COMPETEC

Customer Despatch Advice Message

EDIFACT D96A DESADV

Version: 1.2

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Changelog

Version	Date	Change	Author
1.0	01.05.2023	Initial definition	DAO
1.1	20.06.2023	Add line level order number references	DAO
1.2	16.12.2024	Add support for additional transport modes	LAKA

Status Codes

Code	Description
M	Mandatory D96A Field
C	Conditional D96A Field

References

https://unece.org/trade/uncefact/introducing-unedifact

https://www.stylusstudio.com/edifact/D96A/DESADV.htm

Head Section

Pos	Segment/Element	Description	Status	Example	Remarks
010	S001	SYNTAX IDENTIFIER	M		
	0001	Syntax identifier	M	+UNOC	
	0002	Syntax version number	M	:3	
020	S002	INTERCHANGE SENDER	M		
	0004	Interchange sender identification	M	+7609999129308	Sender Party GLN
	0007	Identification code qualifier	C	:14	14 = EAN International
030	S003	INTERCHANGE RECIPIENT	M		
	0010	Interchange recipient identification	M	+760000000000	Receiver Party GLN
	0007	Identification code qualifier	C	:14	14 = EAN International
040	S004	DATE AND TIME OF PREPARATION	M		
	0017	Date	M	+210520	yyMMdd
	0019	Time	M	:0836	HHmm
050	0020	Interchange control reference	M	+123456	
060	S005	RECIPIENT'S REFERENCE/PASSWORD DETAILS	C		Not used
070	0026	Application reference	C		Not used
080	0029	Processing priority code	C		Not used
090	0031	Acknowledgement request	C		Not used
100	0032	Interchange agreement identifier	C		Not used
110	0035	Test indicator	C	+1	1 = Test

Example:

```
UNA:+.? '
UNB+UNOC:3+7609999129308:14+0:14+210520:0836+210520083649+++++1'
```

0010 | Segment | UNH | Message Header

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

Pos	Segment/Element	Description	Status	Example	Remarks
010	0062	MESSAGE REFERENCE NUMBER	M	+20210520083649	
020	S009	MESSAGE IDENTIFIER	M		
	0065	Message type	M	+DESADV	
	0052	Message version number	M	:D	
	0054	Message release number	M	:96A	
	0051	Controlling agency, coded	M	:UN	

Example:

UNH+20210520083649+DESADV:D:96A:UN'

0020 | Segment | BGM | Beginning of message

A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C002	DOCUMENT/MESSAGE NAME	C		
	1001	Document name code	C	+351	*Supported codes:* 351 = Despatch Advice
020	1004	Document identifier	C	+31036674	Competec Deliverynote Id
030	1225	Message function, coded	C		Not used
040	4343	Response type, coded	C		Not used

Example:

BGM+351+31036674'

0030 | DTM | Date/time/period

A segment specifying general dates and, when relevant, times related to the whole message.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	+11	*Supported codes:* 11 = Despatch date and or time 137 = Document/message date/time
	2380	Date/time/period	C	:20230419	
	2379	Date/time/period format qualifier	C	:102	*Supported codes:* 102 = CCYYMMDD

Example:

```
DTM+11:20230419:102'
DTM+137:20210520:102'
```

0050 | Segment | MEA | Measurements

A segment specifying the weight and volume of the consignment.

Pos	Segment/Element	Description	Status	Example	Remarks
010	6311	Measurement application qualifier	M	+AAU	*Supported codes:* AAU = Package
020	C502	MEASUREMENT DETAILS	C		
	6313	Measurement dimension, coded	C	+AAW	*Supported codes:* AAW = Gross volume AAD = Total gross weight
	6321	Measurement significance, coded	C	:3	*Supported codes:* 3 = Approximately
030	C174	VALUE/RANGE	C		
	6411	Measure unit qualifier	M	+MTQ	*Supported codes:* MTQ = Cubic metre KG = Kilogram
	6314	Measurement value	C	:0.0004	
040	7383	Surface/layer indicator, coded	C		Not used

