



Bunzl Continental Europe
Despatch advice message description

MESSAGE TYPE : DESADV
REFERENCE DIRECTORY : D.01B
EANCOM® SUBSET VERSION : 010



Introduction:

1. Definition

A message from a supplier to a buyer, responding to a Purchase Order message.

2. Principles

The message may be used either to indicate the despatch of goods being delivered, or to indicate the despatch of goods being returned.

The message intent is to advice of the detailed contents of a consignment.

The message relates to one seller and one buyer or their respective agent.

The message relates to a single despatch point and single destination points. It may cover a number of different items and packages.

The Despatch Advice message should always be sent before goods are physically delivered or returned. This makes it possible for the receiving party to use the data to prepare efficiently for the reception of the goods.

3. POINTS FOR ATTENTION

3.2. LEVEL 1 INFORMATION ONLY

Bunzl can only process level 1 structured despatch advices. Only the total per item with quantity, item numbers and expiry date if applicable must be sent, not per consignment packaging sequence.

3.3. ORDER RELATED

The despatch advice may only contain the delivered items of one order. Multiple orders in one despatch advice are not allowed. If a shipment contains multiple orders, it will result in multiple despatch advices.

3.4. SOURCING LOCATION

Only use the Sourcing location (NAD+SF) if Bunzl sends it in the ORDERS message. This information cannot be sent and processed if it is not in ORDERS!

3.5. RETURNABLE TRANSPORT ITEMS (RTI)

If a RTI will be invoiced, the RTI must appear on the despatch advice with the GTIN of the RTI. Generic RTI are coded by the pool owner.

3.5 EXPIRY DATE

For perishable goods, the expiry date is mandatory



Version management

Version	Date	Author	Description
1.0	December 2016	Arjan Vonk	Initial version
1.1	January 2017	Arjan Vonk	Changed lay out
1.2	January 2017	Arjan Vonk	Added DTM 200
1.3	March 2018	Arjan Vonk	Added NAD+SF,
1.4	3 September 2019	Marcel Vaessen	Adding example
1.5	19 June 2020	Marcel Vaessen	Explain usage NAD+SF
1.6	6 November 2020	Marcel Vaessen	Adding batch code
1.7	29 June 2022	Vera Kálóczy	Introduction



Message structure

UNH	R	1	Despatch advice message
BGM	R	1	Despatch advice number
DTM	R	1	Message (despatch advice) date
DTM	M	1	Delivery date/time
DTM	D	1	Pick up date/time
SG1	D	1	Order reference
RFF	M	1	Order number (buyer)
DTM	O	1	Order date
SG2	M	1	Buyer information
NAD	M	1	GLN buyer
SG3	O	1	VAT information buyer
RFF	M	1	VAT ID buyer
SG2	M	1	Supplier information
NAD	M	1	GLN supplier
SG3	M	1	VAT information supplier
RFF	M	1	VAT ID supplier
SG2	M	1	Delivery party information
NAD	M	1	GLN delivery party
LOC	O	1	Place of delivery
SG2	M	1	Invoicee information
NAD	M	1	GLN invoicee
SG3	O	1	VAT information invoicee
RFF	M	1	VAT ID invoicee
CPS	M	1	Consignment packing sequence
SG17	M	9999	Despatch line information
LIN	M	1	GTIN
PIA	O	1	Buyer's item number
PIA	O	1	Supplier's article number
PIA	D	1	Batch code
IMD	O	1	Item description
QTY	M	1	Despatch quantity
DTM	D	1	Expiry date
DTM	O	1	Production/manufacture date
DTM	D	1	Best before date
DTM	O	1	Product sterilisation date
CNT	M	1	Number of line items in message
UNT	M	1	Message trailer



