

```
+-----+
!                                     !
!           Issue 4                   !
!           -----                   !
!           ENDORSED BY EDIFICE       !
!                                     !
!           June 12, 1996             !
!                                     !
+-----+
```

EDIFICE UTILISATION
OF THE
EDIFACT - DESADV MESSAGE
(DESPATCH ADVICE MESSAGE)

Copyright (c) EDIFICE 1996

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without prior permission of EDIFICE.

Notwithstanding the fact that the utmost care has been observed in the collecting, drawing up and formulating of data, EDIFICE can under no circumstances be held liable for errors, omissions or misinterpretations as a result of the information compiled in the guidelines.

EDIFICE
Electronic Data Interchange Forum for companies
with Interests in Computing and Electronics
c/o ADC-Admin
Tiensestraat 2
B-3320 Hoegaarden
Belgium
Tel: +32 16 76 54 40
Fax: +32 16 76 53 58
Internet: Dora.Cresens@pophost.eunet.be

TABLE OF CONTENTS

TITLE	PAGE
COMPARISON TO PREVIOUS ISSUE	2
FUNCTIONAL DEFINITION	3
REFERENCES	5
EXPLANATORY NOTES	5
MESSAGE DIAGRAM	7
UNH MESSAGE HEADER	9
BGM BEGINNING OF MESSAGE	10
DTM DATE/TIME/PERIOD	11
MEA MEASUREMENTS	12
MOA MONETARY AMOUNT	13
SEGMENT GROUP 1	14
RFF REFERENCE	15
DTM DATE/TIME/PERIOD	16
SEGMENT GROUP 2	17
NAD NAME AND ADDRESS	18
SEGMENT GROUP 3	20
RFF REFERENCE	21
SEGMENT GROUP 4	22
CTA CONTACT INFORMATION	23
COM COMMUNICATION CONTACT	24
SEGMENT GROUP 5	25
TOD TERMS OF DELIVERY OR TRANSPORT	26
LOC PLACE/LOCATION IDENTIFICATION	27
SEGMENT GROUP 6	28
TDT DETAILS OF TRANSPORT	29
SEGMENT GROUP 7	31
LOC PLACE/LOCATION IDENTIFICATION	32
DTM DATE/TIME/PERIOD	33
SEGMENT GROUP 8	34
EQD EQUIPMENT DETAILS	35
SEL SEAL NUMBER	36
SEGMENT GROUP 10	37
CPS CONSIGNMENT PACKING SEQUENCE	39
SEGMENT GROUP 11	40
PAC PACKAGE	41
MEA MEASUREMENTS	43
QTY QUANTITY	44
SEGMENT GROUP 12	45
HAN HANDLING INSTRUCTIONS	46
SEGMENT GROUP 13	47
PCI PACKAGE IDENTIFICATION	48
RFF REFERENCE	49
SEGMENT GROUP 14	50
GIN GOODS IDENTITY NUMBER	51
SEGMENT GROUP 15	52
LIN LINE ITEM	54
PIA ADDITIONAL PRODUCT ID	55
IMD ITEM DESCRIPTION	57
MEA MEASUREMENTS	58
QTY QUANTITY	59
ALI ADDITIONAL INFORMATION	60
GIN GOODS IDENTITY NUMBER	61
MOA MONETARY AMOUNT	62
SEGMENT GROUP 16	63
RFF REFERENCE	64
DTM DATE/TIME/PERIOD	65
UNT MESSAGE TRAILER	66
EXAMPLES	67

COMPARISON TO PREVIOUS ISSUE

This release include the changes that have been made to the issue 3 document endorsed by the EDIFICE Plenary on 30/11/94.

The changes are as follows:-

Upgrade of the message, segments and data elements to conform to the D96A in order to directory support the Customs scenario.

A monetary amount segment (MOA) has been added to both the header section and the detail section (SG15) of the message. This has been done to provide the consignee with the monetary information that they would need to prepare customs clearance procedures.

The following segments have been modified to comply with the D96A directory: MEA, NAD, TDT, EQD, SEL, PAC, PCI, and LIN.

The Functional Definition section, first paragraph, now includes text to cover the preparation for customs clearance procedure.

Additional references have been added to the RFF segment in SG1.

UN/ECE Recommendation No.19: Codes for Mode of Transport - Code numbers changed.

Example 1 in the Examples section has been rewritten.

FUNCTIONAL DEFINITION

The Despatch Advice is defined as a logistics transaction message sent by the consignor and is intended to advise the consignee of the despatch of goods and the detailed contents of the consignment, to enable the receiving location to control the incoming material flow and prepare customs clearance procedures.

The message relates to a single consignment, a single despatch point and a single destination point, with one set of delivery terms. It may cover a number of different items or packages.

The Despatch Advice message relates to one buyer and one seller. It should always be sent by the seller to the buyer before the goods are physically delivered. This makes it possible for the buyer to know when the goods have been despatched, or will be despatched, and use the data to prepare efficiently for the reception of the goods. The message can also be used by the seller to indicate to the buyer that the goods are ready to be collected (an EXWORKS trade scenario), or if the goods are Returns.

The Despatch Advice message holds precise details of the shipment.

Each unit delivered e.g. pallet, carton, should be uniquely identified. In the Despatch Advice message, the products contained in each uniquely identified unit are described. When the goods are received, the physical shipment and the electronic message can be cross-checked e.g. by barcode scanning. Discrepancies can be immediately identified, and these may be transmitted back to the seller by use of the Receiving Advice (RECADV) message.

The message enables a hierarchical description of the shipment, starting with the highest level (shipment) and ending with the lowest level (items). One can for example describe a container comprising 5 pallets, a pallet being composed of several large despatch units which themselves contain smaller despatch units. The traded units (any level of packaging agreed by the trading partners) are then specified. It is however not mandatory to describe the hierarchical structure of the shipment. As such, the simplest use of the message consists of specifying the items to be despatched, or collected, and the relevant information per item such as quantity and description. Please refer to the examples at the back of this document.

Additional principles that apply to the Despatch Advice message are:-

- * Part numbers are used to identify the product that is being despatched. Where this is not sufficient, the part must be identified by providing a clear description.
- * References pertaining to the goods are specified only at one level, normally within the detail section. Where the information is applicable to the whole despatch advice, it can be sent in the header section, in which case it should not be sent at the detail level.

FUNCTIONAL DEFINITION (continued)

- * Total shipment weights, volume and number of unit loads should be specified in the header section of the message i.e. in the MEA segment below the BGM.
- * Business practices reflect two possible ways of describing the contents of the shipment; by the physical packaging, or by the products (with package information related to each product). The physical packaging logic describes package per package starting from the outer packages and ending with the inner packages. The product(s) are identified at the lowest level of the packaging. The product logic describes per product (with related package information).
It is recommended that users of this guide adopt the Package logic to describe the contents of the despatch advice.
- * The segment groups, segments and data elements which are labelled with 'O' (optional) should be used only if the information they contain cannot be incorporated in the business or commercial agreements. The use of 'O' (optional) must be agreed between trading partners.

It is recognised that information pertaining to the goods and or the transport of the goods, may change after the initial message has been sent. Under the International Custom's Regulations - and subsequently the International Law's of Trade and Commerce - CHANGES (of the contents) of "Accountable Data and/or Documents" are prohibited. Instead, CANCELLATION (of the entire document) and REPLACEMENT (by a new document) are imperative. All Accountable Documents - including the cancelled ones - have to be safeguarded for a period of at least 5 years or longer, depending on national prescriptions.

To accommodate these scenarios, both 'replace' and 'cancellation' message types are catered for by use of BGM, DE 1225.

REFERENCES

UNSM Despatch advice message

Version D, Release 96A, Status 2, Revision 5, Date 95-11-27

EDIFACT STANDARD DATA SEGMENT DIRECTORY D.96A

EDIFACT CODE LIST D.96A

EDIFICE Utilisation of the EDIFACT Service Segments, Issue 2

EDIFICE Physical Distribution EDI Implementation Kit, Issue 1

ISO 9735 : 1988 (E) EDIFACT - APPLICATION LEVEL SYNTAX RULES,

FIRST EDITION : 1988-07-15

AMENDED AND REPRINTED : 1990-11-15

ISO 3166 Codes for the representation of names of countries.

UN/ECE RECOMMENDATION No.5 : Incoterms 1990.

UN/ECE RECOMMENDATION No.16: UNLOCODE.

UN/ECE RECOMMENDATION No.19: Codes for Mode of Transport (94-11-28)

UN/ECE RECOMMENDATION No.20: Codes for Units of Measurement.

UN/ECE RECOMMENDATION No.21: Codes for Types of Cargo, Packages and

Packaging Materials.

UNTDDED 5.9 p2 CIMP

EXPLANATORY NOTES

The following abbreviations are used within this document:

DE = Data Element

CO = Composite Data Element

SG = Segment Group

The following codes are used to indicate, in a more detailed and precise way than EDIFACT, the usage of the data concerned in the Guidelines:

EDIFACT	Joint Association
-----	-----
M (Mandatory)	M (Mandatory)
C (Conditional)	R (Required)
C (Conditional)	D (Depending)
C (Conditional)	A (Advised)
C (Conditional)	O (Optional)
C (Conditional)	X (Not used)

Mandatory = EDIFACT dictates that the Data Element or Segment must be present.

Required = Members agree that the data concerned must be sent.

EXPLANATORY NOTES continued:

- Depending = The data concerned must be sent if a particular defined condition or set of conditions exists. The associated conditions must be explained at the appropriate level of detail.
- Advised = Indicates that the RECEIVER of the message would prefer the data concerned to be sent, but does not require its transmission.
- Optional = Indicates that the transmission of the data concerned is at the need or discretion of the SENDER, i.e. it is not required by the receiver in order to perform its business function. The use of 'O' must be agreed between trading partners.
- Not Used = The Data Element or Segment will not be used.

Where a Composite Data Element is indicated as Not Used, the column 'usage status' for the Component Data Elements will remain blank.

The number of occurrences shown in the message diagram indicates the required or maximum number of occurrences for the utilisation.

The usage status and number of occurrences for segments or segment groups will be represented analogue to the representation of data elements e.g.:

- R3 The segment or group is required 3 times (fixed number)
- R..3 The segment or group is required up to 3 times (maximum number)

Within this document references are made to 'Delivery instructions' Delivery instructions and Delivery schedule are to be looked at as being the same.

The following table indicates the number of integer and decimal digits to be used for numeric data elements when needed:

Numeric Class	Repr: Digits	Integer Digits	Decimals
Dimensions	n..18	15	3
Quantities	n..15	12	3
Volumes	n..18	15	3
Weights	n..18	15	3
Unit Prices	n..15	11	4
Amounts	n..18	15	3
Currency Rates	n..12	6	6
Percentages	n..8	3	5

Consistent use of the date/time/period format should be adhered to throughout the entire document.

