

# Delivery Schedule Message

**EDIFACT/D97A/DELFOR**

**Version: 2.0**

**Publication: 04.28.2015**



Table of Contents

Delivery Schedule Message..... 3

UNH Message Header ..... 5

BGM Beginning Of Message..... 6

DTM Date/Time/Period ..... 7

Segment Group 1 ..... 8

Segment Group 2..... 9

Segment Group 6..... 11

Segment Group 12..... 12

Segment Group 13..... 17

Segment Group 20..... 18

Segment Group 27 ..... 20

Segment Group 28..... 21

UNT Message Trailer ..... 23

Example: ..... 24

# Delivery Schedule Message

## Definition:

WARNING! This version of the DELFOR is not upward compatible with versions prior to D96B. DELFOR is a message which is sent from a party who is planning the use or consumption of products to a party who has to plan for the supply of the products. The message gives the requirements regarding details for short term delivery and/or medium to long scheduling for products. The scheduling can be used to authorize manufacturing and or the provision of materials. This is based on the terms and conditions defined in a purchase order or contract.

## Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0010	UNH	Message Header	M	1	N0/0010	Must use
0020	BGM	Beginning Of Message	M	1	N0/0020	Must use
0030	DTM	Date/Time/Period	M	10	N0/0030	Must use
<b>0050</b>		<b>Segment Group 1</b>	<b>C</b>	<b>10</b>	<b>N0/0050</b>	<b>Used</b>
0060	RFF	Reference	M	1	N0/0060	Must use
<b>0080</b>		<b>Segment Group 2</b>	<b>C</b>	<b>99</b>	<b>N0/0080</b>	<b>Used</b>
0090	NAD	Name And Address	M	1	N0/0090	Must use
<b>0190</b>		<b>Segment Group 6</b>	<b>C</b>	<b>9999</b>	<b>N0/0190</b>	<b>Used</b>
0200	GIS	General Indicator	M	1	N0/0200	Must use
<b>0370</b>		<b>Segment Group 12</b>	<b>C</b>	<b>9999</b>	<b>N0/0370</b>	<b>Used</b>
0380	LIN	Line Item	M	1	N0/0380	Must use
0390	PIA	Additional Product Id	C	10	N0/0390	Used
0400	IMD	Item Description	C	10	N0/0400	Used
<b>0480</b>		<b>Segment Group 13</b>	<b>C</b>	<b>10</b>	<b>N0/0480</b>	<b>Used</b>
0490	RFF	Reference	M	1	N0/0490	Must use
<b>0680</b>		<b>Segment Group 20</b>	<b>C</b>	<b>99</b>	<b>N0/0680</b>	<b>Used</b>
0690	PAC	Package	M	1	N0/0690	Must use
0710	QTY	Quantity	C	5	N0/0710	Used
<b>0920</b>		<b>Segment Group 27</b>	<b>M</b>	<b>999</b>	<b>N0/0920</b>	<b>Must use</b>
0930	SCC	Scheduling Conditions	M	1	N0/0930	Must use
<b>0940</b>		<b>Segment Group 28</b>	<b>M</b>	<b>999</b>	<b>N0/0940</b>	<b>Must use</b>
0950	QTY	Quantity	M	1	N0/0950	Must use
0960	DTM	Date/Time/Period	C	2	N0/0960	Used
1030	UNT	Message Trailer	M	1	N0/1030	Must use

## Clarification:

- 0/0010 A service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR. Note: Delivery schedule messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 DELFOR 0052 D 0054 97A 0051 UN
- 0/0020 A segment for unique identification of the Delivery schedule message by means of its name and its number and its function (original, replacement, change).
- 0/0030 The DTM segment shall be specified at least once to identify the Delivery schedule message date. This segment can be included to indicate the beginning and the end date of the schedule.
- 0/0050 A group of segments giving references relevant to the whole message, e.g. contract number.
- 0/0060 A segment for giving references to the whole Delivery schedule message, e.g. contract, original message number (AGO), previous message number (ACW), import or export license.
- 0/0080 A group of segments identifying parties by their names, addresses, locations, references and contacts

relevant to the whole delivery schedule.