Example:

```
MEA+AAU+AAW:3+MTQ:0.0004'
MEA+AAU+AAD:3+KG:0.36'
```

0070 | Segment Group 1 | References and Dates

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

SG1 Used Segment List

Pos	Tag	Name
0080	RFF	Reference
0090	DTM	Date/time/period

0080 | Segment | RFF | Reference

A segment for referencing documents relating to the whole despatch advice message.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M		
	1153	Reference qualifier	M	+ON	*Supported codes:* ON = Order number (purchase) IV = Invoice number UC = Ultimate customer's reference number
	1154	Reference number	C	:85651241	

Example:

RFF+ON:85651241'

0090 | Segment | DTM | Date/time/period

A segment specifying the date/time related to the reference.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	+171	*Supported codes:* 171 = Reference date/time
	2380	Date/time/period	C	:20230419	
	2379	Date/time/period format qualifier	C	:102	*Supported codes:* 102 = CCYYMMDD

Example:

DTM+171:20230419:102'

0100 | Segment Group 2 | Despatch Parties

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

SG2 Used Segment List

Pos	Tag	Name
0110	NAD	Name and address

0110 | Segment | NAD | Name and address

A segment identifying names and addresses of the parties and their functions relevant to the invoice.

Pos	Segment/Element	Description	Status	Example	Remarks
010	3035	Party qualifier	M	+IV	*Supported codes:* IV = Invoicee BY = Buyer SU = Supplier DP = Delivery Party
020	C082	PARTY IDENTIFICATION DETAILS	C		
	3039	Party id. identification	M	+A001234	
030	C058	NAME AND ADDRESS	C		Not used
040	C080	PARTY NAME	C		
	3036	Party name	M	+Sample Company	Address name 1
	3036	Party name	C	:John Doe	Address name 2
050	C059	STREET	C		
	3042	Street and number/p.o. box	M	+Streetname 1	Street name 1
	3042	Street and number/p.o. box	C	:Building 10b	Street name 2
060	3164	City name	C	+Zürich	
070	3229	Country sub-entity identification	C		Not used
080	3251	Postcode identification	C	+8005	PLZ
090	3207	Country, coded	C	+CH	

Example:

```
NAD+IV+A001234++Sample Company:John Doe+Streetname 1:Building
10b+Zürich++8005+CH'
```

0230 | Segment Group 6 | Transport

A group of segments specifying details of the mode and means of transport relevant to the whole despatch advice.

SG6 Used Segment List

Pos	Tag	Name
0240	TDT	Details of transport

0240 | Segment | TDT | Details of transport

A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

Pos	Segment/Element	Description	Status	Example	Remarks
010	8051	Transport stage qualifier	M	+20	*Supported codes:* 20 = Main-carriage transport
020	8028	Conveyance reference number	C		Not used
030	C220	MODE OF TRANSPORT	C		Not used
040	C228	TRANSPORT MEANS	C		Not used
050	C040	CARRIER	C		
	...				Not used
	3128	Carrier name	C	:Post	
060	8101	Transit direction, coded	C		Not used
070	C401	EXCESS TRANSPORTATION INFORMATION	C		Not used
080	C222	TRANSPORT IDENTIFICATION	C		Not used
090	8281	Transport ownership, coded	C		Not used

Example:

```
TDT+20++++:::Post'
```

Detail Section

0370 | Segment Group 10 | Consignment details
A group of segments providing details of all package levels and of the individual despatched items contained in the consignment.

SG10 Used Segment List

Pos	Tag	Name
0380	CPS	Consignment packing sequence
0400	SG11	Packaging and handling details
0470	SG13	Markings, labels, and packing numbers
0550	SG15	Line items

0380 | Segment | CPS | Consignment packing sequence					
A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	7164	Hierarchical id. number	M	+1	
020	7166	Hierarchical parent id.	C		Not used
030	7075	Packaging level, coded	C	+4	*Supported codes:* 4 = No packaging hierarchy

Example:

CPS+1++4'

0400 | Segment Group 11 | Packaging and handling details

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.

