

DESADV Despatch Advice Message

Introduction:

A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

Notes:

Level 2 note:

MESSAGE PURPOSE:

The Fulfillment Confirmation (DESADV) message reports fulfillment actions taken for the lineitems in an order. The quantity of a lineitem affected by an action is always required. This guide describes a subset of the full HubEDIFACT DESADV dataset - i.e. the data elements that need to be populated on DESADV messages being sent to this channel.

Actions:

- Ship: Goods were transferred to a shipping carrier for delivery. The shipping carrier service level must be communicated using a ship method code.
- Cancel: Some portion of the quantity ordered cannot be fulfilled and is being canceled. A coded reason for cancellation is required.

When reporting ship actions:

Standard Carton, and Pick-Pack (Overboxing) should be reported as one order per message (UNH-UNT) containing its associated packages (CPS) per unique tracking number (PAC) that can contain single to multiple lines (LIN).

In a multi-pack scenario for a single order each CPS will represent 1 unique tracking number and can contain multiple items. In a multi-pack, multi-order scenarios each order will be a unique UNH-UNT document

A Fulfillment Confirmation message will be rejected for the following reasons:

- Quantity: the quantity reported for the action is greater than the quantity open (i.e. quantity ordered less the quantity reported for any previous ship or cancel actions).
- A ship action is reported without a PO Number, Line SKU, Line Quantity
- A cancel action is reported without PO Number, Line SKU, Line Quantity Cancelled, and cancel code.

DATA ELEMENT REQUIREMENTS AND USAGE:

The following User Attributes are employed in this document:

- M - Mandatory by the EDIFACT standard.
- M/U - Must be used to meet the requirements of this channel
- D - Dependent

R - Recommended
X - not used

Any element not marked with one of the above indicates that the element may included in the message but is not required in all cases.

Heading Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M/U	0030	DTM	Date/Time/Period	C	10		
M/U	0070		Segment Group 1: RFF-DTM	C		10	
M	0080	RFF	Reference	M	1		
	0090	DTM	Date/Time/Period	C	1		
	0100		Segment Group 2: NAD-LOC-SG4	C		10	
M	0110	NAD	Name and Address	M	1		
	0120	LOC	Place/Location Identification	C	10		
	0160		Segment Group 4: CTA-COM	C		10	
M	0170	CTA	Contact Information	M	1		
	0180	COM	Communication Contact	C	5		
	0230		Segment Group 6: TDT	C		10	
M	0240	TDT	Details of Transport	M	1		

Detail Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0370		Segment Group 10: CPS-SG11-SG15	C		9999	
M	0380	CPS	Consignment Packing Sequence	M	1		
	0400		Segment Group 11: PAC	C		9999	
M	0410	PAC	Package	M	1		
M/U	0550		Segment Group 15: LIN-PIA-QTY-GIR-DTM-FTX-SG16-SG20	C		9999	
M	0560	LIN	Line Item	M	1		
	0570	PIA	Additional Product Id	C	10		
M/U	0600	QTY	Quantity	C	10		
	0630	GIR	Related Identification Numbers	C	100		
	0650	DTM	Date/Time/Period	C	5		
	0660	FTX	Free Text	C	5		
M/U	0680		Segment Group 16: RFF	C		10	
M	0690	RFF	Reference	M	1		
	0830		Segment Group 20: PCI-SG21	C		9999	
M	0840	PCI	Package Identification	M	1		
	0880		Segment Group 21: GIN	C		10	
M	0890	GIN	Goods Identity Number	M	1		

Summary Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
-----------------------	-----------------	----------------	-------------	------------------	----------------	---------------------	---------------------------

M	0980	CNT	Control Total	C	5
	0990	UNT	Message Trailer	M	1

Segment: UNH Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.
 Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 DESADV 0052 D 0054 96A 0051 UN

Dependency Notes:

Semantic Notes:

Comments:

Business Rules: Variable Name: UNH1

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14
M	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
M		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. DESADV Despatch advice message A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message.	M an..6
M		0052	Message type version number Version number of a message type. D Version D of the standard	M an..3
M		0054	Message type release number Release number within the current message type version number (0052). 96A Version 96A of the standard	M an..3
M		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	M an..2
		0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. EAN008 Version EAN008	C an..6
	0068		COMMON ACCESS REFERENCE Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C an..35
	S010		STATUS OF THE TRANSFER	C

M		Statement that the message is one in a sequence of transfers relating to the same topic.	
	0070	Sequence message transfer number	M n..2
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	
	0073	First/last sequence message transfer indication	C a1
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic.	