MESSAGE DIAGRAM

UNH	Message header	M1	
BGM	Beginning of message	M1	
DTM	Date/time/period	R..3	
MEA	Measurements	A..4	
MOA	Monetary amount	O..5	
--- Segment Group 1 ----- D..10 -----+ !			
RFF	Reference	M1	!
DTM	Date/time/period	O1	-----+ !
--- Segment Group 2 ----- R..10 -----+ !			
NAD	Name and address	M1	!
--- Segment Group 3 ----- O..2 -----+ !			
RFF	Reference	M1	-----+ !
--- Segment Group 4 ----- O1 -----+ !			
CTA	Contact information	M1	! !
COM	Communication contact	O..4	-----+ !
--- Segment Group 5 ----- O..10 -----+ !			
TOD	Terms of delivery or transport	M1	!
LOC	Place/location identification	D1	-----+ !
--- Segment Group 6 ----- D..5 -----+ !			
TDT	Details of transport	M1	!
--- Segment Group 7 ----- O..6 -----+ !			
LOC	Place/location identification	M1	! !
DTM	Date/time/period	A..2	-----+ !
--- Segment Group 8 ----- O..10 -----+ !			
EQD	Equipment details	M1	!
SEL	Seal number	D..3	-----+ !
--- Segment Group 10 ----- D..9999 -----+ !			
CPS	Consignment packing sequence	M1	!
--- Segment Group 11 ----- A..10 -----+ !			
PAC	Package	M1	! !
MEA	Measurements	O..6	! !
QTY	Quantity	R1	! !
--- Segment Group 12 ----- D..10 -----+ ! !			
HAN	Handling instructions	M1	-----+ ! !
--- Segment Group 13 ----- A1 -----+ ! !			
PCI	Package identification	M1	! ! !
RFF	Reference	A1	! ! !
--- Segment Group 14 ----- D1 -----+ ! ! !			
GIN	Goods identity number	M1	-----+ ! ! !

MESSAGE DIAGRAM (continued)

```
--- Segment Group 15 ----- D..9999 -----+ !
LIN  Line item                      M1                      ! !
PIA  Additional product id          D..2                     ! !
IMD  Item description               O1                       ! !
MEA  Measurements                   O1                       ! !
QTY  Quantity                       R1                       ! !
ALI  Additional information          O1                       ! !
GIN  Goods identity number          A..100                   ! !
MOA  Monetary amount                O1                       ! !
                                           ! !
--- Segment Group 16 ----- A..5 -----+ ! !
RFF  Reference                      M1                       ! ! !
DTM  Date/time/period               O1 -----+ + +
UNT  Message trailer                 M1
```

UNH MESSAGE HEADER

Function: To head, identify and specify a message.
Usage : M1
Remarks :

Ref. Rep.	Name	!	UTILISATION
0062 an..14	M MESSAGE REFERENCE NUMBER	!M!	See Note 1
S009	M MESSAGE IDENTIFIER	!M!	
0065 an..6	M Message type identifier	!M!	'DESADV'
0052 an..3	M Message type version number	!M!	'D'
0054 an..3	M Message type release number	!M!	'96A'
0051 an..2	M Controlling agency	!M!	'UN'
0057 an..6	C Association assigned code	!R!	'ED4'
0068 an..35	C COMMON ACCESS REFERENCE	!X!	
S010	C STATUS OF THE TRANSFER	!X!	
0070 n..2	M Sequence message transfer number	!M!	
0073 a1	C First/last sequence message transfer indication	!M!	

-----+-----
Note 1 DE 0062 MESSAGE REFERENCE NUMBER
This reference number must also be in the UNT segment of this message.

BGM BEGINNING OF MESSAGE

Function: To indicate the beginning of the Despatch Advice message; the type of transaction being performed, and the function of the message. It is also used to transmit the shipment number.

Usage : M1

Remarks : Cancellation:

When DE 1225 contains '1' then only the BGM, the following DTM and the NAD segments need be sent in the message.

The document number used in data element 1004 must be the same as in the original message.

Replace:

When DE 1225 contains '5' it has the effect of cancelling the original message and replacing it with this, so the entire message must be sent. The document number used in data element 1004 must be the same as in the original message.

Ref. Rep.	Name	!	UTILISATION
		!!	
C002	C DOCUMENT/MESSAGE NAME	!R!	
1001 an..3	C Document/message name, coded	!R!	See Note 1
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	! !	
1000 an..35	C Document/message name	!X!	
		! !	
1004 an..35	C DOCUMENT/MESSAGE NUMBER	!R!	See Note 2
		! !	
1225 an..3	C MESSAGE FUNCTION, CODED	!R!	See Note 3
		! !	
4343 an..3	C RESPONSE TYPE, CODED	!X!	
		! !	

Note 1: DE 1001 Document/message name, coded
One value is required. The allowed values are:-
'345' Ready for despatch advice
Used in business scenarios where the Seller/Shipper indicates to the Buyer that the goods are ready to be collected i.e. EXWORKS trade terms.
'351' Despatch advice
'35R' Returns
Use this code until EDIFACT makes one available.

Note 2: DE 1004 DOCUMENT/MESSAGE NUMBER
The recommendation is that the Shipment Number be used to uniquely identify the Despatch Advice. The shipment number is a unique number, created by the supplying company, which will be used to identify the shipment from the supplier through to the receiving location's receipt validation step.

Note 3: DE 1225 MESSAGE FUNCTION, CODED
'1' Cancellation
'5' Replace
'9' Original

DTM DATE/TIME/PERIOD

Function: To provide a date (or dates and times) relevant to the whole despatch advice.

Usage : R..3

Remarks : All dates and times are local dates and times to the place of activity being described. It is required to specify the date of issue of the message.

Ref. Rep.	Name	!	UTILISATION
		! !	
C507	M DATE/TIME/PERIOD	!M!	
2005 an..3	M Date/time/period qualifier	!M!	See Note 1
2380 an..35	C Date/time/period	!R!	
2379 an..3	C Date/time/period format qualifier	!R!	See Note 2
		! !	

Note 1: DE 2005 Date/time/period qualifier
'137' Document/message date/time
(e.g. date of issue of the message.
This is a mandatory value.)

Please ensure that codes selected for use are compatible with the coded message type within DE1001 in BGM segment.
The following codes can be used with value '351' and '35R' in DE1001:-
'11' Despatch date/time
'17' Delivery date/time, estimated
'132' Arrival date/time, estimated
Date/time when carrier estimates when a means of transport should arrive at port of discharge or place of destination.
'133' Departure date/time, estimated
Date/time when a carrier estimates that a means of transport should depart at the place of departure.

The following code should be used with value '345' in DE1001:-
'200' Pick-up/collection date/time of cargo
(used by the seller to indicate to the buyer when the goods can be collected from the seller's premises.)

Note 2: DE 2379 Date/time/period format qualifier
'101' YYMMDD
'102' CCYYMMDD
'201' YYMMDDHHMM
'203' CCYYMMDDHHMM

MEA MEASUREMENTS

Function: To specify weights, volume and quantity of shipment unit loads of the entire shipment.

Usage : A..4
Remarks :

Ref. Rep.	Name	!	UTILISATION
6311 an..3	M MEASUREMENT APPLICATION QUALIFIER	! !	!M! See Note 1
C502	C MEASUREMENT DETAILS	!R!	
6313 an..3	C Measurement dimension, coded	!R!	!M! See Note 2
6321 an..3	C Measurement significance, coded	!X!	
6155 an..3	C Measurement attribute, coded	!X!	
6154 an..70	C Measurement attribute	!X!	
C174	C VALUE/RANGE	!R!	
6411 an..3	M Measure unit qualifier	!M!	!M! See Note 3
6314 n..18	C Measurement value	!R!	
6162 n..18	C Range minimum	!X!	
6152 n..18	C Range maximum	!X!	
6432 n..2	C Significant digits	!X!	
7383 an..3	C SURFACE/LAYER INDICATOR, CODED	!X!	

Note 1: DE 6311 MEASUREMENT APPLICATION QUALIFIER
 'CT' Counts
 'VOL' Volumes
 'WT' Weights

Note 2: DE 6313 MEASUREMENT DIMENSION, CODED
 'AAC' Total net weight
 'AAD' Total gross weight
 'AAW' Gross volume
 'SQ' Shipped quantity

Note 3: DE 6411 MEASURE UNIT QUALIFIER
 'KGM' Kilogram
 'MTQ' Cubic Metres
 'NMP' Number of packs
 'LBS' Pounds

MOA MONETARY AMOUNT

Function: To specify monetary amounts for the whole despatch
required by the consignee to prepare customs clearance
procedures.

Usage : 0..5

Remarks :

Ref. Rep.	Name	!	UTILISATION
C516	M MONETARY AMOUNT	! !	
5025 an..3	M Monetary amount type qualifier	!M! ! !	See Note 1
5004 n..18	C Monetary amount	!R!	
6345 an..3	C Currency, coded	!R!	See ISO 4217, 3 alpha code
6343 an..3	C Currency qualifier	!X!	
4405 an..3	C Status, coded	!X!	

Note 1: DE 5025 Monetary amount type qualifier
'39' Invoice total amount
'43' Declared total Customs value
'49' Development necessary for production of imported
goods (Customs)
'68' Insurance and transport charges (Customs)
'81' Loading and handling cost
'107' Packing cost (Customs)
'127' Tools used in production of imported goods (Customs)
'157' Insurance value

SEGMENT GROUP 1

Function: A group of segments for referencing documents and their dates relating to the whole Despatch Advice.

Usage : D..10

Remarks : Normally references are specified at the line item level. Where the information refers to the whole Despatch Advice it must be in Segment Group 1. Where the information is not the same in every line item (LIN) it must appear in every SG 16, and not here.

--- Segment Group 1 ----- D..10 -----+
RFF Reference M1 !
DTM Date/time/period O1 -----+

RFF REFERENCE

Function: To specify a reference relating to the whole of the Despatch Advice.

Usage : M1

Remarks :

Ref. Rep.	Name	!	UTILISATION
C506	M REFERENCE	! !	
1153 an..3	M Reference qualifier	!M!	See Note 1
1154 an..35	C Reference number	!R!	As specified by DE 1153
1156 an..6	C Line number	!X!	
4000 an..35	C Reference version number	!X!	

- Note 1: DE 1153 REFERENCE QUALIFIER
- 'AAN' Delivery schedule number
 - 'AEE' Eur 1 certificate number
 - 'AWB' Air waybill number
 - 'BM' Bill of lading number
 - 'CMR' Road consignment note number
 - 'CT' Contract number
 - 'IP' Import license number
 - 'LC' Letter of credit number
 - 'ON' Order number (purchase)
 - 'GSP' Certificate of origin form GSP
Use this code until EDIFACT makes one available
 - 'HWB' House waybill number
 - 'IV' Invoice number
 - 'PK' Packing list number
 - 'UCN' Unique consignment reference number
 - 'VN' Order number (vendor)

SG1

HEADER

DTM DATE/TIME/PERIOD

Function: To indicate the date of the reference specified in the
previous RFF segment, e.g. date of referenced purchase order.

Usage : 01

Remarks : All dates and times are local.

Ref. Rep.	Name	!	UTILISATION
C507	M DATE/TIME/PERIOD	! !	
2005 an..3	M Date/time/period qualifier	!M! ! !	'171' Reference date/time
2380 an..35	C Date/time/period	!R!	
2379 an..3	C Date/time/period format qualifier	!R! ! !	See Note 1

Note 1: DE 2379 Date/time/period format qualifier
 '101' YYMMDD
 '102' CCYYMMDD
 '201' YYMDDHHMM
 '203' CCYYMDDHHMM

SEGMENT GROUP 2

Function: A group of segments identifying names, addresses, and contacts relevant to the whole Despatch Advice.