SG11 Used Segment List

Pos	Tag	Name
0410	PAC	Package
0470	SG13	Markings, labels, and packing numbers
0550	SG15	Line Items

0410 | Segment | PAC | Package

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

Pos	Segment/Element	Description	Status	Example	Remarks
010	7224	Number of packages	C		Not used
020	C531	PACKAGING DETAILS	C		
	7075	Packaging level, coded	C		Not used
	7233	Packaging related information, coded	C	:52	*Supported codes:* 52 = Package barcoded UCC or EAN-128
	7073	Packaging terms and conditions, coded	C		Not used
030	C202	PACKAGE TYPE	C		
	7065	Type of packages identification	C	+CT	*Supported codes:* CT = Carton
	1131	Code list qualifier	C		Not used
	3055	Code list responsible agency, coded	C	:9	*Supported codes:* 9 = EAN (International Article Numbering association)
	7064	Type of packages	C		Not used
040	C402	PACKAGE TYPE IDENTIFICATION	C		Not used
050	C532	RETURNABLE PACKAGE DETAILS	C		Not used

Example:

PAC++:52+CT::9'

0470 | Segment Group 13 | Markings, labels, and packing numbers

A group of segments specifying markings, labels, and packing numbers.

SG13 Used Segment List

Pos	Tag	Name
0480	PCI	Package identification
0490	RFF	Reference
0550	SG15	Line Items

0480 | Segment | PCI | Package identification

A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

Pos	Segment/Element	Description	Status	Example	Remarks
010	4233	Marking instructions, coded	C	+33E	*Supported codes:* 33E = Marked with serial shipping container code (EAN Code)
020	C210	MARKS & LABELS	C		Not used
030	8275	Container/package status, coded	C		Not used
040	C827	TYPE OF MARKING	C		Not used

Example:

PCI+33E'

0490 | Segment | RFF | Reference				
A segment for referencing the package identification e.g. master label number.				
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**

Pos	Segment/Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M		
	1153	Reference qualifier	M	+CCE	*Supported codes:* CCE = Cardboard carrier
	1154	Reference number	C	:99.37.115923.25800802	
	1156	Line Number	C		Not used
	4000	Reference version number	C		Not used

Example:

RFF+CCE:99.37.115923.25800802'

0550 | Segment Group 15 | Line items
A group of segments providing details of the individual line items.

SG15 Used Segment List

Pos	Tag	Name
0560	LIN	Line item
0570	PIA	Additional product id
0580	IMD	Item description
0600	QTY	Quantity
0620	GIR	Related identification numbers
0650	DTM	Date/time/period

	**0560	Segment	LIN	Line item**				
A segment identifying the product being despatched.					
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**
010	1082	Line item number	C	+1	Customer's line number
020	1229	Action request/notification, coded	C		Not used
030	C212	ITEM NUMBER IDENTIFICATION	C		
	7140	Item number	C	+9120072855368	EAN
	7143	Item number type, coded	C	:EN	*Supported codes:* EN = International Article Numbering Association (EAN)
040	C829	SUB-LINE INFORMATION	C		Not used
050	1222	Configuration level	C		Not used
060	7083	Configuration, coded	C		Not used

Example:

```
LIN+1++4250152110195:EN'
```

0570 | Segment | PIA | Additional product id					
A segment providing additional identification to the product specified in the LIN segment.					
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**
010	4347	Product id. function qualifier	M	+1	*Supported codes:* 1 = Additional identification
020	C212	ITEM NUMBER IDENTIFICATION	M		
	7140	Item number	C	+18906117	
	7143	Item number type, coded	C	:BP	*Supported codes:* BP = Buyer's part number SA = Supplier's article number
030	C212	ITEM NUMBER IDENTIFICATION	C		Not used
040	C212	ITEM NUMBER IDENTIFICATION	C		Not used
050	C212	ITEM NUMBER IDENTIFICATION	C		Not used
060	C212	ITEM NUMBER IDENTIFICATION	C		Not used

Example:

```
PIA+1+18906117:BP'
```

```
PIA+1+1451693:SA'
```

0580	Segment	IMD	Item description				
A segment for describing the product being despatched.						
Pos	Segment/Element	Description	Status	Example	Remarks
010	7077	Item description type, coded	C	+A	*Supported codes:* A = Free-form long description
020	7081	Item characteristic, coded	C		Not used
030	C273	ITEM DESCRIPTION	C		
	...				
	7008	Item description	C	:Buttergipfel	First 35 description chars
	7008	Item description	C	:ExtraKnusprig	Second 35 description chars (descriptions longer than 70 chars will be trimmed)
040	7383	Surface/layer indicator, coded	C		Not used

