

# Pagero EDIFACT D96A DESADV

## Mapping Implementation Guide

The following specification shall be used as the basis for creating EDIFACT-message DESADV.

Version  
20210713



CHANGELOG	
Date	What changed?
2021-07-13	Added IMD, added some qualifiers marked *.
2023-05-05	Added PCI and GIN

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## Introduction

The following specification shall be used as the basis for creating EDIFACT-message DESADV

## Standard

Pagero use D.96A for sending/receiving EDIFACT DESADV.

Pagero use UNOC syntax and defines separators in the UNA-segment as follows: UNA:+.? '

## How to Use these Guidelines

The codes shown under the codes heading are those recommended for use within the particular segment and others will not usually be required unless stated otherwise.

The following terms are used to indicate the particular usage of a segment or element. Where a group is optional then any mandatory segments in it are only mandatory if the group is used. Where a segment is optional then any mandatory elements within it are only mandatory when the segment is used:

<b>MANDATORY (M)</b>	Must be used - As defined by UN EDIFACT
<b>REQUIRED (R)</b>	Should always be used in transmissions
<b>DEPENDENT (D)</b>	Usage is determined by specified conditions
<b>OPTIONAL (O)</b>	May be used by trading partners by agreement
<b>NOT USED (NU)</b>	Not normally required

Where a group or segment is not referred to, this means it is not required to be sent in a transmission of the message. Where a segment is MANDATORY, REQUIRED, DEPENDENT or OPTIONAL and element details are given with appropriate codes, then these are the only elements required in that segment. The complete UN message layout definition, from which this subset has been derived, is provided at [http://live.unece.org/trade/untid/download\\_index.htm](http://live.unece.org/trade/untid/download_index.htm).

## Segment Implementation Details

### Header Group

#### UNB INTERCHANGE HEADER- MANDATORY

Function: To identify an interchange.

S001	SYNTAX IDENTIFIER	M	
0001	Syntax identifier	M a..4	UNOC UN/ECE level C
0002	Syntax version number	M n..1	3 Version 3
S002	INTERCHANGE SENDER	M	
0004	Sender identification	M an..35	Global Location Number (GLN)
0007	Partner identification code qualifier	C an..4 R	14 EAN International EAN is now GS1
S003	INTERCHANGE RECIPIENT	M	
0010	Recipient identification	M an..35	Global Location Number (GLN)
0007	Partner identification code qualifier	C an..4 R	14 EAN International EAN is now GS1
S004	DATE/TIME OF PREPARATION	M	
0017	Date of preparation	M n6	
0019	Time of preparation	M n4	
0020	Interchange control reference	M an..14	
S005	RECIPIENT'S REFERENCE PASSWORD	C	
0022	Recipient's reference/password	M an..14	
0026	Application reference	M an..14	
0029	Processing priority code	C a1	
0031	Acknowledgement request	C n1	
0032	Communications agreement ID	C an..35	
0035	Test indicator	C n1	

### USAGE NOTES

Element	Status	Codes
S001	Mandatory	
0001	Mandatory	UNOC
0002	Mandatory	3
S002	Mandatory	
0004	Mandatory	
0007	Requested	14
S003	Mandatory	
0010	Mandatory	
0007	Requested	14
S004	Mandatory	
0017	Mandatory	
0019	Mandatory	
0020	Not used	
S005	Not used	
0022	Not used	
0026	Not used	

0029	Not used	
0031	Not used	
0032	Not used	
0035	Depended	1 = Test

---

## SEGMENT EXAMPLE

UNB+UNOC:3+7300012550009:14+7350000001204:14+061010:1350+12345+++++1'

**Header Section****GROUP 0 MANDATORY****UNH MESSAGE HEADER- MANDATORY**

Function: To start, identify and specify a message.