- 0/0090 A segment for identifying names and addresses and their functions relevant for the whole Delivery schedule. The principal parties for the Delivery schedule message shall be identified. The identification of the recipient of the goods must be given in the NAD segment in the detail section. It is recommended that where possible only the coded form of the party ID should be specified.
- 0/0190 A group of segments providing details on delivery points and products and related information using one of both scheduling methods (as described in 1.3 Principles).
- 0/0200 A segment to indicate which method is used by the relevant processing indicator code.
- 0/0370 A group of segments providing details of the individual line items for both methods.
- 0/0380 A segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.
- 0/0390 A segment providing additional product identification.
- 0/0400 A segment for describing the product or the service to be delivered. This segment should be used for products that cannot be identified by a product code or article number.
- 0/0480 A group of segments giving references related to the line item and where necessary, their dates.
- 0/0490 A segment for identifying references to the line item, e.g. a contract and its appropriate line item, original message number, previous message number if different per line item.
- 0/0680 A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item to be delivered.
- 0/0690 A segment specifying the number of package units and the type of packaging for the line item, e.g. pallet.
- 0/0710 A segment to specify pertinent quantities relating to the physical units (packages) described in the PAC segment.
- 0/0760 A group of segments providing details of the individual delivery points for the given product.
- 0/0920 A group of segments specifying scheduling information detailing quantities and date for the given delivery point. This segment group also specifies references and their associated dates related to the schedule as required for the delivery point.
- 0/0930 A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery schedule for a weekly pattern.
- 0/0940 A group of segments specifying product quantities and associated dates.
- 0/0950 A segment to specify pertinent quantities which may relate to schedule(s) and/or pattern established in the SCC segment, e.g. delivery quantity for a specified date.
- 0/0960 A segment indicating the date/time/period details relating to the given quantity.
- 0/1030 A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

# UNH Message Header

**User Option (Usage):**

Must use

**Function:**

To head, identify and specify a message.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	<b>Message reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Unique message reference assigned by the sender.				
UNH020	S009	<b>Message Identifier</b>	M	Comp		Must use
		<b>Description:</b> Identification of the type, version etc. of the message being interchanged.				
UNH020-010	0065	<b>Message type identifier</b>	M	an	1/6	Must use
		<b>Description:</b> Code identifying a type of message and assigned by its controlling agency.				
		<b>CodeList Summary</b> (Total Codes: 145, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		DELFOR		Delivery schedule message		
UNH020-020	0052	<b>Message type version number</b>	M	an	1/3	Must use
		<b>Description:</b> Version number of a message type.				
		<b>CodeList Summary</b> (Total Codes: 7, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		D		Draft version		
UNH020-030	0054	<b>Message type release number</b>	M	an	1/3	Must use
		<b>Description:</b> Release number within the current message type version number (0052).				
		<b>CodeList Summary</b> (Total Codes: 15, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		97A		Release 1997 - A		
UNH020-040	0051	<b>Controlling agency</b>	M	an	1/2	Must use
		<b>Description:</b> Code identifying the agency controlling the specification, maintenance and publication of the message type.				
UNH020-050	0057	<b>Association assigned code</b>	C	an	1/6	Used
		<b>Description:</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				

# BGM Beginning Of Message

## User Option (Usage):

Must use

## Function:

To indicate the type and function of a message and to transmit the identifying number.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	<b>Document/Message Name</b>	C	Comp		Used
		<b>Description:</b> Identification of a type of document/message by code or name. Code preferred.				
BGM010-010	1001	<b>Document/message name, coded</b>	C	an	1/3	Used
		<b>Description:</b> Document/message identifier expressed in code.				
		<b>CodeList Summary</b> (Total Codes: 424, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		241		Delivery schedule		
BGM010-020	1131	<b>Code list qualifier</b>	C	an	1/3	Used
		<b>Description:</b> Identification of a code list. <b>All valid standard codes are used. (Total Codes: 123)</b>				
BGM010-030	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
BGM010-040	1000	<b>Document/message name</b>	C	an	1/35	Used
		<b>Description:</b> Plain language identifier specifying the function of a document/message.				
BGM020	C106	<b>Document/Message Identification</b>	C	Comp		Used
		<b>Description:</b> Identification of a document/message by its number and eventually its version or revision.				
BGM020-010	1004	<b>Document/message number</b>	C	an	1/35	Used
		<b>Description:</b> Reference number assigned to the document/message by the issuer.				
BGM030	1225	<b>Message function, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code indicating the function of the message.				
		<b>CodeList Summary</b> (Total Codes: 55, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		26		Delivery instruction and forecast		
BGM040	4343	<b>Response type, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the type of acknowledgment required or transmitted. <b>All valid standard codes are used. (Total Codes: 13)</b>				

# DTM Date/Time/Period

**User Option (Usage):**

Must use

**Function:**

To specify date, and/or time, or period.

**Element Summary:**

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Must use

**Description:** Date and/or time, or period relevant to the specified date/time/period type.

DTM010-010	2005	Date/time/period qualifier	M	an	1/3	Must use
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**Description:** Code giving specific meaning to a date, time or period.