Example:

```
IMD+A++:::Buttergipfel:ExtraKnusprig'
```

0600	Segment	QTY	Quantity				
A segment to give quantity information concerning the product.						
Pos	Segment/Element	Description	Status	Example	Remarks
010	C186	QUANTITY DETAILS	M		
	6063	Quantity qualifier	M	+12	*Supported codes:* 12 = Despatch quantity
	6060	Quantity	M	:2	
	6411	Measure unit qualifier	C	:PCE	*Supported codes:* PCE = Piece

Example:

```
QTY+12:2:PCE'
```

0630 | Segment | GIR | Related identification numbers

A segment providing sets of related identification numbers for a line item, e.g. serial numbers, if available.

Pos	Segment/Element	Description	Status	Example	Remarks
010	7297	Set identification qualifier	M	+1	*Supported codes:* 1 = Product
020	C206	IDENTIFICATION NUMBER	M		
	7402	Identity number	M	+GPKBD1102A123456	
	7405	Identity number qualifier	C	:BN	*Supported codes:* BN = Serial number

Example:

GIR+1+GPKBD1102A123456:BN'

GIR+1+GPKBD1102A678910:BN'

0650 | Segment | DTM | Date/time/period

A segment providing date, time information related to the line item.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	+143	*Supported codes:* 143= Date on which the goods are taken over by the carrier 17 = Delivery date/time, estimated
	2380	Date/time/period	C	:20210520	
	2379	Date/time/period format qualifier	C	:102	*Supported codes:* 102 = CCYYMMDD

Example:

DTM+143:20210520:102'

DTM+17:20210521:102'

0680 | Segment Group 16 | Line References and Dates

A group of segments to give reference numbers and dates.

SG16 Used Segment List

Pos	Tag	Name
0690	RFF	Reference

1400 | Segment | RFF | Line Reference

A segment identifying documents related to the line item.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M		
	1153	Reference qualifier	M	+ON	*Supported codes:* ON = Order number (purchase)
	1154	Reference number	C	12345	

Example:

RFF+ON:12345'

Summary section

0990 | Segment | UNT | Message trailer					
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.					
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**
010	0074	Number of segments in a message	M	+39	
020	0062	Message reference number	M	+20210520083649'	Message reference number from UNH segment

Example:

UNT+39+20210520083649'

UNZ | Interchange trailer					
To end and check the completeness of an interchange.					
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**
010	0036	Interchange control count	M	+1	
020	0020	Interchange control reference	M	+210520083649	Interchange control reference from UNB segment

Example:

UNZ+1+210520083649'

Example DESADV message

```
UNA:+.? '
UNB+UNOC:3+SENDERID123:14+RECEIVERID456:14+210520:0836+210520083649++++++1'
UNH+20210520083649+DESADV:D:96A:UN'
BGM+351+31036674'
DTM+11:20230419:102'
DTM+137:20210520:102'
MEA+AAU+AAW:3+MTQ:0.0004'
MEA+AAU+AAD:3+KG:0.36'
RFF+ON:85651241'
RFF+IV:31036674'
DTM+171:20230419:102'
RFF+UC:85651210'
NAD+IV+W005425++Test?+Escapedchar AG+Somestreet 3a+Anywhere++7777+CH'
NAD+BY+A278068++Test Client AG+Parallelweg 11+Elsewhere++6666+CH'
NAD+DP+85651210++Bill O?'Reilly:Endcustomer Name 2+Bachweg
3+Somewhere++5555+CH'
NAD+SU+7609999129308++Alltron AG+Hintermättlistr. 3+Mägenwil++5506+CH'
TDT+20++30+31+:::Post'
CPS+1++4'
PAC++:52+CN::9'
PCI+33E'
RFF+CN:99.37.115923.25800802'
PAC++:52+CN::9'
PCI+33E'
RFF+CN:99.37.115923.25801160'
LIN+1++4250152110195:EN'
PIA+1+18906117:BP'
PIA+1+1451693:SA'
IMD+A++:::Lunderland Bio-Kokosöl'
QTY+12:1:PCE'
DTM+143:20230419:102'
DTM+17:20230420:102'
RFF+ON:85651241'
UNT+31+20210520083649'
UNZ+1+210520083649'
```