0062	Message reference number	M an..14	
S009	MESSAGE IDENTIFIER	M	
0065	Message type identifier	M an..6	DESADV Despatch advice message
0052	Message type version number	M an..3	D Draft version/UN/EDIFACT Directory
0054	Message type release number	M an..3	96A Release 1996 - A
0051	Controlling agency	M an..2	UN UN/CEFACT
0057	Association assigned code	C an..6 R	PAGERO

**USAGE NOTES**

Element	Status	Codes
0062	Mandatory	
S009	Mandatory	
0065	Mandatory	DESADV
0052	Mandatory	D
0054	Mandatory	96A
0051	Mandatory	UN
0057	Requested	PAGERO

---

**SEGMENT EXAMPLE**

UNH+54321+DESADV:D:96A:UN:PAGERO'

**GROUP 0****MANDATORY****BGM****BEGINNING OF MESSAGE- MANDATORY**

Function: Despatch advice document number

C002	Document/message name	C R	
1001	Document/message name, coded	C an..3 R	351 Despatch advice
1004	Document/message number	C an..17 R	Document number
1225	Message function, coded	C an..3 R	9 Original

**USAGE NOTES**

Element	Status	Codes
C002	Mandatory	
1001	Mandatory	351
1004	Mandatory	
1225	Mandatory	9

---

**SEGMENT EXAMPLE**

BGM+351+D456327+9'



**GROUP 0****MANDATORY****DTM****GLOBAL DATE/TIMES- MANDATORY**

Function: This segment should appear at least once to identify the date of issue of the despatch advice. Other dates may be specified in further repeats optionally as required.

C507	Date/time/period	M	
2005	Date/time/period qualifier	M an..3	A code giving specific meaning to a date, time or period
2380	Date/time/period	C an..35 R	Date
2379	Date/time/period format qualifier	C an..3 R	102 CCYYMMDD

**USAGE NOTES**

Element	Status	Codes
C507	Mandatory	
2005	Mandatory	137 = Document/message Date/Time 232 = Arrival date/time, scheduled 17 = Delivery date/time estimated* 11 = Despatch date and/or time 2 = Requested delivery date
2380	Required	
2379	Required	To specify the format of the date/time 102 = CCYYMMDD

---

**SEGMENT EXAMPLE**

DTM+137:20070813:102'

**GROUP 1            OPTIONAL**

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

**RFF                    REFERENCE – MANDATORY**

Function: To specify purchase order number.

C506	Reference	M	
1153	Reference qualifier	M an..3	
1154	Reference number	C an..35 R	

**USAGE NOTES**

Element	Status	Codes
C506	Mandatory	
1153	Mandatory	ON = Buyer order number CT = Contract number* AEP = Project number* VN = Seller order number* DQ = Note number*
1154	Required	

---

**SEGMENT EXAMPLE**

RFF+ON:Order-12'

## Party Group

### GROUP 2 REQUIRED

This segment must appear at least twice to define the Seller and the Buyer but can also be used to define up to seven other parties.

### NAD NAME AND ADDRESS (Party Details)- MANDATORY

Function: The vendor / supplier and buyer parties are required parties, and both require the party code (C082 composite) for the despatch advice message. Other parties may be specified if known.

3035	Party qualifier	M an..3	SU Supplier
C082	Party identification details	C R	
3039	Party id. identification	M an..35 R	
1131	Code list qualifier	C an..3 N	
3055	Code list responsible agency, coded	C an..3 R	9 EAN (International Article Numbering association) EAN is now GS1
C058	Name and address	NU	
3124	Name and address line	NU	
C080	Party name	C	
3036	Party name 1	M an..35	
3036	Party name 2	C an..35	
C059	Street	C	
3042	Street 1	M an..35	
3042	Street 2	C an..35	
3164	City name	C an..35	
3229	Country sub-entity identification	C an..9 N	
3251	Postcode identification	C an..9	
3207	Country, coded	C an..3	

### USAGE NOTES

**Element**  
3035  
**Status**  
Mandatory

**Codes**  
SU = Supplier  
ST = Ship to  
SF = Ship from  
BY = Buyer  
DP = Delivery party  
CN = Consignee

C082 Required  
3039 Required  
1131 Not used  
3055 Required  
C058 Not used  
3124 Not used  
C080 Optional

GLN Global Location Number (GLN)

To specify the controlling agency of the code specified

3036	Mandatory
3036	Optional
C059	Optional
3042	Mandatory
3042	Optional
3164	Optional
3229	Optional
3251	Optional
3207	Optional

---

## SEGMENT EXAMPLE

NAD+BY+7350000001204::9++Buyer party+Street:Port code 3465+City++11111+SE'

**GROUP 6****OPTIONAL**

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

**TDT****DETAILS OF TRANSPORT- OPTIONAL**

Function: To specify delivery method.