**CodeList Summary** (Total Codes: 364, Included: 3)

<u>Code</u>	<u>Name</u>
137	Document/message date/time
158	Horizon start date
159	Horizon end date

DTM010-020	2380	Date/time/period	C	an	1/35	Used
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**Description:** The value of a date, a date and time, a time or of a period in a specified representation.

DTM010-030	2379	Date/time/period format qualifier	C	an	1/3	Used
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**Description:** Specification of the representation of a date, a date and time or of a period.

**CodeList Summary** (Total Codes: 70, Included: 1)

<u>Code</u>	<u>Name</u>
102	CCYYMMDD



# Segment Group 1

## User Option (Usage):

Used

## Function:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0060	RFF	Reference	M	1	Must use

## RFF Reference

## User Option (Usage):

Must use

## Function:

To specify a reference.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	Reference	M	Comp		Must use

**Description:** Identification of a reference.

RFF010-010	1153	Reference qualifier	M	an	1/3	Must use
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**Description:** Code giving specific meaning to a reference segment or a reference number.

### CodeList Summary (Total Codes: 504, Included: 2)

<u>Code</u>	<u>Name</u>
VR	Vendor ID number
ACD	Additional reference number

RFF010-020	1154	Reference number	C	an	1/35	Used
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**Description:** Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

RFF010-030	1156	Line number	C	an	1/6	Used
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**Description:** Number of the line in the document/message referenced in 1154 Reference number.

RFF010-040	4000	Reference version number	C	an	1/35	Used
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**Description:** To uniquely identify a reference by its revision number.

# Segment Group 2

## User Option (Usage):

Used

## Function:

### Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0090	NAD	Name And Address	M	1	Must use

## NAD Name and Address

### User Option (Usage):

Must use

### Function:

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

### Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party qualifier	M	an	1/3	Must use

**Description:** Code giving specific meaning to a party.

**CodeList Summary** (Total Codes: 325, Included: 2)

<u>Code</u>	<u>Name</u>
BY	Buyer
SE	Seller

NAD020	C082	Party Identification Details	C	Comp		Used
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**Description:** Identification of a transaction party by code.

NAD020-010	3039	Party id. identification	M	an	1/35	Must use
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**Description:** Code identifying a party involved in a transaction.

NAD020-020	1131	Code list qualifier	C	an	1/3	Used
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**Description:** Identification of a code list.  
**All valid standard codes are used. (Total Codes: 123)**

NAD020-030	3055	Code list responsible agency, coded	C	an	1/3	Used
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**Description:** Code identifying the agency responsible for a code list.

**CodeList Summary** (Total Codes: 195, Included: 2)

<u>Code</u>	<u>Name</u>
91	Assigned by seller or seller's agent
92	Assigned by buyer or buyer's agent

NAD030	C058	<b>Name And Address</b>	C	Comp		Used
		<b>Description:</b> Unstructured name and address: one to five lines.				
NAD030-010	3124	<b>Name and address line</b>	M	an	1/35	Must use
		<b>Description:</b> Free form name and address description.				
NAD030-020	3124	<b>Name and address line</b>	C	an	1/35	Used
		<b>Description:</b> Free form name and address description.				
NAD030-030	3124	<b>Name and address line</b>	C	an	1/35	Used
		<b>Description:</b> Free form name and address description.				
NAD030-040	3124	<b>Name and address line</b>	C	an	1/35	Used
		<b>Description:</b> Free form name and address description.				
NAD030-050	3124	<b>Name and address line</b>	C	an	1/35	Used
		<b>Description:</b> Free form name and address description.				

# Segment Group 6

## User Option (Usage):

Used

## Function:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0200	GIS	General Indicator	M	1	Must use
0370		Segment Group 12	C	9999	Used

## GIS General Indicator

## User Option (Usage):

Must use

## Function:

To transmit a processing indicator.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GIS010	C529	Processing Indicator	M	Comp		Must use

**Description:** Type of process indication.

GIS010-010	7365	Processing indicator, coded	M	an	1/3	Must use
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**Description:** Identifies the value to be attributed to indicators required by the processing system.

## CodeList Summary (Total Codes: 68, Included: 1)

<u>Code</u>	<u>Name</u>
ZZZ	Mutually defined

# Segment Group 12

## User Option (Usage):

Used

## Function:

### Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0380	LIN	Line Item	M	1	Must use
0390	PIA	Additional Product Id	C	10	Used
0400	IMD	Item Description	C	10	Used
0480		Segment Group 13	C	10	Used
0680		Segment Group 20	C	99	Used
0760		Segment Group 22	C	999	Used

## LIN Line Item

### User Option (Usage):

Must use

### Function:

To identify a line item and configuration.

### Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN010	1082	Line item number	C	an	1/6	Used
		<b>Description:</b> Serial number designating each separate item within a series of articles.				
LIN020	1229	Action request/notification, coded	C	an	1/3	Used
		<b>Description:</b> Code specifying the action to be taken or already taken. <b>All valid standard codes are used. (Total Codes: 25)</b>				
LIN030	C212	Item Number Identification	C	Comp		Used
		<b>Description:</b> Goods identification for a specified source.				
LIN030-010	7140	Item number	C	an	1/35	Used
		<b>Description:</b> A number allocated to a group or item.				
LIN030-020	7143	Item number type, coded	C	an	1/3	Used
		<b>Description:</b> Identification of the type of item number.				
		<b>CodeList Summary</b> (Total Codes: 86, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		BP		Buyer's part number		
LIN030-030	1131	Code list qualifier	C	an	1/3	Used
		<b>Description:</b> Identification of a code list.				

All valid standard codes are used. (Total Codes: 123)

LIN030-040 3055 Code list responsible agency, coded C an 1/3 Used

**Description:** Code identifying the agency responsible for a code list.  
All valid standard codes are used. (Total Codes: 195)

## PIA Additional Product ID

### User Option (Usage):

Used

### Function:

To specify additional or substitutional item identification codes.

### Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PIA010	4347	Product id. function qualifier	M	an	1/3	Must use
<b>Description:</b> Indication of the function of the product code.						
<b>CodeList Summary</b> (Total Codes: 9, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		1		Additional identification		
PIA020	C212	Item Number Identification	M	Comp		Must use
<b>Description:</b> Goods identification for a specified source.						
PIA020-010	7140	Item number	C	an	1/35	Used
<b>Description:</b> A number allocated to a group or item.						
PIA020-020	7143	Item number type, coded	C	an	1/3	Used
<b>Description:</b> Identification of the type of item number.						
<b>CodeList Summary</b> (Total Codes: 86, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		VP		Vendor's (seller's) part number		
PIA020-030	1131	Code list qualifier	C	an	1/3	Used
<b>Description:</b> Identification of a code list. All valid standard codes are used. (Total Codes: 123)						
PIA020-040	3055	Code list responsible agency, coded	C	an	1/3	Used
<b>Description:</b> Code identifying the agency responsible for a code list. All valid standard codes are used. (Total Codes: 195)						
PIA030	C212	Item Number Identification	C	Comp		Used
<b>Description:</b> Goods identification for a specified source.						
PIA030-010	7140	Item number	C	an	1/35	Used

			<b>Description:</b> A number allocated to a group or item.				
PIA030-020	7143	<b>Item number type, coded</b>	C	an	1/3	Used	
			<b>Description:</b> Identification of the type of item number.				
			<b>CodeList Summary</b> (Total Codes: 86, Included: 1)				
		<u><b>Code</b></u>	<u><b>Name</b></u>				
		EC	Engineering change level				
PIA030-030	1131	<b>Code list qualifier</b>	C	an	1/3	Used	
			<b>Description:</b> Identification of a code list.				
			<b>All valid standard codes are used. (Total Codes: 123)</b>				
PIA030-040	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Used	
			<b>Description:</b> Code identifying the agency responsible for a code list.				
			<b>All valid standard codes are used. (Total Codes: 195)</b>				
PIA040	C212	<b>Item Number Identification</b>	C	Comp		Used	
			<b>Description:</b> Goods identification for a specified source.				
PIA040-010	7140	<b>Item number</b>	C	an	1/35	Used	
			<b>Description:</b> A number allocated to a group or item.				
PIA040-020	7143	<b>Item number type, coded</b>	C	an	1/3	Used	
			<b>Description:</b> Identification of the type of item number.				
			<b>CodeList Summary</b> (Total Codes: 86, Included: 1)				
		<u><b>Code</b></u>	<u><b>Name</b></u>				
		GB	Buyer's internal product group code				
PIA040-030	1131	<b>Code list qualifier</b>	C	an	1/3	Used	
			<b>Description:</b> Identification of a code list.				
			<b>All valid standard codes are used. (Total Codes: 123)</b>				
PIA040-040	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Used	
			<b>Description:</b> Code identifying the agency responsible for a code list.				
			<b>All valid standard codes are used. (Total Codes: 195)</b>				
PIA050	C212	<b>Item Number Identification</b>	C	Comp		Used	
			<b>Description:</b> Goods identification for a specified source.				
PIA050-010	7140	<b>Item number</b>	C	an	1/35	Used	
			<b>Description:</b> A number allocated to a group or item.				
PIA050-020	7143	<b>Item number type, coded</b>	C	an	1/3	Used	
			<b>Description:</b> Identification of the type of item number.				
			<b>CodeList Summary</b> (Total Codes: 86, Included: 1)				
		<u><b>Code</b></u>	<u><b>Name</b></u>				