Segment Layout

Segment number

1

UNH - M 1 - Message header					
Function:					
A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.					
		EDIFACT	BZL	*	Description
0062	Message reference number	M an..14	M		Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be identical. Sender generated.
S009	MESSAGE IDENTIFIER	M	M		
0065	Message type	M an..6	M	*	DESADV = Despatch advice message
0052	Message version number	M an..3	M	*	D = Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	M	*	01B = Release 2001 - B
0051	Controlling agency	M an..2	M	*	UN = UN/CEFACT
0057	Association assigned code	C an..6	M	*	EAN007 = GS1 version control number (GS1 Permanent Code)
0068	Common access reference	C an..35	N		
S010	STATUS OF THE TRANSFER	C	N		
0070	Sequence of transfers	M n..2			
0073	First and last transfer	C a1			
Segment Notes:					
This segment is used to head, identify and specify a message.					
DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Despatch Advice message based on the D.01B directory under the control of the United Nations.					
Example:					
UNH+ME000001+DESADV:D:01B:UN:EAN007'					



Segment Layout

Segment number
2

BGM		- M	1 - Beginning of message		
Function:					
A segment for unique identification of the Despatch Advice document, by means of its name and its number.					
		EDIFACT	BZL	*	Description
C002	DOCUMENT/MESSAGE NAME	C	M		
1001	Document name code	C an..3	M	*	351 = Despatch advice
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	O	*	9 = GS1
1000	Document name	C an..35	O		
C106	DOCUMENT/MESSAGE IDENTIFICATION	C	R		
1004	Document identifier	C an..35	M		Despatch Advice number assigned by the document sender.
1056	Version identifier	C an..9	N		
1060	Revision identifier	C an..6	N		
1225	Message function code	C an..3	M	*	9 = Original
4343	Response type code	C an..3	N		
Segment Notes:					
This segment is used to indicate the type and function of the message and to transmit the identifying number. All references other than the document number DE 1004 are to be put in the RFF segment.					
Example:					
BGM+351+DES587441+9'					



Segment Layout

Segment number
 3

DTM - M 10 - Date/time/period					
Function: Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.					
		EDIFACT	BZL	*	Description
C507	DATE/TIME/PERIOD	M	M		
2005	Date or time or period function code qualifier	M an..3	M	*	17 = Delivery date/time, estimated 137 = Document/message date/time 200 = Pick up date
2380	Date or time or period value	C an..35	M		
2379	Date or time or period format code	C an..3	M		102 = CCYYMMDD 203 = CCYYMMDDHHMM
Segment Notes: This segment is used to specify the date of the Despatch Advice or any dates related to the delivery of goods. DE 2005: Both document date and estimated delivery date should be in the message. Example: DTM+137:20021101:102'					



Segment Layout

Segment number
 4

SG1	- M	10 - RFF-DTM			
RFF	- M	1 - Reference			
Function:					
A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.					
			EDIFACT	BZL	*
					Description
C506	REFERENCE		M	M	
1153	Reference code qualifier	M an..3		M	ON = Order number (buyer)
1154	Reference identifier	C an..70		M	
1156	Document line identifier	C an..6		N	
4000	Reference version identifier	C an..35		N	
1060	Revision identifier	C an..6		N	
Segment Notes:					
This segment is used to provide references that apply to the whole transaction. Order number buyer is mandatory					
Example:					
RFF+ON:12332'					



Segment Layout

Segment number
 5

SG1	- M	10 - RFF-DTM			
DTM	- O	1 - Date/time/period			
Function: Date/time/period from the referred document.					
		EDIFACT	BZL	*	Description
C507	DATE/TIME/PERIOD	M	M		
2005	Date or time or period function code qualifier	M an..3	M	*	171 = Reference date/time
2380	Date or time or period value	C an..35	M		
2379	Date or time or period format code	C an..3	M		102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD
Segment Notes: This segment is used to specify dates relating to the references given in the previous RFF segment. Example: DTM+171:20021101:102'					