Usage : R..10

Remarks : The address of the buyer (BY) and seller (SE) must be present. If the goods are being delivered by, or to a different party then they are represented as the consignor (CZ) and the consignee (CN), and the respective NADs must be present.

It is also possible that the address from which the shipment is actually made, or delivered to, is different to the address of the SE/CZ or the BY/CN. In this case NADs must be present for the 'ship from' (SF) and 'ship to' (DP) codes.

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.

---	Segment Group	2	-----	R..10	-----	+
NAD	Name and address		M1			!
						!
---	Segment Group	3	-----	O..2	-----	!
RFF	Reference		M1			!
						!
---	Segment Group	4	-----	O1	-----	!
CTA	Contact information		M1			!!
COM	Communication contact		O..4			++

NAD NAME AND ADDRESS

Function: To specify the identification/name/address of the parties involved in the Despatch Advice.

Usage : M1

Remarks : EDIFICE advises that the party identification composite element (C082) be used. When C082 cannot be used EDIFICE recommends using the structured name and address (C080 through 3207) rather than the unstructured one (C058).

Ref.	Rep.	Name	!	UTILISATION
3035	an..3	M PARTY QUALIFIER	!M!	See Note 1
C082		C PARTY IDENTIFICATION DETAILS	!A!	
3039	an..35	M Party id identification	!M!	Code identifying the party
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!R!	See Note 2
C058		C NAME AND ADDRESS	!D!	
3124	an..35	M Name and address line	!M!	
3124	an..35	C Name and address line	!O!	
3124	an..35	C Name and address line	!O!	
3124	an..35	C Name and address line	!O!	
3124	an..35	C Name and address line	!O!	
C080		C PARTY NAME	!D!	
3036	an..35	M Party name	!M!	
3036	an..35	C Party name	!O!	
3036	an..35	C Party name	!O!	
3036	an..35	C Party name	!O!	
3036	an..35	C Party name	!O!	
3045	an..3	C Party name format, coded	!O!	
C059		C STREET	!D!	
3042	an..35	M Street and number/p.o. box	!M!	
3042	an..35	C Street and number/p.o. box	!O!	
3042	an..35	C Street and number/p.o. box	!O!	
3164	an..35	C CITY NAME	!D!	
3229	an..9	C COUNTRY SUB-ENTITY IDENTIFICATION	!D!	
3251	an..9	C POSTCODE IDENTIFICATION	!D!	
3207	an..3	C COUNTRY, CODED	!D!	Use ISO 3166 2 alpha codes

NAD NAME AND ADDRESS (continued)

- Note 1: DE 3035 PARTY QUALIFIER
- 'AA' Party to be billed (AAR Accounting rule 11)
 - 'AK' Acknowledgement recipient
 - 'BS' Bill and ship to
 - 'BY' Buyer
 - 'CN' Consignee
 - 'CZ' Consignor
 - 'DP' Delivery party
This is the 'ship to' address.
 - 'FW' Freight forwarder
 - 'NI' Notify party
 - 'SF' Ship from
 - 'SE' Seller
- Note 2: DE 3055 CODE LIST RESPONSIBLE AGENCY, CODED
- '9' EAN (International Article Numbering association)
 - '16' DUNS (Dun & Bradstreet)
 - '91' Assigned by seller or seller's agent
 - '92' Assigned by buyer or buyer's agent

SG 2

HEADER

SEGMENT GROUP 3

Function: A segment group to indicate references to the party identified
 in the previous NAD segment.

Usage : 0..2

Remarks :

--- Segment Group 4 ----- 0..2 -----+
RFF Reference M1 -----+

RFF REFERENCE

 Function: To identify company specific references e.g. the VAT registration number of the party or company registration number.

Usage : M1

Remarks :

Ref. Rep.	Name	!	UTILISATION
-----+-----			
		! !	
C506	M REFERENCE	!M!	
1153 an..3	M Reference qualifier	!M!	See Note 1
1154 an..35	C Reference number	!R!	
1156 an..6	C Line number	!X!	
4000 an..35	C Reference version number	!X!	
-----+-----			

Note 1: DE 1153 REFERENCE QUALIFIER
 'VA' VAT registration number
 'GN' Government reference number

SG 2

HEADER

SEGMENT GROUP 4

Function: A group of segments to identify the people, functions,
departments and appropriate numbers to whom communications
should be directed.

Usage : 01

Remarks : The use of this segment group is strongly discouraged.
Whilst realising the questionable value of exchanging
such information it is accepted that some members may have
agreed to do this in their Trading Partner Agreements and may
wish to continue this practice.

--- Segment Group 4 -----		01 -----	-----+
CTA	Contact information	M1	!
COM	Communication contact	O..4	-----+

CTA CONTACT INFORMATION

Function: To identify the person, function or department to whom
communication should be directed.

Usage : M1

Remarks :

Ref.	Rep.	Name	!	UTILISATION
3139	an..3	C CONTACT FUNCTION, CODED	!R!	'IC' Information contact
C056		C DEPARTMENT OR EMPLOYEE DETAILS	!R!	See Note 1
3413	an..17	C Department or employee identification	!D!	
3412	an..35	C Department or employee	!D!	

Note 1: DE C056 DEPARTMENT OR EMPLOYEE DETAILS
If a code is available use DE 3413, otherwise use DE 3412.

COM COMMUNICATION CONTACT

Function: To identify communication numbers of a department or a person
to whom communication should be directed.

Usage : 0..4

Remarks :

Ref. Rep.	Name	!	UTILISATION
C076	M COMMUNICATION CONTACT	! !	
3148 an..512	M Communication number	!M!	
3155 an..3	M Communication channel qualifier	!M! See Note 1 ! !	

Note 1: DE 3155 COMMUNICATION CHANNEL QUALIFIER
'EM' Electronic mail
'FX' Telefax
'TE' Telephone
'TL' Telex

SG5

HEADER

SEGMENT GROUP 5

Function: A group of segments indicating terms of delivery.
Usage : 0..10
Remarks : To be used only if it is necessary to confirm the terms of
delivery and the relevant location points, or to indicate
a change in the method of payment for the transport charges.

---	Segment Group	5	-----	0..10	-----	+
TOD	Terms of Delivery			M1		!
LOC	Place/location identification			D1	-----	+

TOD TERMS OF DELIVERY OR TRANSPORT

Function: To indicate the terms of delivery and transport charge method for the whole despatch advice.

Usage : M1

Remarks :

Ref. Rep.	Name	!	UTILISATION
4055 an..3	C TERMS OF DELIVERY FUNCTION, CODED	! !	'6' Delivery condition
4215 an..3	C TRANSPORT CHARGES METHOD OF PAYMENT, CODED	!O!	See Note 1
C100	C TERMS OF DELIVERY OR TRANSPORT	! !	See Note 2
4053 an..3	C Terms of delivery or transport, coded	! !	
1131 an..3	C Code list qualifier	!D!	
3055 an..3	C Code list responsible agency, coded	! !	
4052 an..70	C Terms of delivery or transport	! !	
4052 an..70	C Terms of delivery or transport	!X!	

Note 1: DE 4215 TRANSPORT CHARGES METHOD OF PAYMENT, CODED
 'CC' Collect
 A shipment on which freight charges will be paid by consignee.
 'PP' Prepaid (by seller)

Note 2: CO C100 TERMS OF DELIVERY OR TRANSPORT
 Use UN/ECE Recommendation No.5 Incoterms 1990 (see next table). If not applicable, use code from another appropriate code set in DE 4053 in combination with DE 1131/3055.

Incoterms code list:

Group E - Departure	EXW	Ex Works
Group F - Main carriage unpaid	FCA	Free carrier
	FAS	Free alongside ship
	FOB	Free on board
Group C - Main carriage paid	CFR	Cost and freight
	CIF	Cost, insurance and freight
	CPT	Carriage paid to
	CIP	Carriage and insurance paid to
Group D - Arrival	DAF	Delivered at frontier
	DES	Delivered ex ship
	DEQ	Delivered ex quay
	DDU	Delivered duty unpaid
	DDP	Delivered duty paid

LOC PLACE/LOCATION IDENTIFICATION

Function: To specify a location or place relevant to the TOD segment.
Usage : D1
Remarks : This segment is only used if the terms of delivery specified in the previous TOD segment require a named location/place for the terms of delivery ('F' & 'C').

Table with columns: Ref. Rep., Name, !, UTILISATION. It lists various codes and their descriptions, such as '3227 an..3 M PLACE/LOCATION QUALIFIER' and 'C517 C LOCATION IDENTIFICATION'.

Note 1: DE 3225 Place/location identification
Use UN/ECE Recommendation No.16: UNLOCODE.
If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.

Note 2: DE 3055 Code list responsible agency, coded
examples of codes are:-
'3' IATA (International Air Transport Association)
'91' Assigned by seller or seller's agent
'92' Assigned by buyer or buyer's agent

SG6

HEADER

SEGMENT GROUP 6

Function: A group of segments to specify the stage of the transport,
details of the Carrier, the mode of transport, and
identification of the transport.

Usage : D..5

Remarks : The segment group must be used if the shipment has occurred i.e.
if the code used in the BGM DE 1001 is '351'. If the code used in
DE 1001 is '345' (ready for despatch) then this is an optional
segment group.
The segment group will be repeated for specifying the mode of
transportation for successive stages e.g. road, air.
When required, carrier identification and name may be given
in TDT C040.

---	Segment Group	6	-----	D..5	-----	+
TDT	Details of transport		M1			!
						!
---	Segment Group	7	-----	O..5	-----	+
LOC	Place/location identification		M1			!!
DTM	Date/time/period		A..2	-----	-----	++

TDT DETAILS OF TRANSPORT

Function: To specify the mode of transport, the identification of the means of transport, and if necessary the Carrier information.
 Usage : M1
 Remarks : DE 8028 may be used to reference a current transport stage as identified in DE 8051, if this information is already known e.g. flight number.
 Identification such as vehicle licence plate number may be provided in C222 DE 8212.

Ref.	Rep.	Name	!	UTILISATION
8051	an..3	M TRANSPORT STAGE QUALIFIER	! !	See Note 1
8028	an..17	C CONVEYANCE REFERENCE NUMBER	! !	Used for Flight or Voyage no.
C220		C MODE OF TRANSPORT	!R!	
8067	an..3	C Mode of transport, coded	!R!	See Note 2
8066	an..17	C Mode of transport	!X!	
C228		C TRANSPORT MEANS	!X!	
8179	an..8	C Type of means of transport identification	! !	
8178	an..17	C Type of means of transport	! !	
C040		C CARRIER	!A!	
3127	an..17	C Carrier identification	!A!	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	! !	See Note 3
3128	an..35	C Carrier name	!D!	Used if no coded name exchanged in DE 3127
8101	an..3	C TRANSIT DIRECTION, CODED	!X!	
C401		C EXCESS TRANSPORTATION INFORMATION	!X!	
8457	an..3	M Excess transportation reason, coded	! !	
8459	an..3	M Excess transportation responsibility, coded	! !	
7130	an..17	C Customer authorization number	! !	
C222		C TRANSPORT IDENTIFICATION	!A!	
8213	an..9	C Id. of means of transport identification	!X!	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	! !	
8212	an..35	C Id. of the means of transport	!R!	Vessel name or vehicle licence number.
8453	an..3	C Nationality of means of transport, coded	!O!	Use ISO 3166 2 alpha code.
8281	an..3	C TRANSPORT OWNERSHIP, CODED	!X!	

