GENERAL MOTORS IMPLEMENTATION GUIDELINES

FOR

DELJIT MESSAGE

DELIVERY JUST IN TIME MESSAGE

CORPORATE INFORMATION STANDARDS
INFORMATION SYSTEMS & SERVICES
GENERAL MOTORS CORPORATION

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GENERAL INFORMATION

PURPOSE

This Implementation Guideline details how General Motors intends to use the DELJIT Message. The message which provides the ability for a customer to convey precise delivery sequence and Just In Time schedule requirements to a supplier, and is intended to supplement the Delivery Schedule Message (DELFOR).

APPLICATION

General Motors plans to use the EDIFACT message standards when this type of information is transmitted to trading partners.   Plans to migrate from the ANSI ASC X12 862, ANSI ASC X12 - 866 or other proprietary standards will be communicated as business plans dictate the need to change.

STRUCTURE OF THE GM IMPLEMENTATION GUIDELINE

The GM Implementation Guideline appearing on the following pages, include the EDIFACT Boilerplate, the Segment Table, Segment explanations and various examples of the DELJIT Message. The Segment Table is a summary of the entire EDIFACT Message, in the left column GM has identified when/if each Segment Group/ Segment is used.   Each segment is defined as "Must Use", "Not Used", or a blank denotes that the segment may be used by some GM entities.

The next portion of the document, the Segment information requirements for data element usage are also defined. GM will use the following symbols in the left column:

>>   GM requires that information is provided

X   GM does not expect to receive this information

(blank)   Some GM locations may expect to receive this data.

The Attributes column, located on the right side of the Segment information, provides the EDIFACT element size. GM plans to conform to the EDIFACT field parameters.

USE OF EDIFACT AND ISO DATA ELEMENT DICTIONARYS

There is one exception to the statement in the gray notes fields used throughout this document that reads, "GM may send any code listed in the Data Dictionary". GM will not sends codes Z, ZZ or ZZZ (described as mutually defined) because they are not specific and cannot be applied to all GM applications.

VERSION

The DELJIT message has been developed based on version 97A of the EDIFACT Standard.

RESPONSIBILITY

This document was developed and is maintained by the General Motors Materials Management EDIFACT Guideline Development group. It is distributed internally to all General Motors EDI and CISCO Coordinators.

MAINTENANCE

Changes to this document will be reviewed by the General Motors Materials Management Maintenance Work Group and Information Systems and Services. The change process can only be initiated by individuals/ organizations within the General Motors Corporation. Changes to the guideline will be considered on a bi-annual basis, to ensure that there is a consistent interpretation of the message.

BOILERPLATE

SEGMENT CLARIFICATION

Heading Section:

UNH   Message Header

A service segment starting and uniquely identifying a message. The message type code for the Delivery just in time message is DELJIT.

Note: Delivery just in time messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 DELJIT   0052 D   0054 97A   0051 UN

BGM   Beginning of Message

A segment for unique identification of the document name and its number.

DTM   Date/Time/Period

A segment specifying the date and, when relevant, the time/period for delivery of that sequence, relating to the whole message. The DTM segment must be specified at least once to identify the Delivery Just In Time document date.

The date/time/period segment within other Segment group should be used whenever the date/time/period requires to be logically related to another specified data item.

FTX   Free Text

Segment giving additional information relevant to the entire message.

Segment Group 1: RFF-DTM

A group of segments giving references only relevant to the specified party rather than the whole message, e.g. contract number.

RFF   Reference

A segment for referencing documents to the whole message, e.g. contract, import/export license.

DTM   Date/Time/Period

date/time/period as applied the referred document.

Segment Group 2: NAD-LOC-FTX-SG3

A group of segments identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message.

NAD   Name and Address

A segment for identifying names and addresses and their functions relevant for the whole Delivery Just In Time Message. Identification of the seller and buyer parties is recommended for the Delivery Just In Time. They are 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, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

FTX   Free Text

A segment with free text in coded or clear form, to give further clarification, when required, about the party. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Segment Group 3: CTA-COM
A group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.