8051	Transport stage qualifier	M an..3	
8028	Conveyance reference number	C an..17 N	
C220	Mode of transport	C R	
8067	Mode of transport, coded	C an..3	
8066	Mode of transport	C an..17	

**USAGE NOTES****Element****Status****Codes**

8051 Mandatory  
8028 Not used  
C220 Required  
8067 Optional  
8066 Optional

20 = Main-carriage transport

---

**SEGMENT EXAMPLE**

TDT+20++30:DSV'

**GROUP 10      MANDATORY**

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

**CPS                      CONSIGNMENT PACKING SEQUENCE- MANDATORY**

Function: A unique number assigned by the sender to identify a level within a hierarchical structure. One CPS should be created for each article line. If two article lines are in same package two CPS should be created with same information on PAC segment.

7164	Hierarchical id. number	Man..12	
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**USAGE NOTES**

Element	Status	Codes
7164	Mandatory	

---

**SEGMENT EXAMPLE**

CPS+1'

## GROUP 11 OPTIONAL

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- MANDATORY

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

7224	Number of packages	C n..8 R	
C531	Packaging details	C R	
7075	Packaging level, coded	C an..3 N	
7233	Packaging related information, coded	C an..3 R	35 Type of package
C202	Package type	C R	
7065	Type of packages identification	C an..17	
1131	Code list qualifier	C an..3	
3055	Code list responsible agency, coded	C an..3	
7064	Type of packages	C an..35	Description of the form in which goods are presented

## USAGE NOTES

Element	Status	Codes
7224	Mandatory	
C531	Optional	
7075	Not used	
7233	Required	35
C202	Optional	
7065	Not used	
1131	Not used	
3055	Not used	
7064	Required	

## SEGMENT EXAMPLE

PAC+2+:35+:::Boxes'

## GROUP 11 OPTIONAL

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

### MEA MEASUREMENTS - OPTIONAL

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

6311	Measurement application qualifier	M an..3	PD Physical dimensions (product ordered)
C502	Measurement details	C R	
6313	Measurement dimension, coded	C an..3 R	AAD Total gross weight
6321	Measurement significance, coded	C an..3 R	4 Equal to
C174	Value/range	C R	
6411	Measure unit qualifier	M an..3	GRM gram KGM kilogram
6314	Measurement value	C n..18 R	

### USAGE NOTES

Element	Status	Codes
6311	Mandatory	PD
C502	Required	
6313	Required	AAD
6321	Required	4 = Equal to
C174	Required	
6411	Mandatory	GRM = gram KGM = kilogram
6314	Required	

### SEGMENT EXAMPLE

MEA+PD+AAD:4+GRM:5500'



**GROUP 13      OPTIONAL**

To specify markings and labels on individual packages or physical units.

**PCI                      PACKAGE - OPTIONAL**

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

4233	MARKING INSTRUCTIONS, CODED	C an1..3	30E
C210	MARKS & LABELS	C	Not used
7102	Shipping marks	C an1..35	Not used

**USAGE NOTES**

<b>Element</b>	<b>Status</b>	<b>Codes</b>
4233	Optional	30E

---

**SEGMENT EXAMPLE**

PCI+30E'

**GROUP 14      OPTIONAL**

To give specific identification numbers, either as single numbers or ranges.

**GIN                      PACKAGE - OPTIONAL**

Function: To give specific identification numbers, either as single numbers or ranges.

