



MESSAGE IMPLEMENTATION GUIDELINE

Despatch Advice (Inbound)

DESPATCH ADVICE MESSAGE

DESADV D.00A

VERSION 0.3 / 2016-12-12

Version History

Version 0.1 - 2016-11-04

Draft, for demonstration purposes

Version 0.2 - 2016-11-08

2nd draft version

Version 0.3 - 2016-12-12

3rd draft

General

Subset definition

Message subset which covers despatch advice messages sent to Company X using EDIFACT DESADV D.00A message format.

Functional definition

A message specifying details for goods despatched or ready for despatch under agreed conditions.

The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

Field of application

The Despatch advice message may be used for both national and international applications. It is based on universal practice related to administration, commerce and transport, and is not dependent on the type of business or industry.

Subset abbreviations

Default statuses:

- M Mandatory
- C Conditional

Custom statuses for items with default status "Conditional":

- R Required (= Mandatory)
- A Advised / Recommended
- D Depending (= Mandatory in certain conditions)
- O Optional
- X Excluded / Not used
- F Forbidden

Item status & max repeat:

- M 1 Mandatory, must be repeated exactly once
- C 99 Conditional, can be repeated at most 99 times
- R 5 Required, must be repeated atleast once and at most 5 times

Item data types:

- an..35 alphanumeric value, at most 35 characters
- an3 alphanumeric value, exactly 3 characters
- n..9 numeric value, at most 9 numbers
- n3 numeric value, exactly 3 numbers
- a1 alphabetic characters, exactly 1 character

Message Structure

Tag	St	Rp	Name
UNH	M	1	MESSAGE HEADER
BGM	M	1	BEGINNING OF MESSAGE
DTM	R	2	DATE/TIME/PERIOD
GRP1	C	10	RFF-DTM
--RFF	M	1	REFERENCE
--DTM	C	1	DATE/TIME/PERIOD
GRP2	R	99	NAD
--NAD	M	1	NAME AND ADDRESS
GRP10	R	9999	CPS-GRP11-GRP17
--CPS	M	1	CONSIGNMENT PACKING SEQUENCE
-- GRP11	R	9999	PAC-MEA
-- --PAC	M	1	PACKAGE
-- --MEA	R	10	MEASUREMENTS
-- GRP17	R	9999	LIN-QTY-GRP18
-- --LIN	M	1	LINE ITEM
-- --QTY	R	10	QUANTITY
-- -- GRP18	C	99	RFF-DTM
-- -- --RFF	M	1	REFERENCE
-- -- --DTM	C	1	DATE/TIME/PERIOD
UNT	M	1	MESSAGE TRAILER

Message Segments

UNH MESSAGE HEADER

M 1

A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

Tag	Name	St	Type	Notes
0062	MESSAGE REFERENCE NUMBER	M	an..14	
S009	MESSAGE IDENTIFIER	M		
0065	Message type	M	an..6	DESADV Despatch advice message <i>Other codes are forbidden.</i>
0052	Message version number	M	an..3	D Draft version/UN/EDIFACT Directory <i>Other codes are forbidden.</i>
0054	Message release number	M	an..3	00A Release 2000 - A <i>Other codes are forbidden.</i>
0051	Controlling agency, coded	M	an..3	UN UN/CEFACT <i>Other codes are forbidden.</i>

Example: UNH+1+DESADV:D:00A:UN'

A segment for unique identification of the Despatch Advice document, by means of its name and its number.

Tag	Name	St	Type	Notes
C002	DOCUMENT/MESSAGE NAME	R		
1001	Document name code	R	an..3	351 Despatch advice <i>Other codes are forbidden.</i>
C106	DOCUMENT/MESSAGE IDENTIFICATION	R		
1004	Document identifier	R	an..35	

Example: BGM+351+123456'

Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

Tag	Name	St	Type	Notes
C507	DATE/TIME/PERIOD	M		
2005	Date or time or period function code qualifier	M	an..3	137 Document/message date/time REQUIRED <i>Other codes are skipped.</i>
2380	Date or time or period value	R	an..35	Pattern: [0-9]{8} Example: 20161101
2379	Date or time or period format code	R	an..3	102 CCYYMMDD <i>Other codes are forbidden.</i>

Example: DTM+137:20150515:102'

A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

Remarks: Provide references primarily on a header level.

RFF REFERENCE

M 1

A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.

Tag	Name	St	Type	Notes
C506	REFERENCE	M		
1153	Reference function code qualifier	M	an..3	CO Buyers order number OPTIONAL <i>Other codes are skipped.</i>
1154	Reference identifier	R	an..25	

DTM DATE/TIME/PERIOD

Date/time/period from the referred document.