CTA   Contact Information
A segment to identify person, function, department to whom communication should be directed.

COM   Communication Contact
Identify communication types and numbers for person, function, department identified in CTA.

Detail Section:
Segment Group 4: SEQ-DTM-GIR-LOC-SG5-SG7
A group of segments providing details related to the delivery sequence. All other segments in this Segment Group 4 following the SEQ segment refer to that sequence.

SEQ   Sequence Details
A segment providing specific details related to the delivery sequence requested by the buyer or recipient of the product.

DTM   Date/Time/Period
A segment specifying the date, and when relevant, the time/period for delivery of that sequence.

For Sequenced Delivery Process

GIR   Related Identification Numbers
A segment to be able to give related identification numbers.

Segment Group 5: PAC-SG6
Segment group to support KANBAN operation where customers must notify a supplier packaging labels and conditions.

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

Segment Group 6: PCI-GIN
A segment group giving packaging identification and good identity number related to the segment PAC.

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

GIN   Goods Identity Number
To give specific identification numbers, either as single numbers or ranges.

Segment Group 7: LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-SG8-SG9-SG11
A group of segments providing details of the individual line items to be delivered.

LIN   Line Item

A segment identifying the details of the product/service being delivered e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.

PIA   Additional Product Id

A segment providing additional product identification.

IMD   Item Description

A segment for describing the product to be delivered. This segment should be used for products that cannot be identified by a product code or article number.

GIR   Related Identification Numbers

A segment providing sets of related identification numbers for the line item.

FTX   Free Text

A segment with free text in coded or clear form, to give further clarification, when required, to the line group. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Segment Group 8: RFF-DTM

A group of segments giving references and where necessary, their dates, relating to the line item.

RFF   Reference

A segment for referencing document and other numbers related to the line item as specified in the LIN segment.

DTM   Date/Time/Period

Date/time/period as applied to the referred document.

Segment Group 9: LOC-SG10

A group of segments providing delivery location information and where relevant contacts.

LOC   Place/Location Identification

A segment indicating more details regarding specific locations related to the line item.

Segment Group 10: CTA-COM

A group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.

CTA   Contact Information

A segment to identify person, function, department to whom communication should be directed.

COM   Communication Contact

Identify communication types and numbers for person, function, department identified in CTA.

Segment Group 11: QTY-SCC-DTM-SG12

A group of segments specifying quantity related information for actual delivery.

QTY   Quantity

A segment to specify pertinent quantities relating to the line item.

SCC   Scheduling Conditions

A segment indicating the scheduling conditions.

DTM   Date/Time/Period
A segment indicating the date/time/period details relating to the quantity and schedule details in the line item.

Segment Group 12: RFF-DTM
A group of segments giving references relating to the quantities.

RFF   Reference
A segment for referencing the specific product release information e.g. appointment.

DTM   Date/Time/Period
Date/time/period as applied to the referred document.

UNT   Message Trailer
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

DELJIT Delivery Just in Time Message

Introduction:

A message provides the ability for a customer to convey precise delivery sequence and Just In Time schedule requirements to a supplier, and is intended to supplement the Delivery Schedule Message (DELFOR).

SEGMENT DIRECTORY

Heading Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use	0010	UNH	Message Header	M	1		
Must Use	0020	BGM	Beginning of Message	M	1		
Must Use	0030	DTM	Date/Time/Period	M	10		
	0040	FTX	Free Text	C	5		
	0050		Segment Group 1: RFF-DTM	C		10	
Must Use	0060	RFF	Reference	M	1		
	0070	DTM	Date/Time/Period	C	1		
	0080		Segment Group 2: NAD-LOC-FTX-SG3	C		20	
Must Use	0090	NAD	Name and Address	M	1		
Not Used	0100	LOC	Place/Location Identification	C	10		
	0110	FTX	Free Text	C	5		
	0120		Segment Group 3: CTA-COM	C		5	
Must Use	0130	CTA	Contact Information	M	1		
	0140	COM	Communication Contact	C	5		

