specifier <i>Default value : meters</i>	C	an..3	+			
	<u>Weight</u>	C					
6292	Gross Weight	C	n..11	:			
6160	Net Weight	C	n..11	:			
6410	Measure Unit Specifier <i>Default value : kilos</i>	C	an..3	+			
2069	Effective From Date, coded	C	n6	'			

ADI ARTICLE DELIVERY INSTRUCTION

ODETTE status : Conditional

Adient status : **Not used**

Level : 3

Occurrences : One per ARD segment

Conditional, single occurrence segment allowing a specific and unique Delivery Instruction reference number to be allocated for the article identified in the preceding ARD segment.

The ADI segment is not used in the interchange described in this documentation.

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
1004	Document Number	M	an..17	+			
	<u>Document Date and Time</u>	C					
2007	Document Date, coded	M	n6	:			
2002	Time	C	n4	+			
4426	Authentication	C	an..35	'			

DLP DELIVERY PARTY DETAILS

ODETTE status : Conditional

Adient status : **Not used**

Level : 0

Occurrences : One per message

Conditional, single occurrence segment containing the name and address of a third party which is to be involved in the physical flow of goods from seller to buyer.

The DLP segment is not used in the interchange described in this documentation.

ODETTE STANDARD					Adient IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adient REMARKS
	<u>Delivery Party</u>	M					
3145	Delivery Party, coded	C	an..20	:			
3036	Party Name	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3296	Internal Id. No. allocated to a Trading Partner	C	an..17	+			
	<u>Delivery Party Department or Employee</u>	C					
3413	Department or Employee, coded	C	an..17	:			
3412	Department or Employee	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	:			
3124	Name and Address Line	C	an..35	+			
3835	Country, coded	C	a2	+			
	<u>Contact details</u>	C					
3412	Department or Employee	C	an..35	:			
3928	Telephone number	C	an..17	:			
3929	Telephone Extension	C	an..17	:			
3927	Telex Number	C	an..17	:			
3926	Fax Number	C	an..17	:			
	Teletex Number	C	an..17	'			
3920							

FTX FREE TEXT

ODETTE status : Conditional

Adiant status : Conditional

Level : 1

Occurrences : Several per message

Conditional, repeatable segment allowing the transmission of clear text format related to the entire message.

ODETTE STANDARD					Adiant IMPLEMENTATION		
TAG	DATA ELEMENT NAME	ST	FT	SP	ST	FT	Adiant REMARKS
	<u>Free text</u>	M			M		
4440	Free Text	M	an..70	:	M	an..70	
4440	Free Text	C	an..70	:	C	an..70	
4440	Free Text	C	an..70	'	C	an..70	

EXAMPLES

FTX+DATES SHOWN ARE FOR RECEIPT IN PLANT:CHEQUE 90 JOURS FIN DE MOIS LE 10' This FTX segment is used for additional information.

2.1.4 Code Description

Segment ARD - Article Details

6410 - Measure Unit Specifier

Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

Source : ISO-Code - only a limited number of values are indicated in this list. If other, less commonly used, code values are required please contact your local EDI Co-ordinator.

PCE	Piece/decimal piece
KGM	Kilogram
KMT	Kilometre
LTR	Litre
MTR	Metre
MTK	Square metre
TNE	Ton

Segment SID - Schedule Indicator Details

2151 - Type of Period

Shipping code used to indicate the delivery frequency as well as the specific day in the week on which delivery should be done.

Source : Adient assigned codes.

Blank	No special shipping instruction.
1	Firm Qty.
4	Planned Delivery according to agreement.

Segment DEL - Delivery Details

7803 - Delivery Instruction Reason

Delivery code used to indicate the as a planned requirement Source : Adient assigned codes.

Blank	No special shipping instruction.
3	Planned and/or Firm Qty.

2.1.5 Odette DELINS Version 3 Example

```
UNB+UNOA:1+00013007096JCIEUAG::0341+13388256490001+000907:0948+DEL000907000
0'
UNH+211+DELINS:3::OD'
MID+000033+000907'
SDT+31804:BERTRAND FAURE EQUIP/FAURECI'
BDT+3410:Adient ROTH SA:Adient ROTH SA'
CSG+3410:Adient ROTH SA+34101:Adient ROTH'
ARD+IM00359::INS 9610147180/C ACC AR+:PI+PO334242'
PDI+000031+000824'
SAD+1+34101+03'
DST+000907+14360:13760'
PDN+30070534:000905+410+000905'
SID+1+D:17'
SID+4+D:13'
SID+4+W:0'
SID+4+M:0'
DEL+000906+600::3'
DEL+000906+0:::1:14360'
DEL+000907+0:::1:14360'
DEL+000908+0:::1:14360'
DEL+000911+0:::1:14360'
DEL+000912+0:::1:14360'
DEL+000913+0:::1:14360'
DEL+000914+0:::1:14360'
DEL+000915+0:::1:14360'
DEL+000918+0:::1:14360'
DEL+000919+0:::1:14360'
DEL+000920+0:::1:14360'
DEL+000921+0:::1:14360'
DEL+000922+0:::1:14360'
FTX+DATES SHOWN ARE FOR RECEIPT IN PLANT:CHEQUE 90 JOURS FIN DE MOIS LE 10'
UNT+33+211'
UNH+211+DELINS:3::OD'
MID+000033+000907'
SDT+31804:BERTRAND FAURE EQUIP/FAURECI'
BDT+3410:Adient ROTH SA:Adient ROTH SA'
CSG+3410:Adient ROTH SA+34101:Adient ROTH'
ARD+IM00537::ARMAT.ARTIC.9626173880/B+:PI+PO334242'
PDI+000031+000824'
SAD+1+34101+03'
DST+000907+48300:48300'
PDN+6095025:000425+1050+000425'
SID+1+D:17'
SID+4+D:13'
SID+4+W:0'
SID+4+M:0'
DEL+000906+0:::1:48300'
DEL+000907+0:::1:48300'
DEL+000908+0:::1:48300'
DEL+000911+0:::1:48300'
DEL+000912+0:::1:48300'
```

DEL+000913+0:::1:48300 '
DEL+000914+0:::1:48300 '
DEL+000915+0:::1:48300 '
DEL+000918+0:::1:48300 '
DEL+000919+0:::1:48300 '
DEL+000920+0:::1:48300 '
DEL+000921+0:::1:48300 '
DEL+000922+0:::1:48300 '
FTX+DATES SHOWN ARE FOR RECEIPT IN PLANT:CHEQUE 90 JOURS FIN DE MOIS LE 10 '
UNT+29+211 '
UNZ+2+DEL0009070000 '

Document Revision

Version	Date	Description	Author
1.0	2000-09-07	Creation	Dirk Mueller
2.0	2000-10-31	Enhancement	Dirk Mueller
2.1	2002-03-31	Added additional Fields in AVIEXP	Dirk Mueller
2.2	2003-02-04	Enabled ARD 7008 2nd Group	Andreas Hausdorf
2.3	2003-05-02	Changed DST 6806 to ODETTE Standard	Marc Tillmann
2.4	2003-07-02	Made UNB 0007-1 conditional	Andreas Hausdorf
2.5	2007-10-02	Revision and change of CI	Marc Tillmann
2.6	2009-04-14	Changed ARD:6410	Hans-Ulrich Berger
2.7	2016-Aug-10	Modified JCI or Johnson Controls references to be Adient. Removed JCI logo and added Adient logo.	Hemant Bhardwaj