TDT DETAILS OF TRANSPORT (continued)

Note 1: DE 8051 TRANSPORT STAGE QUALIFIER

- '10' Pre-carriage transport
- '12' At departure
- '13' At destination
- '20' Main-carriage transport
- '30' On-carriage transport

Note 2: DE 8067 Mode of transport, coded

The following codes are taken from the UN/ECE Recommendation No.19

- '1' Maritime transport
- '2' Rail transport
- '3' Road transport
- '4' Air transport
- '5' Mail
- '6' Multimodal transport

Note 3: DE 3055 Code list responsible agency, coded

- '3' IATA (International Air Transport Association)
- '11' Lloyd's register of shipping
- '91' Assigned by seller or seller's agent
- '92' Assigned by buyer or buyer's agent
- '166' US, National Motor Freight Classification Association

SG 6

HEADER

SEGMENT GROUP 7

Function: A group of segments to specify the location information
 applying to the transportation.

Usage : 0..6

Remarks :

---	Segment Group	7	-----	0..6	-----	+
LOC	Place/location identification		M1			!
DTM	Date/time/period		A..2	-----		+

LOC PLACE/LOCATION IDENTIFICATION

Function: To identify the location.
Usage : M1
Remarks :

Ref. Rep.	Name	!	UTILISATION
3227 an..3	M PLACE/LOCATION QUALIFIER	! !	See Note 1
C517	C LOCATION IDENTIFICATION	!R!	See Note 2
3225 an..25	C Place/location identification	!R!	
1131 an..3	C Code list qualifier	!D!	
3055 an..3	C Code list responsible agency, coded	!D!	
3224 an..17	C Place/location	!X!	
C519	C RELATED LOCATION ONE IDENTIFICATION	!X!	
3223 an..25	C Related place/location one identification	! !	
1131 an..3	C Code list qualifier	! !	
3055 an..3	C Code list responsible agency, coded	! !	
3222 an..70	C Related place/location one	! !	
C553	C RELATED LOCATION TWO IDENTIFICATION	!X!	
3233 an..25	C Related place/location two identification	! !	
1131 an..3	C Code list qualifier	! !	
3055 an..3	C Code list responsible agency, coded	! !	
3232 an..70	C Related place/location two	! !	
5479 an..3	C RELATION, CODED	!X!	

Note 1: DE 3227 PLACE/LOCATION QUALIFIER
 '5' Place of departure
 '7' Place of delivery
 '8' Place of destination
 '13' Place of transshipment
 '15' Place of transfer responsibility
 '24' Port of entry

Note 2: CO C517 LOCATION IDENTIFICATION
 Use UN/ECE Recommendation No.16:UNLOCODE. If not applicable use codes from another appropriate code set in combination with DE 1131/3055.

DTM DATE/TIME/PERIOD

Function: To specify a date/time of departure and/or arrival of the transported goods for the specific location.

Usage : A..2

Remarks : All dates and times are local to the place of the activity being described.

Ref. Rep.	Name	!	UTILISATION
C507	M DATE/TIME/PERIOD	! !	
2005 an..3	M Date/time/period qualifier	!M! ! !	See Note 1
2380 an..35	C Date/time/period	!R!	
2379 an..3	C Date/time/period format qualifier	!R! ! !	See Note 2

Note 1: DE 2005 Date/time/period qualifier
 '11' Despatch date/time
 '17' Delivery date/time, estimated
 '132' Arrival date/time, estimated
 Date/time when carrier estimates when a means of transport should arrive at port of discharge or place of destination.
 '133' Departure date/time, estimated
 Date/time when a carrier estimates that a means of transport should depart at the place of departure.
 '200' Pick-up/collection date/time of cargo

Note 2: DE 2379 Date/time/period format qualifier
 '101' YYYYMMDD
 '102' CCYYMMDD
 '201' YYYYDDHHMM
 '203' CCYYMMDDHHMM

SG8

HEADER

SEGMENT GROUP 8

Function: A group of segments to specify the material handling
equipment used for the transportation of goods in the
whole despatch.

Usage : 0..10

Remarks : In general material handling equipment is always supplied by
the haulier/carrier.

```
--- Segment Group 8 ----- O..10 -----+
EQD Equipment details          M1          !
SEL Seal number                D..3 -----+
```

EQD EQUIPMENT DETAILS

Function: To identify a unit of equipment, e.g. container.
 Usage : M1
 Remarks :

Ref.	Rep.	Name	!	UTILISATION
8053	an..3	M EQUIPMENT QUALIFIER	!M!	See Note 1
C237		C EQUIPMENT IDENTIFICATION	!A!	
8260	an..17	C Equipment identification number	!R!	
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
3207	an..3	C Country, coded	!X!	
C224		C EQUIPMENT SIZE AND TYPE	!O!	
8155	an..10	C Equipment size and type identification	!R!	See EDIFACT code list
1131	an..3	C Code list qualifier	!X!	
3055	an..3	C Code list responsible agency, coded	!X!	
8154	an..35	C Equipment size and type	!X!	
8077	an..3	C EQUIPMENT SUPPLIER, CODED	!X!	
8249	an..3	C EQUIPMENT STATUS, CODED	!X!	
8169	an..3	C FULL/EMPTY INDICATOR, CODED	!X!	

Note 1: DE 8053 EQUIPMENT QUALIFIER
 'BPN' Box pallet non exchangeable
 'CN' Container
 'EFP' Exchangeable EUR flat pallet
 'PA' Pallet
 'TE' Trailer
 'UL' ULD (unit load device)

SEL SEAL NUMBER

Function: To specify a seal number and party responsible, related to equipment named in the EQD segment.

Usage : D..3

Remarks : This segment should be used if a seal has been placed on the equipment.

Ref. Rep.	Name	!	UTILISATION
9308 an..10 M	SEAL NUMBER	!!	
C215	C SEAL ISSUER	!O!	
9303 an..3 C	Sealing party, coded	!R!	See Note 1
1131 an..3 C	Code list qualifier	!X!	
3055 an..3 C	Code list responsible agency, coded	!!	
9302 an..35 C	Sealing party	!X!	
4517 an..3 C	SEAL CONDITION, CODED	!X!	

Note 1: DE 9303 Sealing party, coded
'CA' Carrier
'CU' Customs
'SH' Shipper

SEGMENT GROUP 10

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

Usage : D..9999

Remarks : Business practices can describe the contents of a despatch advice according to two main logics:

- The PACKAGE driven logic: the despatch advice is described package by package, according to the physical structure of the packaging hierarchy, starting from the outer packages ending with the inner packages. The contained items are identified at the lowest level of the packaging structure. There is a one to one relationship between the CPS and PAC segments.
- The PRODUCT driven logic: the despatch is described per product, all the packages containing one item being described, identified and associated to the corresponding item. There must be a one to one relationship between CPS and LIN segments.

It is recommended that users of this guide adopt the PACKAGE driven logic. See the EXAMPLE section of the guide on how to use this segment group.

SG 12 is always used when the package contains hazardous materials, and in other cases as appropriate.

Package identification numbers will be placed in the GIN segment in segment group 14.

The usage of SG 15 within the CPS group is dependent on the level of packaging being described. If describing packages that contain lower level packages, then this group of segments would be omitted until the lowest level package was being described.

This segment group is not required when a Cancellation is sent.

SEGMENT GROUP 10

```

--- Segment Group 10 ----- D..9999 -----+
CPS  Consignment packing sequence      M1                               !
                                           !
--- Segment Group 11 ----- A..10 -----+ !
PAC  Package                           M1                               ! !
MEA  Measurements                       O..6                              ! !
QTY  Quantity                           R1                               ! !
                                           ! !
--- Segment Group 12 ----- D..10 -----+ ! !
HAN  Handling instructions              M1 -----+ ! !
                                           ! !
--- Segment Group 13 ----- A1 -----+ ! !
PCI  Package identification             M1                               ! ! !
RFF  Reference                          A1                               ! ! !
                                           ! ! !
--- Segment Group 14 ----- D1 -----+ ! ! !
GIN  Goods identity number             M1 -----+ ! ! !
                                           ! ! !
--- Segment Group 15 ----- D..9999 -----+ !
LIN  Line item                          M1                               ! !
PIA  Additional product id              D..2                              ! !
IMD  Item description                   O1                               ! !
MEA  Measurements                       O1                               ! !
QTY  Quantity                           R1                               ! !
ALI  Additional information             O1                               ! !
GIN  Goods identity number              A..100                            ! !
MOA  Monetary amount                   O                                  ! !
                                           ! !
--- Segment Group 16 ----- A..5 -----+ ! !
RFF  Reference                          M1                               ! ! !
DTM  Date/time/period                   O1 -----+ ! ! !

```

CPS CONSIGNMENT PACKING SEQUENCE

Function: To identify the sequence in which physical packing is presented in the consignment, e.g. boxes loaded onto a pallet.

Usage : M1

Remarks : DE 7166 is dependent on the usage of more than one packaging level, i.e. it will not be used if only one level of packing is being described.

Ref. Rep.	Name	!	UTILISATION
7164 an..12 M	HIERARCHICAL ID. NUMBER	!M!	See Note 1
7166 an..12 C	HIERARCHICAL PARENT ID.	!D!	See Note 2
7075 an..3 C	PACKAGING LEVEL, CODED	!X!	

Note 1: DE 7164 HIERARCHICAL ID NUMBER
Sequential numbering is recommended. The number remains unique within the message.

Note 2: DE 7166 HIERARCHICAL PARENT ID
Identifies the hierarchical link between packaging levels by containing the hierarchical Id (DE 7164) of the package at the higher level (its parent).

SG10

DETAIL

SEGMENT GROUP 11

Function: A group of segments identifying packaging, physical dimensions,
label numbers, and quantities.

Usage : A..10

Remarks : Use of this segment group is dependent on the trading partners
agreement to describe the consignment by the packaging levels.
While it is not mandatory to describe the hierarchical structure
of the shipment, for a number of reasons (customs, insurance,
etc.), it is advised to specify at least each unit delivered.

---	Segment Group 11	-----	A..10	-----	+
PAC	Package		M1		!
MEA	Measurements		O..6		!
QTY	Quantity		R1		!
					!
---	Segment Group 12	-----	D..10	-----	+
HAN	Handling instructions		M1	-----	!
					!
---	Segment Group 13	-----	A1	-----	+
PCI	Package identification		M1		!!
RFF	Reference		A1		!!
					!!
---	Segment Group 14	-----	D1	-----	+
GIN	Goods identity number		M1	-----	+++

PAC PACKAGE

Function: To specify the number and type of identical packages for given items, or of identical handling units of the despatch.