7405	Identity number qualifier	M an 3	BJ
C208	IDENTITY NUMBER RANGE		
7402	Shipping marks	C an 1..35	Identity number
7402	Shipping marks	C an 1..35	Identity number

**USAGE NOTES**

Element	Status	Codes
7405	Mandatory	BJ

---

**SEGMENT EXAMPLE**

GIN+BJ+1234567890'

## Details Section

### Line Item Details:

#### GROUP 15 MANDATORY

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

#### LIN LINE ITEM- MANDATORY

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

1082	Line item number	C n..6 R	
1229	Action request/notification, coded	C an..3 N	
C212	Item number identification	C	
7140	Item number	C an..35 R	
7143	Item number type, coded	C an..3 R	EU
1131	Code list qualifier	C an..3 N	
3055	Code list responsible agency, coded	C an..3 R	9 EAN (International Article Numbering association) EAN is now GS1

### USAGE NOTES

Element	Status	Codes
1082	Mandatory	
1229	Not used	
C212	Optional	
7140	Required	
7143	Required	EU
1131	Not used	
3055	Required	9

### SEGMENT EXAMPLE

LIN+9++7310070034901EU::9'

## GROUP 15 MANDATORY

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

### PIA ADDITIONAL PRODUCT ID- OPTIONAL

Function: A segment providing additional product identification.

Supplier's article number and Manufacturer's (producer's) article number = Product identification

Batch number and Serial number = Additional identification

4347	Product id. function qualifier	M an..3	
C212	Item number identification	M	
7140	Item number	C an..35 R	
7143	Item number type, coded	C an..3 R	

### USAGE NOTES

Element	Status	Codes
4347	Mandatory	5 = Product identification 1 = Additional identification
C212	Required	
7140	Required	
7143	Required	SA = Supplier's article number MF = Manufacturer's (producer's) article number NB = Batch number SN = Serial number BP = Buyers article number*

### SEGMENT EXAMPLE

PIA+5+1234567:SA'

## GROUP 15 MANDATORY

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

### IMD ITEM DESCRIPTION – CONDITIONAL

To describe an item in either an industry or free format.

7077	Item description type, coded	M an..3	F - Free form
7081	Item characteristic, coded	an..3	
C273	ITEM DESCRIPTION		
7009	Item description identification	an..17	
1131	Code list qualifier	an..3	
3055	Code list responsible agency, coded	an..3	
7008	Item description 1	M an..35	Description 1
7008	Item description 2	an..35	Description 2
3453	Language, coded	an..3	
7383	Surface/layer indicator, coded	an..3	

### USAGE NOTES

Element	Status	Codes
7077	Required	F – free form
7081	Not used	
C273	Not used	
7009	Not used	
1131	Not used	
3055	Not used	
7008	Required	Description 1
7008	Optional	Description 2
3453	Not used	
7383	Not used	

### SEGMENT EXAMPLE

IMD+F++:::Description 1:Description 2'

**GROUP 15            MANDATORY**

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

**QTY                    QUANTITY - CONDITIONAL**

A segment to give quantity information concerning the product.

C186	Quantity details	M	
6063	Quantity qualifier	M an..3	12 Despatch quantity
6060	Quantity	M n..15	
6411	Measure unit qualifier	C an..3	

**USAGE NOTES**

Element	Status	Codes
C186	Mandatory	
6063	Mandatory	12 = Despatch quantity
6060	Mandatory	
6411	Required	

---

**SEGMENT EXAMPLE**

QTY+12:60:PCE'

**GROUP 15                      MANDATORY**

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

**DTM                              DATE/TIME/PERIOD - OPTIONAL**

Function: A segment providing date, time information related to the line item, e.g. production date.

C507	Date/time/period	M	
2005	Date/time/period qualifier	M an..3	
2380	Date/time/period	C an..35 R	
2379	Date/time/period format qualifier	C an..3 R	102 CCYYMMDD

**USAGE NOTES**

Element	Status	Codes
C507	Mandatory	
2005	Required	361 = Best before date 36 = Expiry date 232 = Arrival date/time, scheduled* 17 = Delivery date/time estimated* 11 = Despatch date and/or time*
2380	Required	
2379	Required	102

---

**SEGMENT EXAMPLE**

DTM+361:20070813:102'

**GROUP 16      OPTIONAL**

A group of segments to give reference numbers and dates

**RFF                      REFERENCE - MANDATORY**

Function: A segment providing purchase order information related to the line item.