Detail Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use	0150		Segment Group 4: SEQ-DTM-GIR-LOC-SG5-SG7	M		9999	
Must Use	0160	SEQ	Sequence Details	M	1		
	0170	DTM	Date/Time/Period	C	5		
	0180	GIR	Related Identification Numbers	C	99		
Not Used	0190	LOC	Place/Location Identification	C	5		
	0200		Segment Group 5: PAC-SG6	C		5	
Must Use	0210	PAC	Package	M	1		
	0220		Segment Group 6: PCI-GIN	C		999	
Must Use	0230	PCI	Package Identification	M	1		
	0240	GIN	Goods Identity Number	C	10		
	0250		Segment Group 7: LIN-PIA-IMD-ALI-GIR-TDT-FTX-PAC-DTM-SG8-SG9-SG11	C		9999	
Must Use	0260	LIN	Line Item	M	1		

	0270	PIA	Additional Product Id	C	10	
	0280	IMD	Item Description	C	10	
Not Used	0290	ALI	Additional Information	C	5	
	0300	GIR	Related Identification Numbers	C	5	
Not Used	0310	TDT	Details of Transport	C	5	
	0320	FTX	Free Text	C	5	
Not Used	0330	PAC	Package	C	5	
Not Used	0340	DTM	Date/Time/Period	C	5	
	0350		Segment Group 8: RFF-DTM	C		5
Must Use	0360	RFF	Reference	M	1	
	0370	DTM	Date/Time/Period	C	1	
	0380		Segment Group 9: LOC-SG10	C		5
Must Use	0390	LOC	Place/Location Identification	M	1	
	0400		Segment Group 10: CTA-COM	C		5
Must Use	0410	CTA	Contact Information	M	1	
	0420	COM	Communication Contact	C	5	
Must Use	0430		Segment Group 11: QTY-SCC-DTM-SG12	C		100
Must Use	0440	QTY	Quantity	M	1	
	0450	SCC	Scheduling Conditions	C	1	
	0460	DTM	Date/Time/Period	C	2	
	0470		Segment Group 12: RFF-DTM	C		5
Must Use	0480	RFF	Reference	M	1	
	0490	DTM	Date/Time/Period	C	1	
Must Use	0500	UNT	Message Trailer	M	1	

DATA SEGMENTS

Header

Segment:	**UNH** Message Header	
Position:	0010	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To head, identify and specify a Message	

Notes: UNH+1+DELJIT:D:97A:UN'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	0062		**MESSAGE REFERENCE NUMBER**	**M an..14**
			Unique message reference assigned by the sender.	
			Must match the message reference number in the UNT.	
>>	S009		**MESSAGE IDENTIFIER**	**M**
			Identification of the type, version etc. of the message being interchanged.	
>>		0065	**Message type identifier**	**M an..6**
			Code identifying a type of message and assigned by its controlling agency.	
		DELJIT	Delivery just in time message	
			A code to identify the delivery just in time message.	
>>		0052	**Message type version number**	**M an..3**
			Version number of a message type.	
		D	Draft version/UN/EDIFACT Directory	
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	
>>		0054	**Message type release number**	**M an..3**
			Release number within the current message type version number (0052).	
		97A	Release 1997 - A	
			Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).	
>>		0051	**Controlling agency**	**M an..3**
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
		UN	UN/ECE/TRADE/WP.4	
			United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	
X		0057	**Association assigned code**	**C an..6**
			Code, assigned by the association responsible for the design and maintenance	

of the message type concerned, which further identifies the message.

X		0110	**Code list directory version number**	C	an..6
X		0113	**Message type sub-function identification**	C	an..6
	0068		**COMMON ACCESS REFERENCE**	C	an..35

Reference serving as a key to relate all subsequent transfers of data to the same business case or file.