Segment: BGM Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment for unique identification of the Despatch Advice document, by means of its name and its number.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	C002		DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.	C
M/U		1001	Document/message name, coded Document/message identifier expressed in code. 351 Despatch advice Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.	C an..3
M/U	1004		DOCUMENT/MESSAGE NUMBER Reference number assigned to the document/message by the issuer. Level 2 note: Fulfillment Confirmation transaction ID.	C an..35
	1225		MESSAGE FUNCTION, CODED Code indicating the function of the message. 9 Original Initial transmission related to a given transaction.	C an..3

Segment: DTM Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose: Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Level 2 note
 All dates/times must be sent in GMT and "GMT" should be used as the timezone code in the DTM01:02.
 Required only when reporting a Despatch advice, not a Cancel.

Data Element Summary

User	Data	Component			Attributes
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	C507		DATE/TIME/PERIOD		M
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	Date/time/period qualifier		M an..3
			Code giving specific meaning to a date, time or period.		
			11 Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped.		
			Level 2 note: If reporting shipment of a consignment via a freight carrier, date the consignment was transferred to the freight carrier.		
		2380	Date/time/period		C an..35
			The value of a date, a date and time, a time or of a period in a specified representation.		
			Level 2 note: * Time is required when providing a ship date		
		2379	Date/time/period format qualifier		C an..3
			Specification of the representation of a date, a date and time or of a period.		
			304 CCYYMMDDHHMMSSZZ See 204 plus Z=Time zone.		

Group: RFF Segment Group 1: Reference
Position: 0070
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose: A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0080	RFF	Reference	M	1	
	0090	DTM	Date/Time/Period	C	1	

Segment: RFF Reference
Position: 0080 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
			BM Bill of lading number Reference number assigned to a bill of lading, see: 1001 = 705. Level 2 note: Bill of lading number	
			ON Order number (purchase) [1022] Reference number assigned by the buyer to an order. Level 2 note: Order number from ORDERS BGM02	
		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C an..35
		1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6

Segment: DTM Date/Time/Period
Position: 0090
Group: Segment Group 1 (Reference) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: Date/time/period from the referred document.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Level 1 note

Use with "BM" and "ON" qualified RFF groups

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M
M		2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. 4 Order date/time [2010] Date when an order is issued.	M an..3
			Level 2 note: When RFF01-01 = "ON", date order was issued	
		2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period. 304 CCYYMMDDHHMMSSZZ See 204 plus Z=Time zone.	C an..3

Group: NAD Segment Group 2: Name and Address
Position: 0100
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Notes: **Level 2 note:**

It is not necessary to report name / address information as part of the Fulfillment Confirmation message except under the following condition:

If product is being shipped from a location that is not established as a warehouse in the Rithum application. In that case, provide the full name and address of the facility from which the shipment originated with the "SF" qualifier in the NAD01.

Note: when a warehouse is established in the Rithum application with a warehouse ID, that ID will be reported in the LINs (segment group 15) for each product that was shipped.

If product is being shipped to a store location use the NAD01 "ST" qualifier and enter ship to store number in the NAD02

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0110	NAD	Name and Address	M	1	
	0120	LOC	Place/Location Identification	C	10	
	0160		Segment Group 4: Contact Information	C		10

Segment: **NAD Name and Address**
Position: 0110 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment. It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	3035		PARTY QUALIFIER Code giving specific meaning to a party. SF Ship from Identification of the party from where goods will be or have been shipped. ST Ship to Identification of the party to where goods will be or have been shipped.	M an..3
	C082		PARTY IDENTIFICATION DETAILS	C
M		3039	Party id. identification Identification of a transaction party by code. Code identifying a party involved in a transaction. Level 1 note: Ship To Store Number. Address not required for ST.	M an..35
	C080		PARTY NAME	C
			Identification of a transaction party by name, one to five lines. Party name may be formatted.	
M		3036	Party name Name of a party involved in a transaction.	M an..35
		3036	Party name Name of a party involved in a transaction.	C an..35
	C059		STREET	C
			Street address and/or PO Box number in a structured address: one to three lines.	
M		3042	Street and number/p.o. box Street and number in plain language, or Post Office Box No.	M an..35
		3042	Street and number/p.o. box Street and number in plain language, or Post Office Box No.	C an..35
	3164		CITY NAME Name of a city (a town, a village) for addressing purposes.	C an..35
	3229		COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	C an..9
	3251		POSTCODE IDENTIFICATION Code defining postal zones or addresses.	C an..9

3207

COUNTRY, CODED

C an..3

Identification of the name of a country or other geographical entity as specified in ISO 3166.