Usage : M1

Remarks :

Ref.	Rep.	Name	!	UTILISATION
7224	n..8	C NUMBER OF PACKAGES	!R!	
C531		C PACKAGING DETAILS	!X!	
7075	an..3	C Packaging level, coded	!!	
7233	an..3	C Packaging related information, coded	!!	
7073	an..3	C Packaging terms and conditions, coded	!!	
C202		C PACKAGE TYPE	!R!	
7065	an..17	C Type of packages identification	!R!	See Note 1
1131	an..3	C Code list qualifier	!D!	
3055	an..3	C Code list responsible agency, coded	!!	
7064	an..35	C Type of packages	!X!	
C402		C PACKAGE TYPE IDENTIFICATION	!X!	
7077	an..3	M Item description type, coded	!!	
7064	an..35	M Type of packages	!!	
7143	an..3	C Item number type, coded	!!	
7064	an..35	C Type of packages	!!	
7143	an..3	C Item number type, coded	!!	
C532		C RETURNABLE PACKAGE DETAILS	!X!	
8395	an..3	C Returnable package freight payment responsibility, coded	!!	
8393	an..3	C Returnable package load contents, coded	!!	

PAC PACKAGE (continued)

Note 1: DE 7065 TYPE OF PACKAGES IDENTIFICATION

The following codes are taken from the UN/ECE Recommendation No.21 (TDED 5.8).

'BA' Barrel
'BE' Bundle
'BG' Bag
'BX' Box
'CG' Cage
'CT' Carton
'CS' Case
'CR' Crate
'DR' Drum
'EN' Envelope
'NE' Unpacked or unpackaged
'PC' Parcel
'PK' Packages
'RL' Reel
'SW' Shrinkwrapped
'TU' Tube

If not applicable, use codes from another appropriate code set in combination with DE 1131/3055.

MEA MEASUREMENTS

Function: To specify physical measurements, including dimension and weights.

Usage : 0..6

Remarks :

Ref.	Rep.	Name	!	UTILISATION
6311	an..3	M MEASUREMENT APPLICATION QUALIFIER	!M!	See Note 1
			!!	
C502		C MEASUREMENT DETAILS	!R!	
6313	an..3	C Measurement dimension, coded	!R!	See Note 2
			!!	
6321	an..3	C Measurement significance, coded	!X!	
			!!	
6155	an..3	C Measurement attribute, coded	!X!	
			!!	
6154	an..70	C Measurement attribute	!X!	
			!!	
C174		C VALUE/RANGE	!R!	
6411	an..3	M Measure unit qualifier	!M!	See Note 3
6314	n..18	C Measurement value	!R!	
6162	n..18	C Range minimum	!X!	
6152	n..18	C Range maximum	!X!	
6432	n..2	C Significant digits	!X!	
			!!	
7383	an..3	C SURFACE/LAYER INDICATOR, CODED	!X!	
			!!	
			!!	

Note 1: DE 6311 MEASUREMENT APPLICATION QUALIFIER
 'PD' Physical dimensions (product ordered)
 Physical attributes of product in consignment.
 'VOL' Volume
 'WT' Weights

Note 2: DE 6313 MEASUREMENT DIMENSION, CODED
 'AAW' Gross volume
 'HT' Height dimension
 'LN' Length dimension
 'WD' Width dimension
 'G' Gross weight
 'N' Actual net weight
 To be specified for the outer package.

Note 3: DE 6411 MEASURE UNIT QUALIFIER
 'KGM' Kilogram
 'MTQ' Cubic Metres
 'MTR' Metre
 'LBS' Pounds

SG11

DETAIL

QTY QUANTITY

Function: To specify the quantity of packages contained within the
package being described.

Usage : R1

Remarks :

Ref. Rep.	Name	!	UTILISATION
		! !	
C186	M QUANTITY DETAILS	!M!	
6063 an..3	M Quantity qualifier	!M!	'52' Quantity per pack
6060 n..15	M Quantity	!M!	
6411 an..3	C Measure unit qualifier	!X!	
		! !	

SG11

DETAIL

SEGMENT GROUP 12

Function: A segment group providing information for special handling requirements e.g. for hazardous goods.

Usage : D..10

Remarks : This segment group is always used when the package contains hazardous materials, and in other cases as appropriate.

--- Segment Group 12 ----- D..10 -----+
HAN Handling instructions M1 -----+

HAN HANDLING INSTRUCTIONS

Function: To specify package handling and where necessary, give notification of hazardous material.

Usage : M1

Remarks : CO C218 must always be used where this information is a legal requirement. DE 4078 should be only used if DE 4079 cannot be used.

Ref. Rep.	Name	!	UTILISATION
C524	C HANDLING INSTRUCTIONS	!!	
4079 an..3	C Handling instructions, coded	!R! See Note 1 !A! !!	
1131 an..3	C Code list qualifier	!O!	
3055 an..3	C Code list responsible agency, coded	!A! See EDIFACT code list !!	
4078 an..70	C Handling instructions	!D! !!	
C218	C HAZARDOUS MATERIAL	!D!	
7419 an..4	C Hazardous material class code, identification	!R! See Note 2 !!	
1131 an..3	C Code list qualifier	!O!	
3055 an..3	C Code list responsible agency, coded	!R! See EDIFACT code list !! !!	

Note 1: CO C524 HANDLING INSTRUCTIONS
Identification of the instructions on how specified goods, packages or containers should be handled. It is advised that only coded instructions be passed in the segment. (User or association defined code.) Use the relevant industry specific code, in combination with 1131/3055. See also UNTDED 5.9 p.2 CIMP.

Note 2: DE 7419 HAZARDOUS MATERIAL CLASS CODE, IDENTIFICATION
Code specifying the kind of hazard for a material. (Industry or association defined code.)

SG11

DETAIL

SEGMENT GROUP 13

Function: A group of segments specifying packaging identification numbers and associated reference document numbers.

Usage : A1

Remarks : If barcode labelling is used on the packaging it is recommended that the Packaging identification be one of the items barcoded.

When a unique package identification (license plate) exists, it is sent in the GIN segment (SG 14).

The usage of SG 14 is dependent on the existence of a package identification (licence plate) on the package.

---	Segment Group 13	-----	A1	-----	+
PCI	Package identification		M1		!
RFF	Reference		A1		!
					!
---	Segment Group 14	-----	D1	-----	+
GIN	Goods identity number		M1	-----	+-+

PCI PACKAGE IDENTIFICATION

Function: To indicate whether package markings are from the buyer or the seller.

Usage : M1

Remarks : The value entered in this segment is only used to enable access to the following segments within this segment group.

Ref.	Rep.	Name	!	UTILISATION
4233	an..3	C MARKING INSTRUCTIONS, CODED	!R!	See Note 1
C210		C MARKS & LABELS	!X!	
7102	an..35	M Shipping marks	!!	
7102	an..35	C Shipping marks	!!	
7102	an..35	C Shipping marks	!!	
7102	an..35	C Shipping marks	!!	
7102	an..35	C Shipping marks	!!	
7102	an..35	C Shipping marks	!!	
7102	an..35	C Shipping marks	!!	
7102	an..35	C Shipping marks	!!	
7102	an..35	C Shipping marks	!!	
8275	an..3	C CONTAINER/PACKAGE STATUS, CODED	!X!	
C827		C TYPE OF MARKING	!X!	
7511	an..3	M Type of marking, coded	!!	
1131	an..3	C Code list qualifier	!!	
3055	an..3	C Code list responsible agency, coded.	!!	

Note 1: DE 4233 MARKING INSTRUCTIONS, CODED
 '16' Buyer's instructions
 '17' Seller's instructions

RFF REFERENCE

Function: To specify an identifying number associated with the package.

Usage : A1

Remarks :

Ref. Rep.	Name	!	UTILISATION
C506	M REFERENCE	! !	
1153 an..3	M Reference qualifier	!M!	See Note 1
1154 an..35	C Reference number	!R!	
1156 an..6	C Line number	!X!	
4000 an..35	C Reference version number	!X!	

Note 1: DE 1153 REFERENCE QUALIFIER
 'AAN' Delivery schedule number
 'ON' Order number (purchase)
 'IV' Invoice number
 'PK' Packing list number
 'VN' Order number (vendor)

SG13

DETAIL

SEGMENT GROUP 14

Function: A segment group providing the identity number of a package
 being despatched.

Usage : D1

Remarks : The usage of this segment group is dependent on the existence
 of a package identification (licence plate) on the package.

--- Segment Group 14 ----- D1 -----+
GIN Goods identity number M1 -----+

GIN GOODS IDENTITY NUMBER

Function: To give the unique identification number of the package.
 Usage : M1
 Remarks : When using barcoding this information relates to the
 appropriate data identifiers that indicate Licence Plate.

Ref. Rep.	Name	!	UTILISATION
7405 an..3	M IDENTITY NUMBER QUALIFIER	!M!	'ML' Marking/label number
C208	M IDENTITY NUMBER RANGE	!M!	See Note 1
7402 an..35	M Identity number	!M!	
7402 an..35	C Identity number	!D!	
C208	C IDENTITY NUMBER RANGE	!O!	See Note 1
7402 an..35	M Identity number	!M!	
7402 an..35	C Identity number	!D!	
C208	C IDENTITY NUMBER RANGE	!O!	See Note 1
7402 an..35	M Identity number	!M!	
7402 an..35	C Identity number	!D!	
C208	C IDENTITY NUMBER RANGE	!O!	See Note 1
7402 an..35	M Identity number	!M!	
7402 an..35	C Identity number	!D!	
C208	C IDENTITY NUMBER RANGE	!O!	See Note 1
7402 an..35	M Identity number	!M!	
7402 an..35	C Identity number	!D!	

Note 1: DE C208 IDENTITY NUMBER RANGE
 The first DE 7402 in the composite element is the start of the consecutively numbered range, the second DE 7402 indicates the end of the range. If there is no range only the first DE 7402 is used.
 If the identity numbers are not sequential and part of a series (e.g. 1,3,10) then a separate C208 and DE7402 must be used for each identity number.

SEGMENT GROUP 15

Function: A group of segments providing details of the individual despatched items within the packages described.

Usage : D..9999

Remarks : The usage of this group within the CPS group is dependent on the level of packaging being described. If describing packages that contain lower level packages, then this group of segments would be omitted until the lowest level package was being described.

This segment loop is required at least once for the lowest level of packaging.

The Seller/Shipper should only need to indicate in the Despatch Advice the same item identification as was given in the Purchase Order. This item identification should be placed in the LIN segment.

The PIA segment is dependent on whether the primary reference to the item being ordered is insufficient to identify the item. Information such as engineering change level, drawing revision number etc. can be also be included in this segment.

Item identifications should be used where ever possible. In a situation where no item identification can be given then a coded, or free text description may be given in the IMD segment.

Physical representation of the data in the LIN segment can be handled by barcoded product and package labels.

Examples of use are:-

1. Item as identified by the Buyer's product id. number.

LIN+1++12345-12:IN::92'

2. Item as identified by the Seller's product id. number with an additional drawing revision number as assigned by the Seller.