GM may send the following:

AS	Authorized Shipment Based - actual ship date and time have been calculated by GM
JS	Buyer's Production Sequence Schedule - provides build sequence information
KB	Kanban Signal - no calculation required by receiver
PUS	Pick Up Sheet - specifies actual ship date and time and packaging conditions
SH	Ship Schedule - actual ship date/time calculated by GM, no calculation required
SS	Stock Status - actual ship date/time calculated by GM: no supplier calc required

X	S010		**STATUS OF THE TRANSFER**	C	

Statement that the message is one in a sequence of transfers relating to the same topic.

| X | | 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.

| X | | 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.

X	S016		**Message subset identification**	C	
X		0115	**Message subset identification**	M	an..14
X		0116	**Message subset version number**	C	an..3
X		0118	**Message subset version release number**	C	an..3
X		0051	**Controlling agency, coded**	C	an..3
X	S017		**Message Implementation Guideline Identification**	C	
X		0121	**Message implementation guideline identification**	M	an..14
X		0122	**Message implementation guideline version number**	C	an..3
X		0124	**Message implementation guideline release number**	C	an..3
X		0051	**Controlling agency, coded**	C	an..3
X	S018		**Scenario Identification**	C	
X		0127	**Scenario identification**	M	an..14
X		0128	**Scenario version number**	C	an..3
X		0130	**Scenario release number**	C	an..3
X		0051	**Controlling agency, coded**	C	an..3

		Segment:	**BGM** Beginning of Message

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To indicate the type and function of a message and to transmit the identifying number.
Syntax Notes:
Semantic Notes:
Comments:
Notes: This segment identifies the business practice established by the trading partners as defined by component element 1000.

BGM+242:::SH+97001+5'

Data Element Summary

Data Element	Component Element	Name	Attributes	
C002		DOCUMENT/MESSAGE NAME	C	
		Identification of a type of document/message by code or name. Code preferred.		
	1001	Document/message name, coded	C	an..3
		Document/message identifier expressed in code.		
		Document message names to identify sequenced delivery and kanban scheduling processes have been requested through the UN/ECE.		
		242 Delivery just-in-time		
		Usage of DELJIT-message.		
X	1131	Code list qualifier	C	an..3
		Identification of a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		
>>	1000	Document/message name	C	an..35
		Plain language identifier specifying the function of a document/message.		
		GM may send the following:		
		AS Authorized Shipment Based - actual ship date and time have been calculated by GM		
		JS Buyer's Production Sequence Schedule - provides build sequence information		
		KB Kanban Signal - no calculation required by receiver		
		PUS Pick Up Sheet - specifies actual ship date and time and packaging conditions		
		SH Ship Schedule - actual ship date/time calculated by GM; no calculation required		
		SS Stock Status - actual ship date/time calculated by GM, no supplier calculation required		
>>	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	
		Identification of a document/message by its number and eventually its version or revision.		
>>	1004	Document/message number	C	an..35
		Reference number assigned to the document/message by the issuer.		

			GM DELJIT message identification number		
X		1056	**Version**	C	an..9
			To specify the version number or name of an object.		
X		1060	**Revision number**	C	an..6
			To specify a revision number.		
>>		1225	**MESSAGE FUNCTION, CODED**	C	an..3
			Code indicating the function of the message.		

	4	Change
		Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.
		The requirements established in this message supersede any previously established requirements FOR ONLY THOSE PARTS INCLUDED IN THE MESSAGE.
	5	Replace
		Message replacing a previous message.
		The requirements established in this message supersede any previously established requirements which fall within the horizons of this message.
	6	Confirmation
		Message confirming the details of a previous transmission where such confirmation is required or recommended under the terms of a trading partner agreement.
		The issuer's transmission to confirm an emergency requirement communicated but not transmitted.
	9	Original
		Initial transmission related to a given transaction.