		MF	Manufacturer's (producer's) article number				
PIA050-030	1131	<b>Code list qualifier</b>	C	an	1/3	Used	
		<b>Description:</b> Identification of a code list. <b>All valid standard codes are used. (Total Codes: 123)</b>					
PIA050-040	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Used	
		<b>Description:</b> Code identifying the agency responsible for a code list. <b>All valid standard codes are used. (Total Codes: 195)</b>					
PIA060	C212	<b>Item Number Identification</b>	C	Comp		Used	
		<b>Description:</b> Goods identification for a specified source.					
PIA060-010	7140	<b>Item number</b>	C	an	1/35	Used	
		<b>Description:</b> A number allocated to a group or item.					
PIA060-020	7143	<b>Item number type, coded</b>	C	an	1/3	Used	
		<b>Description:</b> Identification of the type of item number.					
		<b>CodeList Summary</b> (Total Codes: 86, Included: 1)					
		<u>Code</u>		<u>Name</u>			
		UA		Ultimate customer's article number			
PIA060-030	1131	<b>Code list qualifier</b>	C	an	1/3	Used	
		<b>Description:</b> Identification of a code list. <b>All valid standard codes are used. (Total Codes: 123)</b>					
PIA060-040	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Used	
		<b>Description:</b> Code identifying the agency responsible for a code list. <b>All valid standard codes are used. (Total Codes: 195)</b>					

## IMD Item Description

### User Option (Usage):

Used

### Function:

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

### Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IMD010	7077	<b>Item description type, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code indicating the format of a description.				
		<b>Code List Summary</b> (Total Codes: 8, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
IMD020	7081	<b>Item characteristic, coded</b>	C	an	1/3	Used



**Description:** Code specifying the item characteristic being described.

IMD030 C273 **Item Description** C Comp Used

**Description:** Description of an item.

IMD030-010 7009 **Item description identification** C an 1/17 Used

**Description:** Code from an industry code list which provides specific data about a product characteristic.

IMD030-020 1131 **Code list qualifier** C an 1/3 Used

**Description:** Identification of a code list.

**All valid standard codes are used. (Total Codes: 123)**

IMD030-030 3055 **Code list responsible agency, coded** C an 1/3 Used

**Description:** Code identifying the agency responsible for a code list.

**All valid standard codes are used. (Total Codes: 195)**

IMD030-040 7008 **Item description** C an 1/35 Used

**Description:** Plain language description of articles or products.

IMD030-050 7008 **Item description** C an 1/35 Used

**Description:** Plain language description of articles or products.

# Segment Group 13

## User Option (Usage):

Used

## Function:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0490	RFF	Reference	M	1	Must use

## RFF Reference

## User Option (Usage):

Must use

## Function:

To specify a reference.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	Reference	M	Comp		Must use

**Description:** Identification of a reference.

RFF010-010	1153	Reference qualifier	M	an	1/3	Must use
------------	------	---------------------	---	----	-----	----------

**Description:** Code giving specific meaning to a reference segment or a reference number.

### CodeList Summary (Total Codes: 504, Included: 1)

<u>Code</u>	<u>Name</u>
ON	Order number (purchase)

RFF010-020	1154	Reference number	C	an	1/35	Used
<b>Description:</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.						

RFF010-030	1156	Line number	C	an	1/6	Used
<b>Description:</b> Number of the line in the document/message referenced in 1154 Reference number.						

RFF010-040	4000	Reference version number	C	an	1/35	Used
------------	------	--------------------------	---	----	------	------

**Description:** To uniquely identify a reference by its revision number.

# Segment Group 20

## User Option (Usage):

Used

## Function:

### Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0690	PAC	PACKAGE	M	1	Must use
0710	QTY	QUANTITY	C	5	Used

## PAC Package

## User Option (Usage):

Must use

## Function:

To describe the number and type of packages/physical units.

### Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PAC020	C531	Packaging Details	C	Comp		Used

**Description:** Packaging level and details, terms and conditions.

PAC020-020	7233	Packaging related information, coded	C	an	1/3	Used
------------	------	--------------------------------------	---	----	-----	------

**Description:** Code giving packaging, handling and marking related information.

**CodeList Summary** (Total Codes: 38, Included: 1)

<u>Code</u>	<u>Name</u>
35	Type of package

PAC030	C202	PACKAGE TYPE	C	Comp		Used
--------	------	--------------	---	------	--	------

**Description:** Type of package by name or by code from a specified source.

PAC030-040	7064	Type of packages	C	an	1/35	Used
------------	------	------------------	---	----	------	------

**Description:** Description of the form in which goods are presented.

PAC040	C402	Package Type Identification	C	Comp		Used
--------	------	-----------------------------	---	------	--	------

**Description:** Identification of the form in which goods are described.

PAC040-010	7077	Item description type, coded	M	an	1/3	Must use
------------	------	------------------------------	---	----	-----	----------

**Description:** Code indicating the format of a description.

**CodeList Summary** (Total Codes: 8, Included: 1)

<u>Code</u>	<u>Name</u>
F	Free-form

## QTY Quantity

### User Option (Usage):

Used

### Function:

To specify a pertinent quantity.

### Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity Details	M	Comp		Must use

**Description:** Quantity information in a transaction, qualified when relevant.

QTY010-010	6063	Quantity qualifier	M	an	1/3	Must use
------------	------	--------------------	---	----	-----	----------

**Description:** Code giving specific meaning to a quantity.

#### CodeList Summary (Total Codes: 199, Included: 4)

<u>Code</u>	<u>Name</u>
17	Quantity on hand
97	Minimum inventory
98	Maximum inventory
198	Quantity in transit

QTY010-020	6060	Quantity	M	n	1/15	Must use
------------	------	----------	---	---	------	----------

**Description:** Numeric value of a quantity.

QTY010-030	6411	Measure unit qualifier	C	an	1/3	Used
------------	------	------------------------	---	----	-----	------

**Description:** Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

# Segment Group 27

## User Option (Usage):

Must use

## Function:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0930	SCC	Scheduling Conditions	M	1	Must use
0940		Segment Group 28	M	999	Must use

## SCC Scheduling Conditions

## User Option (Usage):

Must use

## Function:

To specify scheduling conditions.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCC010	4017	<b>Delivery plan status indicator, coded</b> <b>Description:</b> Code indicating the level of commitment of schedule information. <b>Code List Summary (Total Codes: 23, Included: 2)</b>	M	an	1/3	Must use
		<b>Code</b> <b>Name</b>				
		1              Firm				
		4              Planning/forecast				
SCC020	4493	<b>Delivery requirements, coded</b> <b>Description:</b> Indication of general instruction for delivery. <b>All valid standard codes are used. (Total Codes: 12)</b>	C	an	1/3	Used
SCC030	C329	<b>Pattern Description</b> <b>Description:</b> Shipment, delivery or production interval pattern and timing.	C	Comp		Used
SCC030-010	2013	<b>Frequency, coded</b> <b>Description:</b> Code specifying interval grouping of the delivery, production, etc. of the schedule. <b>Code List Summary (Total Codes: 14, Included: 1)</b>	C	an	1/3	Used
		<b>Code</b> <b>Name</b>				
		W              Weekly				
SCC030-020	2015	<b>Despatch pattern, coded</b> <b>Description:</b> Code specifying the days/periods for routine shipments or deliveries. <b>All valid standard codes are used. (Total Codes: 48)</b>	C	an	1/3	Used
SCC030-030	2017	<b>Despatch pattern timing, coded</b> <b>Description:</b> Code specifying the detailed times for routine shipments or deliveries within data element 2015 Despatch pattern, coded. <b>All valid standard codes are used. (Total Codes: 10)</b>	C	an	1/3	Used

# Segment Group 28

## User Option (Usage):

Must use

## Function:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0950	QTY	Quantity	M	1	Must use
0960	DTM	Date/Time/Period	C	2	Used

## QTY Quantity

### User Option (Usage):

Must use

### Function:

To specify a pertinent quantity.

### Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity Details	M	Comp		Must use

**Description:** Quantity information in a transaction, qualified when relevant.

QTY010-010	6063	Quantity qualifier	M	an	1/3	Must use
------------	------	--------------------	---	----	-----	----------

**Description:** Code giving specific meaning to a quantity.

#### CodeList Summary (Total Codes: 199, Included: 1)

<u>Code</u>	<u>Name</u>
131	Delivery quantity

QTY010-020	6060	Quantity	M	n	1/15	Must use
------------	------	----------	---	---	------	----------

**Description:** Numeric value of a quantity.

QTY010-030	6411	Measure unit qualifier	C	an	1/3	Used
------------	------	------------------------	---	----	-----	------

**Description:** Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

## DTM Date/Time/Period

### User Option (Usage):

Used

### Function:

To specify date, and/or time, or period.