LIN+1++ABCDE-AA:SA::91'
PIA+1+ABCDE-AA-1:DR::91'

3. Item as identified by the Seller's product id. number with the addition of the Buyer's reference number for this product.

```

LIN+1++ABCDE-AA:SA::91'
PIA+1+12345-12:IN::92'
    
```

4. Item as identified by the Seller's product number with the addition of the Seller's substitute number for this product, and also the Buyer's own product and substitute numbers for this product.

```

LIN+1++ABCDE-AA:SA::91'
PIA+4+ABCDE-AB:SA::91+12345-15:IN::92'
PIA+1+12345-12:IN::92'
    
```

5. Where no item number is given and only a description of the item is passed in the message.

```

LIN+1'
IMD++++::SUPER XYZ MODULES'
    
```

```

--- Segment Group 15 ----- D..9999 -----+
LIN  Line item                M1                !
PIA  Additional product id    D..2            !
IMD  Item description         O1                !
MEA  Measurements             O1                !
QTY  Quantity                 R1                !
ALI  Additional information    O1                !
GIN  Goods identity number    A..100          !
MOA  Monetary amount          O1                !
-----+
--- Segment Group 16 ----- A..5 -----+ !
RFF  Reference                 M1                ! !
DTM  Date/time/period          O1 -----+ +
    
```

LIN LINE ITEM

Function: To specify the line item being described, and the part number agreed to be the primary reference number between the Buyer and Seller.

Usage : M1

Remarks :

Ref. Rep.	Name	!	UTILISATION
1082 n..6	C LINE ITEM NUMBER	!A!	See Note 1
1229 an..3	C ACTION REQUEST/NOTIFICATION, CODED	!X! !! !!	
C212	C ITEM NUMBER IDENTIFICATION	!R! !!	
7140 an..35	C Item number	!R!	See Note 2
7143 an..3	C Item number type, coded	!R!	See Note 3
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	!O! !!	See Note 4
C829	C SUB-LINE INFORMATION	!X!	
5495 an..3	C Sub-line indicator, coded	!!	
1082 n..6	C Line item number	!!	
1222 n..2	C CONFIGURATION LEVEL	!X! !!	
7083 an..3	C CONFIGURATION, CODED	!X! !!	

Note 1: DE 1082 LINE ITEM NUMBER
This number is assigned by the sender of the message.
The first line item within a message will be numbered '1' and further line items will be incremented by '1' for each new line.

Note 2: DE 7140 ITEM NUMBER
Use the primary part number. Other related numbers should be in the PIA segment.

Note 3: DE 7143 ITEM NUMBER TYPE, CODED
'BP' Buyer's part number
'EN' International Article Numbering Association (EAN)
'IN' Buyer's item number
'MF' Manufacturer's (producer's) article number
'SA' Supplier's article number
'UP' UPC (Universal product code)
'VP' Vendor's (seller's) part number

Note 4: DE 3055 CODE LIST RESPONSIBLE AGENCY, CODED
'9' EAN (International Article Numbering association)
'16' DUNS (Dun & Bradstreet)
'91' Assigned by seller or seller's agent
'92' Assigned by buyer or buyer's agent

SG15

DETAIL

PIA ADDITIONAL PRODUCT ID

Function: To specify additional item information.

Usage : D..2

Remarks : This segment is dependent on whether the primary reference to the item being ordered is insufficient to identify the item. Information such as engineering change level, drawing revision number etc. can be also be included in this segment.

Ref. Rep.	Name	!	UTILISATION

4347 an..3	M PRODUCT ID. FUNCTION QUALIFIER	! !	!M! See Note 1
C212	M ITEM NUMBER IDENTIFICATION	! !	!M!
7140 an..35	C Item number	!R!	
7143 an..3	C Item number type, coded	!R!	See Note 2
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	!X!	
C212	C ITEM NUMBER IDENTIFICATION	!O!	
7140 an..35	C Item number	!R!	
7143 an..3	C Item number type, coded	!R!	See Note 2
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	!X!	
C212	C ITEM NUMBER IDENTIFICATION	!O!	
7140 an..35	C Item number	!R!	
7143 an..3	C Item number type, coded	!R!	See Note 2
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	!X!	
C212	C ITEM NUMBER IDENTIFICATION	!O!	
7140 an..35	C Item number	!R!	
7143 an..3	C Item number type, coded	!R!	See Note 2
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	!X!	
C212	C ITEM NUMBER IDENTIFICATION	!O!	
7140 an..35	C Item number	!R!	
7143 an..3	C Item number type, coded	!R!	See Note 2
1131 an..3	C Code list qualifier	!X!	
3055 an..3	C Code list responsible agency, coded	!X!	

PIA ADDITIONAL PRODUCT ID (continued)

Note 1: DE 4347 PRODUCT ID FUNCTION QUALIFIER
'1' Additional identification
'4' Substituted for

Note 2: DE 7143 Item number type, coded
'BP' Buyer's part number
'CC' Industry commodity code
'DR' Drawing revision number
'DW' Drawing
'EC' Engineering change level
'EN' International Article Numbering Association (EAN)
'GS' General specification number
'HS' Harmonised system
'MF' Manufacturer's (producer's) article number
'IN' Buyer's item number
'SA' Supplier's article number
'UP' UPC (Universal product code)
'VP' Vendor's (seller's) part number

IMD ITEM DESCRIPTION

Function: To describe the item being despatched.

Usage : 01

Remarks : This segment may be used for items that can not be identified by a code or article number.

Ref. Rep.	Name	!	UTILISATION
7077 an..3	C ITEM DESCRIPTION TYPE, CODED	! ! !O! ! ! ! !	See Note 1
7081 an..3	C ITEM CHARACTERISTIC, CODED	! ! !O! ! ! ! !	See Note 2
C273	C ITEM DESCRIPTION	!A!	See Note 3
7009 an..7	C Item description identification	!A! ! !	
1131 an..3	C Code list qualifier	!O!	
3055 an..3	C Code list responsible agency, coded	!O! ! !	
7008 an..35	C Item description	!D!	
7008 an..35	C Item description	!O! ! !	
7383 an..3	C SURFACE/LAYER INDICATOR, CODED	!X! ! ! ! !	

Note 1: DE 7077 ITEM DESCRIPTION TYPE, CODED
'C' Code (from industry code list)
'F' Free-form

Note 2: DE 7081 ITEM CHARACTERISTIC, CODED
'3' Ship to stock
Used when the shipment does not require a quality check
at the Receiver's premises.

Note 3: DE C273 ITEM DESCRIPTION
Use DE 7009 for a coded description. If no code is available
use DE 7008 instead.

MEA MEASUREMENTS

 Function: To specify the item net weight.
 Usage : 01
 Remarks :

Ref.	Rep.	Name	!	UTILISATION
6311	an..3	M MEASUREMENT APPLICATION QUALIFIER	!M! !! !!	'WT' Weights
C502		C MEASUREMENT DETAILS	!R!	
6313	an..3	C Measurement dimension, coded	!R! !!	'AAA' Unit net weight
6321	an..3	C Measurement significance, coded	!X! !!	
6155	an..3	C Measurement attribute, coded	!X! !!	
6154	an..70	C Measurement attribute	!X! !!	
C174		C VALUE/RANGE	!R!	
6411	an..3	M Measure unit qualifier	!M!	See note 1
6314	n..18	C Measurement value	!R!	
6162	n..18	C Range minimum	!X!	
6152	n..18	C Range maximum	!X!	
6432	n..2	C Significant digits	!X! !!	
7383	an..3	C SURFACE/LAYER INDICATOR, CODED	!X! !! !!	

 Note 1: DE 6411 Measure unit qualifier
 'KGM' Kilogram
 'LBS' Pounds

SG15

DETAIL

QTY QUANTITY

Function: To indicate the despatch quantity.
Usage : R1
Remarks : DE 6411 is only used if the current product is of variable
quantity.

Ref. Rep.	Name	!	UTILISATION
C186	M QUANTITY DETAILS	! !	
6063 an..3	M Quantity qualifier	!M!	'12' Despatch quantity
6060 n..15	M Quantity	!M!	
6411 an..3	C Measure unit qualifier	!D!	See Note 1

Note 1: DE 6411 MEASURE UNIT QUALIFIER
See UN/ECE Recommendation number 20, codes for units of
measurement, 3 alpha code

ALI ADDITIONAL INFORMATION

Function: To indicate the country of origin of the item and the type of
duty regime for customs purposes.

Usage : 01

Remarks :

Ref. Rep.	Name	!	UTILISATION
3239 an..3	C COUNTRY OF ORIGIN, CODED	!R!	See Note 1
9213 an..3	C TYPE OF DUTY REGIME, CODED	!O!	See Note 2
4183 an..3	C SPECIAL CONDITIONS, CODED	!O!	See Note 3
4183 an..3	C SPECIAL CONDITIONS, CODED	!X!	
4183 an..3	C SPECIAL CONDITIONS, CODED	!X!	
4183 an..3	C SPECIAL CONDITIONS, CODED	!X!	
4183 an..3	C SPECIAL CONDITIONS, CODED	!X!	

Note 1 : DE 3239 COUNTRY OF ORIGIN, CODED
Use ISO 3166 2 alpha country code

Note 2 : DE 9213 TYPE OF DUTY REGIME, CODED
'1' Origin subject to EC/EFTA preference
'2' Origin subject to other preference agreement

Note 3 : DE 4183 SPECIAL CONDITIONS, CODED
'9' Freely available in EEC
'BW' Bonded warehouse
Use this code until EDIFACT makes one available.

GIN GOODS IDENTITY NUMBER

Function: To specify a range of or individual identification numbers of the goods being despatched.

Usage : A..100

Remarks :

Ref.	Rep.	Name	!	UTILISATION
7405	an..3	M IDENTITY NUMBER QUALIFIER	!M!	See Note 1
C208		M IDENTITY NUMBER RANGE	!M!	See Note 2
7402	an..35	M Identity number	!M!	
7402	an..35	C Identity number	!D!	
C208		C IDENTITY NUMBER RANGE	!O!	See Note 2
7402	an..35	M Identity number	!M!	
7402	an..35	C Identity number	!D!	
C208		C IDENTITY NUMBER RANGE	!O!	See Note 2
7402	an..35	M Identity number	!M!	
7402	an..35	C Identity number	!D!	
C208		C IDENTITY NUMBER RANGE	!O!	See Note 2
7402	an..35	M Identity number	!M!	
7402	an..35	C Identity number	!D!	
C208		C IDENTITY NUMBER RANGE	!O!	See Note 2
7402	an..35	M Identity number	!M!	
7402	an..35	C Identity number	!D!	

Note 1: DE 7405 IDENTITY NUMBER QUALIFIER
 'BN' Serial number
 'BX' Batch number

Note 2: DE C208 IDENTITY NUMBER RANGE
 The first DE 7402 in the composite element is the start of the consecutively numbered range, the second DE 7402 indicates the end of the range. If there is no range only the first DE 7402 is used.
 If the identity numbers are not sequential and part of a series (e.g. 1,3,10) then a separate C208 and DE7402 must be used for each identity number.

SG15

DETAIL

MOA MONETARY AMOUNT

Function: To indicate monetary amounts required by the consignee to undertake customs clearance procedures.

Usage : 01

Remarks :

Ref. Rep.	Name	!	UTILISATION
C516	M MONETARY AMOUNT	!!	
5025 an..3	M Monetary amount type qualifier	!M!	'203' Line item amount
5004 n..18	C Monetary amount	!R!	
6345 an..3	C Currency, coded	!R!	See ISO 4217, 3 alpha code
6343 an..3	C Currency qualifier	!X!	
4405 an..3	C Status, coded	!X!	

SG15

DETAIL

SEGMENT GROUP 16

Function: A group of segments to specify identifying numbers and dates of
previous documents associated with the item being described.