C506	Reference	M	
1153	Reference qualifier	M an..3	
1154	Reference number	C an..35 R	Order number
1156	Line number	C an..6 R	Reference to order line

**USAGE NOTES**

Element	Status	Codes
C506	Mandatory	
1153	Mandatory	ON = Buyer order number CT = Contract number* AEP = Project number* VN = Seller order number* DQ = Note number*
1154	Required	

---

**SEGMENT EXAMPLE**

RFF+ON:Order-12'



## GROUP 23 OPTIONAL

A group of segments identifying quantity variances, the reason for the variance, and, when relevant, date and time information

## QVR ORDERED QUANTITY - MANDATORY

Function: A segment identifying a quantity variance and the reason for the variance

C279	Quantity difference information	C R	
6064	Quantity difference	M n..15	
6063	Quantity qualifier	C an..3 R	21
4221	Discrepancy, coded	C an..3 R	BP Shipment partial - back order to follow

## USAGE NOTES

Element	Status	Codes
C279	Mandatory	
6064	Required	
6063	Required	21
4221	Required	BP = Shipment partial - back order to follow

## SEGMENT EXAMPLE

QVR+9:21+BP'

**Control total****CNT CONTROL TOTAL - OPTIONAL**

Function: A segment by which control totals may be provided by sender for checking by the receiver.

C270	Control	M	
6069	Control qualifier	M an..3 R	
6066	Control value	M n..18 R	

**USAGE NOTES**

Element	Status	Codes
C270	Mandatory	
6069	Mandatory	1 = Total value of the quantity segments at line level in a message 2 = Number of line items in message
6066	Mandatory	

---

**SEGMENT EXAMPLE**

CNT+1:9'

**Trailer Group****UNT MESSAGE TRAILER - MANDATORY**

Function: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

0074	Number of segments in a message	M n..6	
0062	Message reference number	M an..14	

**USAGE NOTES**

Element	Status	Codes
0074	Mandatory	To specify the total number of segments making up the message inclusive of the UNH and UNT segments
0062	Mandatory	To specify a unique sequential message reference number. match the corresponding 0062 element in the UNH at the beginning of the message.
segment		

---

**SEGMENT EXAMPLE**

UNT+37+54321'

**Trailer Group****UNZ MESSAGE TRAILER - MANDATORY**

Function: To end and check the completeness of a message.

0036	Interchange control count	M n..6	
0020	Interchange control reference	M an..14	

**USAGE NOTES**

Element	Status	Codes
0036	Mandatory	
0020	Mandatory	

---

**SEGMENT EXAMPLE**

UNZ+1+12345'

## Example file

```
UNA:+. ? '
UNB+UNOC:3+7300012550009:14+7350000001204:14+061010:1350+12345+++++1'
UNH+54321+DESADV:D:96A:UN:PAGERO'
BGM+351+D456327+9'
DTM+137:20070813:102'
RFF+ON:Order-12'
NAD+BY+7350000001204::9++Buyer party:Blomman+Box 123:+City++11111+SE'
NAD+SU+7350000000000::9++Supplier party:+Street:+City++12345+SE'
NAD+DP+7350000001204::9++Delivery party+Street:Port code 3465+City++11111+SE'
TDT+20++30:DSV'
CPS+1'
PAC+2+:35+:::Boxes'
MEA+PD+AAD:4+GRM:5500'
LIN+1++7310070034901:EU::9'
PIA+5+1234567:SA'
PIA+5+7654321:BP'
IMD+F++:::Crayons:12 pack'
QTY+12:6:PCE'
DTM+361:20220202:102'
DTM+361:20210401:102'
RFF+ON:Order-12'
RFF+DQ:SE1234'
QVR+9:21+BP'
CNT+1:9'
UNT+26+54321'
UNZ+1+12345'
```