**Element Summary:**

<u>Ref</u>	<u>Taq</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Must use

**Description:** Date and/or time, or period relevant to the specified date/time/period type.

DTM010-010	2005	Date/time/period qualifier	M	an	1/3	Must use
------------	------	----------------------------	---	----	-----	----------

**Description:** Code giving specific meaning to a date, time or period.

**CodeList Summary** (Total Codes: 364, Included: 1)

<u>Code</u>	<u>Name</u>
2	Delivery date/time, requested

DTM010-020	2380	Date/time/period	C	an	1/35	Used
------------	------	------------------	---	----	------	------

**Description:** The value of a date, a date and time, a time or of a period in a specified representation.

DTM010-030	2379	Date/time/period format qualifier	C	an	1/3	Used
------------	------	-----------------------------------	---	----	-----	------

**Description:** Specification of the representation of a date, a date and time or of a period.

**CodeList Summary** (Total Codes: 70, Included: 1)

<u>Code</u>	<u>Name</u>
102	CCYYMMDD

# UNT Message Trailer

## User Option (Usage):

Must use

## Function:

To end and check the completeness of a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/6	Must use
		<b>Description:</b> Control count of number of segments in a message.				
UNT020	0062	Message reference number	M	an	1/14	Must use
		<b>Description:</b> Unique message reference assigned by the sender.				



# Example:

## Example 1: General Forecast

UNA:+.?   
UNB+UNOC:3+9099999101776+TP ADDRESS+030120:0700+9++DELFOR+++1   
UNH+1+DELFOR:D:97A:UN   
BGM+241:::+200301190700+26   
DTM+137:20030119:102   
DTM+158:20100910:102   
DTM+159:20100911:102   
RFF+ACD:DOC00001   
RFF+VR:FLEX0001   
NAD+BY+FLEXPOL::91+BuyerName:BuyerAddress:BuyerTele+\+)\   
NAD+SE+SP0000163:42:92   
GIS+ZZZ   
LIN+1+++ERBRYT1096093/C:BP   
PIA+1+ERBRYT1096093/C:VP   
PIA+1+001:EC   
PIA+1+SELECODE:GB   
PIA+1+MANFITEM:MF   
PIA+1+CUSTITEM:UA   
IMD+F+++::MICROCIRCUIT PROG 85MHZ 3.3V   
PAC++:35:7+++::Package Description+F   
QTY+3:7500:PCE   
QTY+17:101.00   
QTY+197:102.00   
QTY+97:103.00   
QTY+98:105.00   
RFF+ON:PUR001   
SCC+4++W   
QTY+131:1500:PCE   
DTM+2:20030310:102   
SCC+4   
QTY+131:1500:PCE   
DTM+2:20030428:102   
SCC+4   
QTY+131:1500:PCE   
DTM+2:20030609:102   
SCC+4   
QTY+131:1500:PCE   
DTM+2:20030728:102   
SCC+4   
QTY+131:1500:PCE DTM+2:20030915:102   
LIN+2+++ERBRYT1196136/1:BP   
PIA+1+ERBRYT1196136/1:VP   
IMD+F+++::128k36 8ns 3.3V MICROCIRCUIT   
QTY+3:10000:PCE   
SCC+4   
QTY+131:1000:PCE   
DTM+2:20030217:102   
SCC+4   
QTY+131:1000:PCE   
DTM+2:20030310:102   
SCC+4   
QTY+131:1000:PCE   
DTM+2:20030407:102   
SCC+4   
QTY+131:1000:PCE   
DTM+2:20030505:102   
SCC+4   
QTY+131:1000:PCE   
DTM+2:20030602:102   
SCC+4

QTY+131:1000:PCE  
DTM+2:20030623:102  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030721:102  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030811:102  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030901:102  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030922:102  
LIN+3++ERBRYT1196136/2:BP  
PIA+1+ERBRYT1196136/2:VP  
IMD+F+:::MICROC PPC403GCX-80  
QTY+3:6000:PCE  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030512:102  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030602:102  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030707:102  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030811:102  
SCC+4  
QTY+131:1000:PCE  
DTM+2:20030908:102  
LIN+4++ERBRYT3310163/3C:BP  
PIA+1+ERBRYT3310163/3C:VP  
IMD+F+:::IC 74'163 L+  
QTY+3:20000:PCE'  
SCC+4'  
QTY+131:4000:PCE'  
DTM+2:20030310:102'  
SCC+4'  
QTY+131:4000:PCE' PCE'  
DTM+2:20030324:102'  
SCC+4' QTY+131:2000:PCE'  
DTM+2:20030421:102'  
SCC+4' QTY+131:2000:PCE'  
DTM+2:20030512:102'  
SCC+4' QTY+131:2000:PCE'  
DTM+2:20030602:102'  
SCC+4' QTY+131:2000:PCE'  
DTM+2:20030623:102'  
SCC+4' QTY+131:2000:PCE'  
DTM+2:20030707:102'  
SCC+4' QTY+131:2000:PCE'  
DTM+2:20030728:102'  
UNT+143+1  
UNZ+1+9