Segment Layout

Segment number
6

SG2	- M	99 – NAD-LOC-SG3			
NAD	- M	1 - Name and address			
Function:					
A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order message. It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.					
		EDIFACT	BZL	*	Description
3035	Party function code qualifier	M an..3	M		BY = Buyer DP = Delivery party IV = Invoicee SU = Supplier SF = Sourcing location
C082	PARTY IDENTIFICATION DETAILS	C	<		
3039	Party identifier	M an..35	M		GLN -Format n13
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	M	*	9 = GS1
C058	NAME AND ADDRESS	C	O		This composite may only be used to fulfill the requirements of directive 2003/58/EC, article 4.
3124	Name and address description	M an..35	M		
3124	Name and address description	C an..35	O		
3124	Name and address description	C an..35	O		
3124	Name and address description	C an..35	O		
3124	Name and address description	C an..35	O		
C080	PARTY NAME	C	C		
3036	Party name	M an..35	M		Party Name in clear text.
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3045	Party name format code	C an..3	O		



Segment Layout

Segment number

6

		EDIFACT	BZL	*	Description
C059	STREET	C	D		
3042	Street and number or post office box identifier	M an..35	M		Building Name/Number and Street
3042	Street and number or post office box identifier	C an..35	O		Name and/or P.O. Box.
3042	Street and number or post office box identifier	C an..35	O		
3042	Street and number or post office box identifier	C an..35	O		
3164	City name	C an..35	M		City/Town name, clear text
C819	COUNTRY SUB-ENTITY DETAILS	C	M		
3229	Country sub-entity name code	C an..9	O		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	O		
3228	Country sub-entity name	C an..70	O		County/State, clear text.
3251	Postal identification code	C an..17	M		Postal Code
3207	Country name code	C an..3	M		ISO 3166 two alpha code

Segment Notes:

This segment is used to identify the trading partners involved in the Despatch process. Identification of the buyer and supplier of goods and services is mandatory using DE's 3035 and C082.

The delivery address given in NAD at header level is the delivery address for all line items.

***Sourcing location will be used in case of a supplier with several production/warehouse locations and only 1 NAD-SU GLN. Has to be sent back in ORDRSP, DESADV and INVOIC messages ONLY WHEN IT IS SENT BY BUNZL IN THE ORDERS MESSAGE!**

Example:

NAD+BY+5412345000013::9'

NAD+SU+4012345500004::9'

NAD+DP+5412345000013::9'

Dependency Notes:

The following composites and data elements are only used when a coded name and address cannot be used or there is a requirement to furnish the full name and address for the trading party. The affected composites and data elements are as follows:

C080 - C059 - 3164 - C819 - 3251 - 3207

Identification of the buyer and supplier is mandatory. Identification of the delivery party is preferred and is mandatory if different from the buyer.



Segment Layout

Segment number

7

SG2	- M	99 - NAD-LOC-SG3			
LOC	- C	10 - Place/location identification			
Function:					
A segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.					
		EDIFACT	BZL	*	Description
3227	Location function code qualifier	M an..3	M		7 = Place of delivery
C517	LOCATION IDENTIFICATION	C	M		
3225	Location name code	C an..25	M		Use GLN - Format n13 if available. If not applicable, use codes as assigned by buyer.
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	M		9 = GS1 92 = Assigned by buyer or buyer's agent
3224	Location name	C an..256	O		
C519	RELATED LOCATION ONE IDENTIFICATION	C	N		
3223	First related location name code	C an..25			
1131	Code list identification code	C an..17			
3055	Code list responsible agency code	C an..3			
3222	First related location name	C an..70			
C553	RELATED LOCATION TWO IDENTIFICATION	C	N		
3233	Second related location name code	C an..25			
1131	Code list identification code	C an..17			
3055	Code list responsible agency code	C an..3			
3232	Second related location name	C an..70			
5479	Relation code	C an..3	N		
Segment Notes:					
This segment is used to indicate more precise locations related to the party identified in the NAD segment. It is recommended that GLN -Format n13 - be used for the identification of all locations. Only needed in case of multiple delivery locations per NAD-DP.					
Example:					
LOC+7+5412345123472::9'					



Segment Layout

Segment number
 8

SG2	- M	99 - NAD-LOC-SG3
SG3	- C	10 - RFF
RFF	- M	1 - Reference

Function:

A segment for referencing documents relating to the party specified by the NAD segment.