X		4343	**RESPONSE TYPE, CODED**	C	an..3
			Code specifying the type of acknowledgment required or transmitted.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		

Segment: # DTM Date/Time/Period

Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 10
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes: One iteration of the DTM is mandatory to specify the message issue date using code 137 in component element 2005.

     DTM+137:19970503:102'
     DTM+117:199705061600:203'
     DTM+128:199705061800:203'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	C507		**DATE/TIME/PERIOD**	**M**	
			Date and/or time, or period relevant to the specified date/time/period type.		
>>		2005	**Date/time/period qualifier**	**M**	**an..3**
			Code giving specific meaning to a date, time or period.		

    117   Delivery date/time, first

                  First possible date/time for delivery.

    128   Delivery date/time, last

                  Date when the last delivery should be or has been accomplished.

    137   Document/message date/time

                  (2006) Date/time when a document/message is issued. This may include authentication.

    158   Horizon start date

                  The first date of a period forming a horizon.

    159   Horizon end date

                  The last date of a period forming a horizon.

    234   Collection date/time, earliest

                  The transport order may be issued before the goods are ready for picking up. This date/time indicates from when on the carrier can have access to the consignment.

    235   Collection date/time, latest

                  In relation with the arrangements agreed between buyer and seller or between sender and main transport it may be necessary to specify the latest collection date/time.

	Data Element	Component Element	Name	Attributes	
>>		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.		
>>		2379	**Date/time/period format qualifier**	**C**	**an..3**
			Specification of the representation of a date, a date and time or of a period.		

    102   CCYYMMDD

	Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
203	CCYYMMDDHHMM
	Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.
204	CCYYMMDDHHMMSS
	Calendar date including time with seconds: C=Century;Y=Year; M=Month;D=Day;H=Hour;M=Minute;S=Second.

			Segment:	**FTX** Free Text
			Position:	0040
			Group:	
			Level:	1
			Usage:	Conditional (Optional)
			Max Use:	5
			Purpose:	To provide free form or coded text information.
			Syntax Notes:	
			Semantic Notes:	
			Comments:	
			Notes:	FTX+AAI+++HOLIDAY SHUTDOWN WILL BEGIN 12-23'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	4451		**TEXT SUBJECT QUALIFIER**	M	an..3
			Code specifying subject of a free text.		
			AAI General information		
X	4453		**TEXT FUNCTION, CODED**	C	an..3
			Code specifying how to handle the text.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C107		**TEXT REFERENCE**	C	
			Coded reference to a standard text and its source.		
X		4441	**Free text identification**	M	an..17
			Free text in coded form.		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	C	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	C108		**TEXT LITERAL**	C	
			Free text; one to five lines.		
>>		4440	**Free text**	M	an..70
			Free text field available to the message sender for information.		
		4440	**Free text**	C	an..70
			Free text field available to the message sender for information.		
X		4440	**Free text**	C	an..70
			Free text field available to the message sender for information.		
X		4440	**Free text**	C	an..70
			Free text field available to the message sender for information.		
X		4440	**Free text**	C	an..70
			Free text field available to the message sender for information.		
X	3453		**LANGUAGE, CODED**	C	an..3
			Code of language (ISO 639-1988).		

Group: **RFF** Segment Group 1: Reference
Position: 0050
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0060	RFF	Reference	M	1	
	0070	DTM	Date/Time/Period	C	1	

Segment:	**RFF** Reference		
Position:	0060 (Trigger Segment)		
Group:	Segment Group 1 (Reference)	Conditional (Optional)	
Level:	1		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To specify a reference.		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	RFF+AAN:35' RFF+UO:1305578'		