## Example 2: Firm & Planned Forecast

UNA:+.?'  
UNB+UNOA:1+941714834TEST:16:9417148340491+ARROW2:ZZ+150306:1826+4++DELFOR++++1'  
UNH+1+DELFOR:D:97A:UN'  
BGM+241:::DELFOR+SP0000932491PAAM-2015096+26'  
DTM+137:20150228:102'  
DTM+158:20150223:102'  
DTM+159:20160221:102'  
RFF+VR:SP0000932'  
RFF+ACD:491SP000093220150228164935-31'  
NAD+BY+491::91'  
NAD+SE+SP0000932::92'  
GIS+ZZZ'  
LIN+1++CISH-11-100074-01:BP'  
PIA+1+A0-3:EC'  
PIA+1+RM LMK105 B7104KV-F:MF'  
PIA+1+FLT:GB'  
PIA+1+11-100074-01:UA'  
QTY+17:0:PCE'  
RFF+ON:49A603003'  
QTY+197:0:PCE'  
QTY+97:0:PCE'  
QTY+98:0:PCE'  
SCC+1++W'  
QTY+131:1300000:PCE'  
DTM+2:20150420:102'  
SCC+1++W'  
QTY+131:0:PCE'  
DTM+2:20150427:102'  
SCC+4++W'  
QTY+131:270000:PCE'  
DTM+2:20150525:102'  
SCC+4++W'  
QTY+131:530000:PCE'  
DTM+2:20150601:102'  
SCC+4++W'  
QTY+131:540000:PCE'  
DTM+2:20150608:102'  
SCC+4++W'  
QTY+131:520000:PCE'  
DTM+2:20150615:102'  
SCC+1++W'  
QTY+131:170000:PCE'  
DTM+2:20150622:102'  
SCC+4++W'  
QTY+131:520000:PCE'  
DTM+2:20150629:102'  
SCC+4++W'  
QTY+131:500000:PCE'  
DTM+2:20150706:102'  
SCC+1++W'  
QTY+131:530000:PCE'  
DTM+2:20150713:102'  
SCC+4++W'  
QTY+131:510000:PCE'  
DTM+2:20150720:102'  
SCC+4++W'  
QTY+131:370000:PCE'  
DTM+2:20150727:102'  
SCC+4++W'  
QTY+131:420000:PCE'  
DTM+2:20150803:102'  
SCC+4++W'  
QTY+131:340000:PCE'  
DTM+2:20150810:102'

SCC+4++W'  
QTY+131:420000:PCE'  
DTM+2:20150817:102'  
SCC+4++W'  
QTY+131:460000:PCE'  
DTM+2:20150824:102'  
SCC+4++W'  
QTY+131:470000:PCE'  
DTM+2:20150831:102'  
SCC+1++W'  
QTY+131:480000:PCE'  
DTM+2:20150907:102'  
SCC+4++W'  
QTY+131:630000:PCE'  
DTM+2:20150914:102'  
SCC+4++W'  
QTY+131:620000:PCE'  
DTM+2:20150921:102'  
SCC+4++W'  
QTY+131:650000:PCE'  
DTM+2:20150928:102'  
SCC+4++W'  
QTY+131:660000:PCE'  
DTM+2:20151005:102'  
SCC+4++W'  
QTY+131:760000:PCE'  
DTM+2:20151012:102'  
SCC+4++W'  
QTY+131:500000:PCE'  
DTM+2:20151019:102'  
SCC+4++W'  
QTY+131:830000:PCE'  
DTM+2:20151026:102'  
SCC+1++W'  
QTY+131:460000:PCE'  
DTM+2:20151109:102'  
SCC+4++W'  
QTY+131:500000:PCE'  
DTM+2:20151116:102'  
SCC+4++W'  
QTY+131:480000:PCE'  
DTM+2:20151123:102'  
SCC+4++W'  
QTY+131:510000:PCE'  
DTM+2:20151130:102'  
SCC+1++W'  
QTY+131:1010000:PCE'  
DTM+2:20151207:102'  
SCC+1++W'  
QTY+131:480000:PCE'  
DTM+2:20151214:102'  
SCC+4++W'  
QTY+131:530000:PCE'  
DTM+2:20151228:102'  
SCC+4++W'  
QTY+131:490000:PCE'  
DTM+2:20160104:102'  
SCC+4++W'  
QTY+131:510000:PCE'  
DTM+2:20160111:102'  
PAC++:35++F:tape and reel'  
UNT+124+1'  
UNZ+1+4'

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