		EDIFACT	BZL	*	Description
C506	REFERENCE	M	M		
1153	Reference code qualifier	M an..3	M	*	VA = VAT registration number
1154	Reference identifier	C an..70	M		
1156	Document line identifier	C an..6	N		
4000	Reference version identifier	C an..35	N		
1060	Revision identifier	C an..6	N		

Segment Notes:

This segment is used to specify references related to the party identified in the previous NAD segment.

Example:

RFF+VA:6558774'



Segment Layout

Segment number
 9

SG10	- C	9999 - CPS-SG17			
CPS	- M	1 - Consignment packing sequence			
Function:					
A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.					
		EDIFACT	BZL	*	Description
7164	Hierarchical structure level identifier	M an..35	M		Sequential numbering recommended.
7166	Hierarchical structure parent identifier	C an..35	O		
7075	Packaging level code	C an..3	O	1	
Segment Notes:					
This segment is used to identify the sequence in which packing of the consignment occurs. Pallet identification by SSCC codes is not required.					
Example:					
CPS+1'					



Segment Layout

Segment number
10

SG10	- M	9999 - CPS-SG17				
SG17	- M	9999 - LIN-PIA-IMD-QTY-DTM				
LIN	- M	1 - Line item				
<p>Function: A segment identifying the product being despatched.</p> <p>All other segments in the detail section following the LIN segment refer to that line item.</p>						
		EDI	FACT	BZL	*	Description
1082	Line item identifier	C	an..6	M		Application generated number of the item lines within the Despatch Advice.
1229	Action request/notification description code	C	an..3	N		
C212	ITEM NUMBER IDENTIFICATION	C		C		This composite is only used for the identification of GS1 codes. If another coding structure is required, this composite will not be used and the code will be detailed in the PIA segment.
7140	Item identifier	C	an..35	M		Format n..14 GTIN - this is the number of the article being despatched.
7143	Item type identification code	C	an..3	M	*	SRV = GS1 Global Trade Item Number
1131	Code list identification code	C	an..17	N		
3055	Code list responsible agency code	C	an..3	N		
<p>Segment Notes:</p> <p>This segment is used to identify the line item being despatched. If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment.</p> <p>Example: LIN+1++5412345123453:SRV'</p>						



Segment Layout

Segment number
 11

SG10	- M	9999 - CPS-SG17
SG17	- M	9999 - LIN-PIA-IMD-QTY-DTM
PIA	- C	10 - Additional product id

Function:
 A segment providing additional product identification.

		EDIFACT	BZL	*	Description
4347	Product identifier code qualifier	M an..3	M	*	1 = Additional identification 5 = Product identification To provide the primary product identification code when no GTIN has been provided in the LIN segment.
C212	ITEM NUMBER IDENTIFICATION	M	M		
7140	Item identifier	C an..35	M		
7143	Item type identification code	C an..3	M		IN = Buyer's item number SA = Supplier's item number NB = Batch number
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	D		

Segment Notes:

This segment is used to identify additional product codes for the current line item.

If no GTIN is available, the Buyer's item number is mandatory.

For medical products, the batch number is mandatory.

Examples:

PIA+5+2209953:IN'

This example details the code 2209953 which is provided as the primary product code because no GTIN was provided in the LIN segment.

PIA+1+ABC-1234:NB'

This example details the batch code as additional identification of the product.