Usage : A.5

Remarks : References are normally used at this level.

---	Segment Group 16	-----	A.5	-----	+
RFF	Reference		M1		!
DTM	Date/time/period		O1	-----	+

RFF REFERENCE

Function: To specify an identifying number associated with the item.

Usage : M1

Remarks : Where references do not apply to the whole message they must appear here.

Ref. Rep.	Name	!	UTILISATION
C506	M REFERENCE	! !	
1153 an..3	M Reference qualifier	!M!	See Note 1
1154 an..35	C Reference number	!R!	As specified by DE 1153
1156 an..6	C Line number	!O!	See Note 2
4000 an..35	C Reference version number	!X!	

Note 1: DE 1153 REFERENCE QUALIFIER
 'AAN' Delivery schedule number
 'AFE' Export Control Commodity number (ECCN)
 'HS' Harmonised system number
 'IP' Import license number
 'IV' Invoice number
 'ON' Order number (purchase)
 'VN' Order number (vendor)

Note 2: DE 1156 LINE NUMBER
 To hold the line number within the referenced document identified in the RFF segment (DE1154). That is the case when DE1153 = 'ON' or 'AAN'.

DTM DATE/TIME/PERIOD

Function: To indicate the date of the reference specified in the
previous RFF segment, e.g. date of referenced purchase order.

Usage : 01

Remarks :

Ref. Rep.	Name	!	UTILISATION
C507	M DATE/TIME/PERIOD	! !	
2005 an..3	M Date/time/period qualifier	!M! ! !	'171' Reference date/time
2380 an..35	C Date/time/period	!R!	
2379 an..3	C Date/time/period format qualifier	!R! ! ! ! !	See Note 1

Note 1: DE 2379 Date/time/period format qualifier
'101' YYMMDD
'102' CCYYMMDD
'201' YYMDDHHMM
'203' CCYYMDDHHMM

UNT MESSAGE TRAILER

Function: To end and check the completeness of a message.
Usage : M1
Remarks :

Ref. Rep.	Name	!	UTILISATION
0074 n..6	M NUMBER OF SEGMENTS IN A MESSAGE	! !	See note 1
0062 an..14	M MESSAGE REFERENCE NUMBER	! !	See note 2

Note 1: DE 0074 NUMBER OF SEGMENTS IN A MESSAGE
Count of all segments in the message, UNH and UNT included.

Note 2: DE 0062 MESSAGE REFERENCE NUMBER
Must be the same reference number as in DE0062 of the UNH segment of this message.

EXAMPLES

The following examples provide help on how to use this message:-

- Example 1 - Possible options on how to use the DETAIL section of the message.
- Example 2 - Simplified domestic shipment.
- Example 3 - International shipment going by air.
- Example 4 - International shipment going by road.
- Example 5 - Using the DESADV to let the Buyer know when goods are ready to be collected.
- Example 6 - Use of Cancellation and Replace options

EXAMPLE 1

The following example is not a complete example of the message. It is included here to provide the user with an indication on how the packaging structure of the message can be used within the detail segments of the message.

PRODUCT-DRIVEN AND PACKAGE-DRIVEN LOGICS:

There are several ways of using the product-driven and package-driven logics; here are three, best illustrated with an example.

THE EXAMPLE:

product:	A	A	B	B	C	C	C
quantity:	50	50	25	25	10	10	10
product:	A	A	B	B	C	C	C
quantity:	50	50	25	25	10	10	10

=====
 Container Id = CNT001

4 boxes of Product A	4 ... of B	6 ... of C
Product ID=5012345678900	5099001234557	5000881234567
Each contains 50 kg	Each... 25 kg	Each... 10 kg
Order No. PO/123	... PO/234	... PO/345
Boxes marked A1-A4	... B1-B4	... C1-C6

A) Use of the PRODUCT-DRIVEN logic without packaging information (most simple case with emphasis on the products, structure CPS LIN ... LIN ... LIN ...).

Product related to the order process, in RFF.
 Package hierarchy link not specified in this example.
 Package type not identified.

CPS+1'	Mandatory trigger segment
LIN+1+++5012345678900:EN'	Line 1 identifies 1st Product
QTY+12:200:KGM'	Total received quantity: 200 kg
RFF+ON:PO/123'	Order number as reference.
LIN+2++5099001234557:EN'	Line 2 identifies 2nd Product
QTY+12:100:KGM'	Total received quantity: 100 kg
RFF+ON:PO/234'	Order number as reference.
LIN+3++5000881234567:EN'	Line 3 identifies 3rd Product
QTY+12:60:KGM'	Total received quantity: 60 kg
RFF+ON:PO/345'	Order number as reference.

EXAMPLES continued:

B) Use of the PRODUCT-DRIVEN logic with packaging information
(structure with a one-to-one relationship between CPS and LIN:
CPS PAC PAC...LIN, CPS PAC PAC...LIN, CPS PAC PAC...LIN).

Packaging information related to each product provided with nested
PAC within separate CPS
Package type identified in PAC
Package Ids. provided in PCI GIN
Product related to the order process in RFF.

CPS+1'	Detail related to 1st product
PAC+1++CTR'	One container
PAC+4++BX'	4 boxes in this container
PCI+17'	Packages Id. supplied by seller:
GIN+ML+A1:A4'	Markings A1 to A4
LIN+1++5012345678900:EN'	Line 1 identifies Product A
QTY+12:200:KGM'	Total received quantity: 200 kg
RFF+ON:PO/123'	Order number as reference.

CPS+2'	Detail for 2nd product
PAC+1++CTR'	One container
PAC+4++BX'	4 boxes in this container
PCI+17'	Packages Id. supplied by seller:
GIN+ML+B1:B4'	Markings B1 to B4
LIN+2++5099001234557:EN'	Line 2 identifies Product B
QTY+12:100:KGM'	Total received quantity: 100 kg
RFF+ON:PO/234'	Order number as reference.

CPS+3'	Detail for 3rd product
PAC+1++CTR'	One container
PAC+6++BX'	6 boxes in this container
PCI+17'	Packages Id. supplied by seller:
GIN+ML+C1:C6'	Markings C1 to C6
LIN+3++5000881234567:EN'	Line 3 identifies Product C
QTY+12:60:KGM'	Total received quantity: 60 kg
RFF+ON:PO/345'	Order number as reference.

EXAMPLES continued:

C) Use of the PACKAGE-DRIVEN logic (emphasis on the packaging, case of a packing list) (structure CPS PAC, CPS PAC LIN, CPS PAC LIN ...).

Package hierarchy link specified in CPS.
Package type identified in PAC.
Package Ids. provided in PCI GIN
Product not related to the order process in this example.

CPS+1'	Shipment level (outer container)
PAC+1++CTR'	One container
PAC+14++BX'	14 boxes received in total.
PCI+17'	Id. supplied by seller:
GIN+ML+CNT001'	Marking CNT001

CPS+2+1'	Unit Load level
PAC+4++BX'	4 boxes
PCI+17'	Packages Id. supplied by seller:
GIN+ML+A1:A4'	Markings A1 to A4
LIN+1++5012345678900:EN'	Line to identify 1st Product
QTY+48:200:KGM'	Total received quantity: 200 kg

CPS+3+1'	4 other boxes
PAC+4++BX'	Packages Id. supplied by seller:
PCI+17'	Markings B1 to B4
GIN+ML+B1:B4'	Line to identify 2nd Product
LIN+2++5099001234557:EN'	Total received quantity: 100 kg
QTY+48:100:KGM'	

CPS+4+1'	6 other boxes
PAC+6++BX'	Packages Id. supplied by seller:
PCI+17'	Markings C1 to C6
GIN+ML+C1:C6'	Line to identify 3rd Product
LIN+3++5000881234567:EN'	Total received quantity: 60 kg
QTY+48:60:KGM'	

EXAMPLE 2 - Simplified domestic shipment.

Example describes a consignment between Buyer-001 and Seller-002. The consignment consists of 2 boxes each containing the same part. One box contains 300 parts, the other 100 parts. Each box has its own unique identification number. The consignment was shipped by road using UPS as the carrier. It left on the 8th July 1994 at 16:24.

UNH+3211+DESADV:D:96A:UN:ED4'	- DESADV using directory 96A
BGM+351+927649+9'	- Shipment number
DTM+137:199407081624:203'	- Creation date/time
MEA+WT+AAD+LBS:4.32'	- Total shipment weight in lbs.
MEA+CT+SQ+NMP:2'	- 2 unit loads
RFF+ON:ZD230187'	- Order number
DTM+171:19940613:102'	- Date of Order
RFF+PK:4520918'	- Pack list number
NAD+SE+SELLER-002::92'	- Ship from (coded)
NAD+BY+BUYER-001::92'	- Buyers code
TDT+20+FTR-989-12+30++UPS::91'	- Mode is road; carrier is UPS
LOC+5+SELLER-002::92'	- Location code
DTM+11:199407081624:203'	- Despatch date/time
CPS+1'	-
PAC+1++BX'	- 1st unit load (box)
QTY+52:300'	- Contains 300 items
PCI+17'	- Box Id provided by Seller
GIN+ML+7809274'	- Id of box
LIN+1++TRO-9876:BP::92'	- Buyer's part number
PIA+1+DR-987VG:VP::91'	- Seller's part number
QTY+12:300'	- Quantity shipped in this box
GIN+BX+A-900506+A-900512'	- Batch numbers
CPS+2'	-
PAC+1++BX'	- 2nd unit load (box)
QTY+52:100'	- Contains 100 items
PCI+17'	- Box Id provided by Seller
GIN+ML+7809275'	- Id of box
LIN+1++TRO-9876:BP::92'	- Buyer's part number
PIA+1+DR-987VG:VP::91'	- Seller's part number
QTY+12:100'	- Quantity shipped in this box
GIN+BX+A-900506+A-900512'	- Batch numbers
UNT+32+3211'	- Count of segments

EXAMPLE 3 - International shipment going by air.

Similar example to example 3 except that the goods are an International shipment and are being sent by air.
Two flights are described.

UNH+3211+DESADV:D:96A:UN:ED4'	- DESADV using directory 96A
BGM+351+927649+9'	- Shipment number
DTM+137:199407081624:203'	- Creation date/time
MEA+WT+AAD+KGM:18.5'	- Total shipment weight in kilos.
MEA+CT+SQ+NMP:2'	- 2 unit loads
MOA+39:5000:USD'	- Invoice amount in US dollars
RFF+ON:ZD230187'	- Order number
DTM+171:19940613:102'	- Date of Order
RFF+AWB:10480'	- Air waybill number
NAD+SE+SELLER-002::92'	- Ship from (coded)
NAD+BY+BUYER-001::92'	- Buyers code
NAD+FW+DA::91'	- Freight Forwarder
TDT+12+718+40++JL::3'	- Mode is AIR; carrier is Japan Air
LOC+5+BKK::3'	- Departs from
DTM+11:199407100615:203'	- Despatch date/time
LOC+15+DATH::3'	- Transfers at
TDT+12+042+40++JL::3'	- Mode is AIR; carrier is Japan Air
LOC+8+JFK::3''	- Destined for
DTM+132:199407121030:203'	- Carrier ETA date/time
LOC+24+JFK::3'	- Port of entry
CPS+1'	-
PAC+1++BX'	- 1st unit load (box)
QTY+52:300'	- Contains 300 items
PCI+17'	- Box Id provided by Seller
GIN+ML+7809274'	- Id of box
LIN+1++TRO-9876:BP::92'	- Buyer's part number
PIA+1+DR-987VG:VP::91'	- Seller's part number
QTY+12:300'	- Quantity shipped in this box
GIN+BX+A-900506+A-900512'	- Batch numbers
CPS+2'	-
PAC+1++BX'	- 2nd unit load (box)
QTY+52:100'	- Contains 100 items
PCI+17'	- Box Id provided by Seller
GIN+ML+7809275'	- Id of box
LIN+1++TRO-9876:BP::92'	- Buyer's part number
PIA+1+DR-987VG:VP::91'	- Seller's part number
QTY+12:100'	- Quantity shipped in this box
GIN+BX+A-900506+A-900512'	- Batch numbers
UNT+38+3211'	- Count of segments

EXAMPLE 4 - International shipment going by road.
Seller has responsibility for the transport of goods.