Segment: **LOC Place/Location Identification**
Position: 0120
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. 80 Place of despatch Place at which the goods are taken over for carriage (operational term), if different from the transport contract place of acceptance (see: 10). Synonym: Place of origin of carriage. Level 2 note: Ship From Address Type	M an..3
	C517		LOCATION IDENTIFICATION Identification of a location by code or name. Level 2 note: Ship From Address Type. "Commercial" or "Residential"	C
		3225	Place/location identification Identification of the name of place/location, other than 3164 City name.	C an..25

Group: CTA Segment Group 4: Contact Information
Position: 0160
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments to identify the people, functions, departments and appropriate numbers to whom communication should be directed.

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0170	CTA	Contact Information	M	1	
	0180	COM	Communication Contact	C	5	

Segment: CTA Contact Information
Position: 0170 (Trigger Segment)
Group: Segment Group 4 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the person, function or department to whom communication should be directed.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	3139		CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person). DL Delivery contact Department/person responsible for delivery. Level 2 note: Company name if shipping to a business address	C an..3
	C056		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.	C
		3413	Department or employee identification Internal identification code.	C an..17
		3412	Department or employee The department or person within an organizational entity.	C an..35

Segment: **COM Communication Contact**
Position: 0180
Group: Segment Group 4 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to identify communication types and numbers for the person, function or department identified in the CTA.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M
M		3148	Communication number The communication number.	M an..512
M		3155	Communication channel qualifier Code identifying the type of communication channel being used.	M an..3
			EM Electronic mail Creating/sending/receiving of unstructured free text messages or documents using computer network, a mini- computer or an attached modem and regular telephone line or other electronic transmission media.	
			TE Telephone Voice/data transmission by telephone.	

Group: TDT Segment Group 6: Details of Transport
Position: 0230
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0240	TDT	Details of Transport	M	1	

Segment: TDT Details of Transport
Position: 0240 (Trigger Segment)
Group: Segment Group 6 (Details of Transport) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Level 2 note

Details regarding freight consignment.

Data Element Summary

User	Data	Component		
Attribute	Element	Element	Name	Attributes
M	8051		TRANSPORT STAGE QUALIFIER Qualifier giving a specific meaning to the transport details. 25 Delivery carrier all transport Carrier responsible from the point of origin to the final delivery destination.	M an..3
	C220		MODE OF TRANSPORT Method of transport code or name. Code preferred.	C
X		8067	Mode of transport, coded	C an..3
		8066	Mode of transport Method of transport used for the carriage of the goods.	C an..17
			Level 2 note: Ship method code for a freight consignment.	
	C040		CARRIER Identification of a carrier by code and/or by name. Code preferred.	C
		3127	Carrier identification Identification of party undertaking or arranging transport of goods between named points.	C an..17
			Level 2 note: The shipping service level requested.	
		3128	Carrier name Name of party undertaking or arranging transport of goods between named points.	C an..35
			Level 2 note: Name of shipping carrier handling the transportation of a freight consignment.	
	C222		TRANSPORT IDENTIFICATION Code and/or name identifying the means of transport.	C
X		8213	Id. of means of transport identification	C an..9
M		8212	Id. of the means of transport Identification of the means of transport by name or number.	M an..35
			Level 2 note: Waybill number for tracking a freight consignment.	

Group: CPS Segment Group 10: Consignment Packing Sequence
Position: 0370
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0380	CPS	Consignment Packing Sequence	M	1	
	0400		Segment Group 11: Package	C		9999
	0550		Segment Group 15: Line Item	C		9999

Segment: CPS Consignment Packing Sequence
Position: 0380 (Trigger Segment)
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Level 2 note

Each CPS group must contain at least one LIN (segment group 15).

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	7164		HIERARCHICAL ID. NUMBER A unique number assigned by the sender to identify a level within a hierarchical structure. Level 2 note: Begin at 1 and increment by 1 for each CPS.	M an..12
	7075		PACKAGING LEVEL, CODED Indication of level of packaging specified. Level 2 note: For product that was shipped include this code. Omit this code when reporting actions other than ship. 4 No packaging hierarchy There is no specifiable level of packaging: packaging is inner and outer level as well. Level 2 note: When this packaging level is specified there can be only one LIN (segment group15) in the CPS (segment group 10)	C an..3

Group: PAC Segment Group 11: Package
Position: 0400
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose: 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.