Segment Layout

Segment number
12

SG10	- M	9999 - CPS-SG17			
SG17	- M	9999 - LIN-PIA-IMD-QTY-DTM			
IMD	- C	25 - Item description			
Function: A segment for describing the product being despatched.					
		EDIFACT	GS1	*	Description
7077	Description format code	C an..3	M	*	F = Free-form
C272	ITEM CHARACTERISTIC	C	O		
7081	Item characteristic code	C an..3	R		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	C	*	
C273	ITEM DESCRIPTION	C	M		
7009	Item description code	C an..17	O		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	C		
7008	Item description	C an..256	M		
7008	Item description	C an..256	O		
3453	Language name code	C an..3	O		
7383	Surface or layer code	C an..3	N		
Segment Notes: This segment is used to describe the current line item. Data element 7008 in clear text may be used when free-form description is preferred by one of the trading partners. Free form descriptions are not used for item identification. Example: IMD+F+:::CORN CRISPIES'					



Segment Layout

Segment number
 13

SG10	- M	9999 - CPS-SG17			
SG17	- M	9999 - LIN-PIA-IMD-QTY-DTM			
QTY	- M	10 - Quantity			
Function:					
A segment to give quantity information concerning the product.					
		EDIFACT	GS1	*	Description
C186	QUANTITY DETAILS	M	M		
6063	Quantity type code qualifier	M an..3	M	*	12 = Despatch quantity
6060	Quantity	M an..35	M		
6411	Measurement unit code	C an..3	D		KGM = kilogram This DE is only used if the product being identified is of variable quantity.
Segment Notes:					
This segment is used to specify the quantity of the product identified in the LIN segment which is about to be, or, has been despatched.					
Example:					
QTY+12:400'					



Segment Layout

Segment number
 14

SG10	- M	9999 - CPS-SG17			
SG17	- M	9999 - LIN-PIA-IMD-QTY-DTM			
DTM	- C	5 - Date/time/period			
Function: A segment providing date, time information related to the line item, e.g. production date.					
		EDIFACT	BZL	*	Description
C507	DATE/TIME/PERIOD	M	M		
2005	Date or time or period function code qualifier	M an..3	M	*	36 = Expiry date 94 = Production/manufacture date 361 = Best before date 90E = Product sterilisation date
2380	Date or time or period value	C an..35	M		
2379	Date or time or period format code	C an..3	M		102 = CCYYMMDD 203 = CCYYMMDDHHMM
Segment Notes: This segment is used to specify relevant dates (and possibly times) and periods of the product which is about to be, or, has been despatched. This segment is required if the despatched items have an Expiry date or Best before date. Example: DTM+36:20020910:102' Expiry date is the 10th of September 2002.					



Segment Layout

Segment number
 15

CNT		- M	5 - Control total		
Function:					
A segment by which control totals may be provided by sender for checking by the receiver.					
		EDIFACT	BZL	*	Description
C270	CONTROL	M	M		
6069	Control total type code qualifier	M an..3	M	*	2 = Number of line items in message
6066	Control total value	M n..18	M		
6411	Measurement unit code	C an..3	O		
Segment Notes:					
This segment is used to provide message control information for checking on the message receiver's in-house system.					
Example:					
CNT+2:12'					



Segment Layout

Segment number
 16

UNT	- M	1 - Message trailer			
Function: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.					
		EDIFACT	BZL	*	Description
0074	Number of segments in the message	M n..6	M		The total number of segments in the message is detailed here.
0062	Message reference number	M an..14	M		The message reference numbered detailed here should equal the one specified in the UNH segment.
Segment Notes: This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message. Example: UNT+57+ME000001'					



Examples

UNA:+.? '
UNB+UNOC:3+222222222222:14+1111111111116:14+190905:0020+3'
UNH+1+DESADV:D:01B:UN:EAN007'
BGM+351+DN123456790+9'
DTM+137:20190905:102'
DTM+17:20190905:102'
RFF+ON:PO0000002'
DTM+171:20190902:102'
NAD+SU+222222222222::9'
NAD+BY+1111111111116::9'
NAD+DP+1111111111116::9'
CPS+1'
LIN+1++1000000000009:SRV'
PIA+1+000001:SA'
QTY+12:1'
DTM+361:20201129:102'
LIN+2++1000000000016:SRV'
PIA+1+000002:SA'
QTY+12:40'
DTM+361:20201201:102'
LIN+3++1000000000023:SRV'
PIA+1+000003:SA'
QTY+12:10'
DTM+361:20201231:102'
CNT+2:3'
UNT+24+1'
UNZ+3+1'