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	C506		**REFERENCE**	**M**
			Identification of a reference.	
>>		1153	**Reference qualifier**	**M an..3**
			Code giving specific meaning to a reference segment or a reference number.	
			AAN	Delivery schedule number
				Reference number assigned by buyer to a delivery schedule.
				Reference to document/message number of corresponding DELFOR message.
			AAO	Consignee's shipment reference number
				[1362] Reference assigned by the consignee to a shipment.
			AEM	Transport route
				A predefined and identified sequence of points where goods are collected, agreed between partners, e.g. the party in charge of organizing the transport and the parties where goods will be collected. The same collecting points may be included in different transport routes, but in a different sequence.
			AJY	Suffix
				A reference to specify a suffix added to the end of a basic identifier.
				May be sent as a second iteration of the RFF segment to indicate the suffix of a route number.
			ON	Order number (purchase)
				[1022] Reference number assigned by the buyer to an order.
				May be used for Ship Direct Orders.
			PD	Promotion deal number
				Number assigned by a vendor to a special promotion activity.
			UO	Ultimate customer's order number
				The originator's order number as forwarded in a sequence of parties involved.
				May be used for Ship Direct Orders.

	1154	**Reference number**	**C**	**an..35**
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
X	**1156**	**Line number**	**C**	**an..6**
		Number of the line in the document/message referenced in 1154 Reference number.		
X	**4000**	**Reference version number**	**C**	**an..35**
		To uniquely identify a reference by its revision number.		

Segment:	**DTM** Date/Time/Period		
Position:	0070		
Group:	Segment Group 1 (Reference)	Conditional (Optional)	
Level:	2		
Usage:	Conditional (Optional)		
Max Use:	1		
Purpose:	To specify date, and/or time, or period.		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	DTM+171:199805010715:203'		

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	C507		**DATE/TIME/PERIOD**	**M**
			Date and/or time, or period relevant to the specified date/time/period type.	
>>		2005	**Date/time/period qualifier**	**M an..3**
			Code giving specific meaning to a date, time or period.	
			4 Order date/time	
			[2010] Date when an order is issued.	
			The order date/time when the ultimate customer placed the Ship Direct Order.	
			171 Reference date/time	
			Date/time on which the reference was issued.	
>>		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.	
>>		2379	**Date/time/period format qualifier**	**C an..3**
			Specification of the representation of a date, a date and time or of a period.	
			203 CCYYMMDDHHMM	
			Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

Group: **NAD** Segment Group 2: Name and Address
Position: 0080
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 20
Purpose:

<div align="center">

Segment Summary

</div>

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0090	NAD	Name and Address	M	1	
	0110	FTX	Free Text	C	5	
	0120		Segment Group 3: Contact Information	C		5

Segment:	**NAD** Name and Address
Position:	0090 (Trigger Segment)
Group:	Segment Group 2 (Name and Address) Conditional (Optional)
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	NAD+MI+88835::92' NAD+SU+987654321::16' NAD+OB+123456789::16+HYPOTHETICAL NAME'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>		3035	**PARTY QUALIFIER**	M an..3

Code giving specific meaning to a party.

AF	Transit principal	
	Natural or legal person responsible for the satisfactory performance of a Customs transit operation. Source: CCC.	
	Used for Pick Up Sheet (PUS) process.	
CA	Carrier	
	(3126) Party undertaking or arranging transport of goods between named points.	
	Used for Pick Up Sheet (PUS) process.	
FW	Freight forwarder	
	Party arranging forwarding of goods.	
	Used for SHIP DIRECT orders and Pick Up Sheet (PUS) process.	
MI	Planning schedule/material release issuer	
OB	Ordered by	
	Party who issued an order.	
	Used for SHIP DIRECT orders ONLY	
SF	Ship from	
	Identification of the party from where goods will be or have been shipped.	
	May be used only when different from SU	
SI	Shipping schedule issuer	
ST	Ship to	
	Identification of the party to where goods will be or have been shipped.	
SU	Supplier	
	(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	
UD	Ultimate customer	