Notes: **Level 2 note:**

Details about a package shipped with a parcel carrier or a handling unit (piece) that is part of a freight consignment.

If reporting shipment of a freight consignment where handling unit information is not available, omit the PAC groups.

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0410	PAC	Package	M		1

Segment: PAC Package
Position: 0410 (Trigger Segment)
Group: Segment Group 11 (Package) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Level 2 note

Describe parcel package or freight handling unit. If freight handling unit, do not populate PAC03 or PAC04.

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	7224		NUMBER OF PACKAGES Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing. Level 2 note: Count of products that are included in the package. When CPS04 = 4, this quantity should be the portion of the LIN (segment group 15) QTY01-02 value that is included in this package. The sum of PAC01 values within a CPS (group 10) should always equal the sum of the "12" qualified QTY01-02 values in that group.	C n..8
	C202		PACKAGE TYPE Type of package by name or by code from a specified source. Level 2 note: Do not populate if reporting a handling unit that is part of a freight consignment.	C
		7065	Type of packages identification Coded description of the form in which goods are presented.	C an..17
		7064	Type of packages Description of the form in which goods are presented.	C an..35

Group: LIN Segment Group 15: Line Item
Position: 0550
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 9999
Purpose: A group of segments providing details of the individual despatched items.
Notes:

Level 2 note: Identifies a lineitem in an order, an action taken on that lineitem, and the quantity of the lineitem affected by the action.

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0560	LIN	Line Item	M	1	
	0570	PIA	Additional Product Id	C	10	
M/U	0600	QTY	Quantity	C	10	
	0630	GIR	Related Identification Numbers	C	100	
	0650	DTM	Date/Time/Period	C	5	
	0660	FTX	Free Text	C	5	
	0680		Segment Group 16: Reference	C		10
	0830		Segment Group 20: Package Identification	C		9999

Segment: LIN Line Item
Position: 0560 (Trigger Segment)
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the product being despatched.
 All other segments in the detail section following the LIN segment refer to that line item.

Dependency Notes:

Semantic Notes:

Comments:

Notes: **Level 2 note**
 Identify lineitem and product.

Data Element Summary

User Attribute	Data Element	Component Element	Name	Attributes
	1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles. Level 2 note: Line number from purchase order	C n..6
M/U	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
		7140	Item number A number allocated to a group or item.	C an..35
		7143	Item number type, coded Identification of the type of item number. Level 2 note: Vendor SKU	C an..3
			VN Vendor item number Reference number assigned by a vendor/seller identifying a product/service/article.	

Segment: PIA Additional Product Id
Position: 0570
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment providing additional product identification.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

User	Data	Component			Attributes
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	4347		PRODUCT ID. FUNCTION QUALIFIER		M an..3
			Indication of the function of the product code.		
			5 Product identification		
M	C212		ITEM NUMBER IDENTIFICATION		M
			Goods identification for a specified source.		
		7140	Item number		C an..35
			A number allocated to a group or item.		
		7143	Item number type, coded		C an..3
			Identification of the type of item number.		
			SK SKU (Stock keeping unit)		
			Reference number of a stock keeping unit.		
			Level 2 note:		
			Merchant SKU		
	C212		ITEM NUMBER IDENTIFICATION		C
			Goods identification for a specified source.		
		7140	Item number		C an..35
			A number allocated to a group or item.		
		7143	Item number type, coded		C an..3
			Identification of the type of item number.		
			EN International Article Numbering Association (EAN)		
			Number assigned to a manufacturer's product according to the International Article Numbering Association.		
			Level 2 note:		
			GS1 Product ID - any of UPC, EAN or GTIN.		
	C212		ITEM NUMBER IDENTIFICATION		C
			Goods identification for a specified source.		
		7140	Item number		C an..35
			A number allocated to a group or item.		
		7143	Item number type, coded		C an..3
			Identification of the type of item number.		
			UP UPC (Universal product code)		
			Number assigned to a manufacturer's product by the Product Code Council.		