The following example of a Despatch Advice message provides the description of a shipment of goods that have been despatched by the supplier of the goods, identified as Company A. The buyer of the goods is identified as Company B and the warehouse where the goods are to be delivered to is identified as Location B.

The Despatch Advice, reference number 93-5678ML, is sent on the 20th April 1993 at 14:50. The goods to be despatched are a complete shipment of the goods purchased on the 17th April 1993 according to the buyer's purchase order number PO505054. They are despatched on the 20th April at 14:30 and are expected to arrive the next day at 12:00.

The despatch advice refers to a shipment of goods containing 2 pallets, each pallet uniquely identified by a bar coded serial shipping code.

The first pallet is identified by a package ID number ABCXXX90 and contains 3 cartons of the product identified by the number ABCDE-AA, each carton containing a number of units. The pallet is a standard 800mm x 1200mm pallet with a gross weight of 263.2 kilograms.

The second pallet has an ID number of ABCXXX91 and has a mixed product load; 1 carton of product 12345-AA, and 2 cartons of product 67890-AB. The pallet has the same dimensions as the first one with a gross weight of 305.1 kilograms.

Each of the cartons have their own associated bar-coded Package ID number.

A contact code is given for COMPANY A along with a telephone number.

The despatch advice describes the shipment as being composed of two pallets, providing for each pallet a description of the type of pallet in terms of dimensions and weight, as well as the pallet's unique identity number (serial shipping container code). The contents of each pallet is then described in terms of the despatch units it contains including the package serial number.

The following example uses PACKAGE related logic i.e. there is a one to one relationship between the CPS and PAC segments.

EXAMPLE 4 (continued)

```
+-----+
! Supplier !      INFORMATION FLOW      ! Buyer  !
! Company A!----->! Company B!
+-----+
!           EDI Despatch Advice
!           93-5678ML
!           Sent 20-4-93 at 14:50
!           COMPANY A contact John Smith.
!           telephone no. 883306
+-----+
! Shipment Reference:
!   PO number = PO505054
!   +-----+
!   ! x 500 !      ABCDE-AA !
!   +-----+
!   +-----+
!   ! x 500 !! x 250 !
!   +-----+
!   +-----+
!   Pallet 1 800 x 1200mm
!   Package ID Number = ABCXXX90
!   Carton ID's = ABCXXXA to ABCXXXC
!   Gross weight 263.2 kgs
!
!           +-----+
!           ! x 50 !      12345-AA !----->! Buyer's
!           +-----+                                     ! warehouse !
!           +-----+                                     ! LOCATION B !
!           +-----+                                     +-----+
!           ! x 100 !! x 100 ! 67890-AB ! Reception of Goods:
!   +-----+
!   +-----+
!   Pallet 2 800 x 1200mm
!   Package ID Number = ABCXXX91
!   Carton ID's = ABCXXXA1 to ABCXXXA3
!   Gross weight 305.1 kgs
!
+-----+
```

EXAMPLE 4 (continued)

UNH+1+DESADV:D:96A:UN:ED4' - Message Header

Header Section

BGM+351+93-5678ML+9' - Shipment 93-5678ML
DTM+137:199304201450:203' - Date/time of despatch adv.
DTM+11:199304201430:203' - Actual Ship date and time
DTM+17:199304211200:203' - Est delivery date and time
MEA+WT+AAD+KGM:568.3' - Total gross shipment weight
MEA+CT+SQ+NMP:2' - Number of unit loads
MOA+39:3500:USD' - Invoice amount is \$3500
RFF+ON:PO505054' - Purchase Order No
DTM+171:19930417:102' - Date of PO
NAD+SE+COMPANYA::91' - Code assigned by Seller
CTA+IC+John Smith' - Contact person
COM+883306:TE' - Contact telephone number
NAD+BY+COMPANYB::91' - Buyer code assigned by Seller
NAD+DP+LocationB::92' - Ship to location
TDT+20++30++++::H1234 CFD' - Main-carriage, by road.
EQD+TE' - Trailer
SEL+ABCD123456+CU' - Trailer seal no. assigned by Customs

Detail Section

CPS+1' - 1st unit load
PAC+1++SW' - Unit load is shrinkwrapped
MEA+WT+G+KGM:263.2' - Gross weight in kilograms
QTY+52:3' - Unit load contains 3 boxes
HAN+HEA::EAN' - Heavy cargo
PCI+17' - Labels/ID's supplied by seller
RFF+IV:V1013-015' - Invoice number
GIN+ML+ABCXXX90' - Unit identification

CPS+2+1' - Second level of description
PAC+1++BX' - 1st box, 1st unit load
MEA+WT+G+KGM:100' - Gross weight of box
PCI+17' - Labels/ID's supplied by seller
GIN+ML+ABCXXXXA' - Package ID of box
LIN+1++ABCDE-AA:SA::91' - First line item
QTY+12:500' - 500 x ABCDE-AA despatched
GIN+BN+999001:999500' - Serial numbers

CPS+3+1' -
PAC+1++BX' - 2nd box, 1st unit load
MEA+WT+G+KGM:100' - Gross weight of box
PCI+17' - Labels/ID's supplied by seller
GIN+ML+ABCXXXB' - Package ID of box
LIN+1++ABCDE-AA:SA::91' - First line item
QTY+12:500' - 500 x ABCDE-AA despatched
GIN+BN+998001:998500' - Serial numbers

EXAMPLE 4 (continued)

CPS+4+1'	-
PAC+1++BX'	- 3rd box, 1st unit load
MEA+WT+G+KGM:63.2'	- Gross weight of box
PCI+17'	- Labels/ID's supplied by seller
GIN+ML+ABCXXXX'	- Package ID of box
LIN+1++ABCDE-AA:SA::91'	- First line item
QTY+12:250'	- 250 x ABCDE-AA despatched
GIN+BN+997001:997250'	- Serial numbers
CPS+5'	- 2nd unit load
PAC+1++SW'	- Unit load is shrinkwrapped
MEA+WT+G+KGM:305.1'	- Gross weight in kilograms
QTY+52:3'	- Unit load contains 3 boxes
HAN+HEA::EAN'	- Heavy cargo
PCI+17'	- Labels/ID's supplied by seller
RFF+IV:V1013-015'	- Invoice number
GIN+ML+ABCXXX91'	- Package ID of pallet
CPS+6+5'	-
PAC+1++BX'	- 1st box in 2nd unit load
MEA+WT+G+KGM:65.1'	- Gross weight in kilograms
QTY+52:50'	- Contains 50 items
PCI+17'	- Labels/ID's supplied by seller
GIN+ML+ABCXXXA1	- Package ID of box
LIN+1++12345-AA:SA::91'	- 1st line item
QTY+12:50'	- 50 x 12345-AA despatched
GIN+BN+996001:996050'	- Serial numbers
CPS+7+5'	-
PAC+1++BX'	- 2nd box in 2nd unit load
MEA+WT+G+KGM:120'	- Gross weight in kilograms
QTY+52:100'	- Contains 100 items
PCI+17'	- Labels/ID's supplied by seller
GIN+ML+ABCXXXA2'	- Package ID of box
LIN+1++67890-AB:SA::91'	- 1st line item; product type
PIA+1+SD12345:IN::92'	- Buyer's item number
QTY+12:100'	- 100 x 67890-AB despatched
ALI+US'	- Country of origin
GIN+BN+995001:995100'	- Serial numbers
RFF+IV:V1013-015'	- Invoice number
CPS+8+5'	-
PAC+1++BX'	- 3rd box in 2nd unit load
MEA+WT+G+KGM:120'	- Gross weight in kilograms
QTY+52:100'	- Contains 100 items
PCI+17'	- Labels/ID's supplied by seller
GIN+ML+ABCXXXA3	- Package ID of box
LIN+1++67890-AB:SA::91'	- 1st line item; product type
PIA+1+SD12345:IN::92'	- Buyer's item number
QTY+12:100'	- 100 x 67890-AB despatched
ALI+US'	- Country of origin
GIN+BN+995101:995200'	- Serial numbers
RFF+IV:V1013-015'	- Invoice number
UNT+92+1'	- Message Trailer

EXAMPLE 5 - Ready for Despatch Advice
Used in situations where the Buyer takes responsibility
for the transport of the goods.

UNH+1+DESADV:D:96A:UN:ED4' - Message Header

BGM+345+93-5678ML+9' - Shipment 93-5678ML
DTM+137:199304201450:203' - Date/time of despatch adv.
DTM+200:199304201430:203' - Pickup date and time
MEA+WT+AAD+KGM:568.3' - Total gross shipment weight
MEA+CT+SQ+NMP:2' - Number of unit loads
RFF+ON:PO505054' - Purchase Order No
DTM+171:19930417:102' - Date of PO
NAD+SE+COMPANYA::91' - Code assigned by Seller
NAD+BY+COMPANYB::91' - Buyer code assigned by Seller
TOD+6++EXW' - Ex works delivery

Detail Section (As in example 4)

EXAMPLE 6 - Use of Cancellation and Replace options

CANCELLATION

UNH+1+DESADV:D:96A:UN:ED4' - Message Header

BGM+351+93-5678ML+1' - Shipment 93-5678ML cancelled.
DTM+137:199304201450:203' - Date/time of despatch adv.
NAD+SE+COMPANYA::91' - Code assigned by Seller
NAD+BY+COMPANYB::91' - Buyer code assigned by Seller

UNT+6+1' - Message Trailer

REPLACE

UNH+1+DESADV:D:96A:UN:ED4' - Message Header

BGM+345+93-5678ML+5' - Shipment 93-5678ML
DTM+137:199304201435:203' - Date/time of despatch adv.
DTM+200:199304211200:203' - Pickup date and time
MEA+WT+AAD+KGM:568.3' - Total gross shipment weight
MEA+CT+SQ+NMP:2' - Number of unit loads
MOA+39:3500:USD' - Invoice amount in US dollars
RFF+ON:PO505054' - Purchase Order No
DTM+171:19930418:102' - Date of PO
NAD+SE+COMPANYA::91' - Code assigned by Seller
NAD+BY+COMPANYB::91' - Buyer code assigned by Seller
TOD+6++EXW' - Ex works delivery

Detail Section (As in example 4)

UNT+85+1' - Message Trailer