Tag	Name	St	Type	Notes
C507	DATE/TIME/PERIOD	M		
2005	Date or time or period function code qualifier	M	an..3	
2380	Date or time or period value	R	an..35	Pattern: [0-9]{8} Example: 20161101
2379	Date or time or period format code	R	an..3	102 CCYYMMDD <i>Other codes are forbidden.</i>

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Remarks: Here comes segment group specific remarks.

NAD NAME AND ADDRESS

M 1

A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment. 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. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

Tag	Name	St	Type	Notes
3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	Here comes element specific remarks. CZ Consignor REQUIRED BY Buyer REQUIRED *** Here comes qualifier BY specific remarks. DP Delivery party REQUIRED ZZ Bilaterally agreed party OPTIONAL <i>Other codes are skipped.</i>
C082	PARTY IDENTIFICATION DETAILS	R		Here comes composite specific remarks.
3039	Party identifier	M	an..35	
1131	Code list identification code	C	an..3	100 Enhanced party identification <i>Other codes are skipped.</i>
3055	Code list responsible agency code	C	an..3	92 Assigned by buyer or buyer's agent <i>Other codes are skipped.</i>
C058	NAME AND ADDRESS	X		
C080	PARTY NAME	R		
3036	Party name	M	an..35	
3036	Party name	C	an..35	

Example: NAD+CZ+5678765::92++ZXC Consignor'

Remarks: Here comes segment specific remarks.

A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

CPS CONSIGNMENT PACKING SEQUENCE

M 1

A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

Tag	Name	St	Type	Notes
7164	HIERARCHICAL STRUCTURE LEVEL IDENTIFIER	M	an..35	
7166	HIERARCHICAL STRUCTURE PARENT IDENTIFIER	X		
7075	PACKAGING LEVEL CODE	C	an..3	1 Inner <i>Other codes are skipped.</i>

Example: CPS+123456789987654321++1'

A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

PAC PACKAGE**M 1**

A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

Tag	Name	St	Type	Notes
7224	PACKAGE QUANTITY	R	n..8	

Example: PAC+1'

MEA MEASUREMENTS

R 10

A segment specifying physical measurements of the packages/physical units described in the PAC segment.

Tag	Name	St	Type	Notes
6311	MEASUREMENT ATTRIBUTE CODE	M	an..3	AAE Measurement <i>Other codes are skipped.</i>
C502	MEASUREMENT DETAILS	R		
6313	Measured attribute code	R	an..3	ABJ Volume <i>Other codes are skipped.</i>
C174	VALUE/RANGE	R		
6411	Measurement unit code	M	an..3	
6314	Measurement value	R	an..18	

Example: MEA+AAE+ABJ+LTR:500'

A group of segments providing details of the individual despatched items.

LIN LINE ITEM

M 1

A segment identifying the product being despatched. All other segments in the detail section following the LIN segment refer to that line item.

Tag	Name	St	Type	Notes
1082	LINE ITEM IDENTIFIER	R	an..6	
1229	ACTION REQUEST/NOTIFICATION DESCRIPTION CODE	X		
C212	ITEM NUMBER IDENTIFICATION	R		
7140	Item identifier	R	an..35	
7143	Item type identification code	R	an..3	SA Supplier's article number VN Vendor item number <i>Other codes are skipped.</i>

Example: LIN+1++123456:SA'

QTY QUANTITY

A segment to give quantity information concerning the product.

Tag	Name	St	Type	Notes
C186	QUANTITY DETAILS	M		
6063	Quantity type code qualifier	M	an..3	12 Despatch quantity <i>Other codes are skipped.</i>
6060	Quantity	M	an..35	
6411	Measurement unit code	R	an..3	

Example: QTY+12:200:PC'

A group of segments to give reference numbers and dates.

RFF REFERENCE**M 1**

A segment identifying documents related to the line item.

Tag	Name	St	Type	Notes
C506	REFERENCE	M		
1153	Reference function code qualifier	M	an..3	CO Buyers order number <i>Other codes are skipped.</i>
1154	Reference identifier	R	an..35	
1156	Document line identifier	R	an..6	

Example: RFF+CO:1234:10'

DTM DATE/TIME/PERIOD

A segment for date/time/period relative to the referred document.

Tag	Name	St	Type	Notes
C507	DATE/TIME/PERIOD	M		
2005	Date or time or period function code qualifier	M	an..3	171 Reference date/time <i>Other codes are forbidden.</i>
2380	Date or time or period value	R	an..35	Pattern: [0-9]{8} Example: 20161101
2379	Date or time or period format code	R	an..3	102 CCYYMMDD <i>Other codes are forbidden.</i>

Example: DTM+171:20150513:102'

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.

Tag	Name	St	Type	Notes
0074	NUMBER OF SEGMENTS IN A MESSAGE	M	n..10	
0062	MESSAGE REFERENCE NUMBER	M	an..14	

Example: UNT+19+1'