Segment: QTY Quantity
Position: 0600
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Required)
Max Use: 10
Purpose: A segment to give quantity information concerning the product.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity.	M an..3
			12 Despatch quantity Quantity despatched by the seller.	
			Level 2 note: Use when confirming shipment	
			182 Cancelled quantity Quantity of the referenced item which has previously been ordered and is now cancelled.	
			Level 2 note: Cancel reason must be reported in the FTX segment of the CPS (group 10)	
M		6060	Quantity Numeric value of a quantity.	M n..15

Segment: GIR Related Identification Numbers
Position: 0630
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 100
Purpose: A segment providing sets of related identification numbers for a line item, e.g. engine number, chassis number and transmission number for a vehicle.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	7297		SET IDENTIFICATION QUALIFIER Identification of the type of set. 1 Product	M an..3
M	C206		IDENTIFICATION NUMBER The identification of an object.	M
M		7402	Identity number A value given to an object for identification purposes.	M an..35
		7405	Identity number qualifier Code specifying the type/source of identity number. BN Serial number Identification number of an item which distinguishes this specific item out of a number of identical items.	C an..3

Segment: DTM Date/Time/Period
Position: 0650
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment providing date, time information related to the line item, e.g. production date.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Level 1 note

All dates/times must be sent in GMT and "GMT" should be used as the timezone code in the DTM01:02.

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M
M		2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. 11 Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped.	M an..3
			Level 2 note: Indicates the date the package was transferred to the parcel carrier. Do not populate if reporting a handling unit that is part of a freight consignment.	
		2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period. 304 CCYYMMDDHHMMSSZZ See 204 plus Z=Time zone.	C an..3

Segment: FTX Free Text
Position: 0660
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment with free text information in coded or clear form to give further clarification, when required, to the line item. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Level 2 note

Use to report a reason for the action being taken.

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. ACD Reason Reason for a request or response.	M an..3
	C108		TEXT LITERAL Free text; one to five lines.	C
M		4440	Free text Free text field available to the message sender for information. Level 2 note: Reason for action. Required for cancel actions. Not used for ship actions.	M an..70

Group: RFF Segment Group 16: Reference
Position: 0680
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Required)
Max Use: 10
Purpose: A group of segments to give reference numbers and dates.

Segment Summary

<u>User</u> <u>Attribute</u>	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0690	RFF	Reference	M	1	

Segment: RFF Reference
Position: 0690 (Trigger Segment)
Group: Segment Group 16 (Reference) Conditional (Required)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying documents related to the line item.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
		AET	Request for cancellation number Level 2 note: When QTY01-01 = 182 (cancel), Freeform text related to cancel reason	
		LS	Bar coded label serial number Level 2 note: Package Tracking Number	
		WS	Warehouse storage location number Level 2 note: When QTY01-01 = 12 (ship), ID of supplier warehouse that product was shipped from	
		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. Level 2 note: The value will be either Package Warehouse Code or Package Tracking Number depending on the value of RFF01-01.	C an..35

Group: PCI Segment Group 20: Package Identification
Position: 0830
Group: Segment Group 15 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0840	PCI	Package Identification	M	1	
	0880		Segment Group 21: Goods Identity Number	C		10

Segment: **PCI Package Identification**
Position: 0840 (Trigger Segment)
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying marking and labels used on individual packages or a range of packages.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
	4233		MARKING INSTRUCTIONS, CODED Code indicating instructions on how specified packages or physical units should be marked. 30	C an..3 Mark serial shipping container code Requests the marking of the serial shipping container code to the transport container or packaging.

Group: **GIN Segment Group 21: Goods Identity Number**
Position: 0880
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving package identification numbers and, where relevant, delivery limitation information.

Segment Summary

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0890	GIN	Goods Identity Number	M	1	

Segment: **GIN Goods Identity Number**
Position: 0890 (Trigger Segment)
Group: Segment Group 21 (Goods Identity Number) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment providing identification numbers being applied to the packages despatched.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	7405		IDENTITY NUMBER QUALIFIER Code specifying the type/source of identity number. BJ Serial shipping container code Serial code uniquely identifying a shipping container.	M an..3
M	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	M
M		7402	Identity number A value given to an object for identification purposes.	M an..35

Segment: CNT Control Total
Position: 0980
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment by which control totals may be provided by sender for checking by the receiver.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C270		CONTROL	M
			Control total for checking integrity of a message or part of a message.	
M		6069	Control qualifier	M an..3
			Determines the source data elements in the message which forms the basis for 6066 Control value.	
			2 Number of line items in message	
M		6066	Control value	M n..18
			Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).	

Segment: UNT Message Trailer
Position: 0990
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u> <u>Name</u>	
M	0074	NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M n..6
M	0062	MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14