			The final recipient of goods.		
			Used to indicate ultimate SHIP DIRECT destination		
	WD		Warehouse depositor		
			(3004) Party depositing goods in a warehouse.		
			Used to support the ship-direct business process.		
	C082		**PARTY IDENTIFICATION DETAILS**	**C**	
			Identification of a transaction party by code.		
>>		**3039**	**Party id. identification**	**M**	**an..35**
			Code identifying a party involved in a transaction.		
X		**1131**	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
>>		**3055**	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
		16	DUNS (Dun & Bradstreet)		
		86	Assigned by party originating the message		
			Codes assigned by the party originating the message.		
		92	Assigned by buyer or buyer's agent		
	C058		**NAME AND ADDRESS**	**C**	
			Unstructured name and address: one to five lines.		
			For interim use only. When transmitting name and address information, composite elements C080 and C059 are recommended.		
>>		**3124**	**Name and address line**	**M**	**an..35**
			Free form name and address description.		
X		**3124**	**Name and address line**	**C**	**an..35**
			Free form name and address description.		
X		**3124**	**Name and address line**	**C**	**an..35**
			Free form name and address description.		
X		**3124**	**Name and address line**	**C**	**an..35**
			Free form name and address description.		
X		**3124**	**Name and address line**	**C**	**an..35**
			Free form name and address description.		
	C080		**PARTY NAME**	**C**	
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
>>		**3036**	**Party name**	**M**	**an..35**
			Name of a party involved in a transaction.		
		3036	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3036**	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3036**	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3036**	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3045**	**Party name format, coded**	**C**	**an..3**

Specification of the representation of a party name.

Refer to D.97A Data Element Dictionary for acceptable code values.

	C059		**STREET**	**C**	

Street address and/or PO Box number in a structured address: one to three lines.

>>		**3042**	**Street and number/p.o. box**	**M**	**an..35**

Street and number in plain language, or Post Office Box No.

		3042	**Street and number/p.o. box**	**C**	**an..35**

Street and number in plain language, or Post Office Box No.

X		**3042**	**Street and number/p.o. box**	**C**	**an..35**

Street and number in plain language, or Post Office Box No.

X		**3042**	**Street and number/p.o. box**	**C**	**an..35**

Street and number in plain language, or Post Office Box No.

	3164	**CITY NAME**	**C**	**an..35**

Name of a city (a town, a village) for addressing purposes.

	3229	**COUNTRY SUB-ENTITY IDENTIFICATION**	**C**	**an..9**

Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.

	3251	**POSTCODE IDENTIFICATION**	**C**	**an..9**

Code defining postal zones or addresses.

	3207	**COUNTRY, CODED**	**C**	**an..3**

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

	Segment:	**FTX** Free Text
	Position:	0110
	Group:	Segment Group 2 (Name and Address) Conditional (Optional)
	Level:	2
	Usage:	Conditional (Optional)
	Max Use:	5
	Purpose:	To provide free form or coded text information.

Notes: FTX+ORI+++SHIP DIRECT SPECIAL INSTRUCTIONS'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	4451		**TEXT SUBJECT QUALIFIER**	M	an..3
			Code specifying subject of a free text.		
			ORI Order instruction		
			Free text contains order instructions.		
			Used for SHIP DIRECT orders at this level		
X	4453		**TEXT FUNCTION, CODED**	C	an..3
			Code specifying how to handle the text.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C107		**TEXT REFERENCE**	C	
			Coded reference to a standard text and its source.		
X		4441	**Free text identification**	M	an..17
			Free text in coded form.		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	C	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	C108		**TEXT LITERAL**	C	
			Free text; one to five lines.		
>>		4440	**Free text**	M	an..70
			Free text field available to the message sender for information.		
		4440	**Free text**	C	an..70
			Free text field available to the message sender for information.		
X		4440	**Free text**	C	an..70
			Free text field available to the message sender for information.		
X		4440	**Free text**	C	an..70
			Free text field available to the message sender for information.		
X		4440	**Free text**	C	an..70
			Free text field available to the message sender for information.		
X	3453		**LANGUAGE, CODED**	C	an..3
			Code of language (ISO 639-1988).		

Group: CTA Segment Group 3: Contact Information

Position:	0120
Group:	Segment Group 2 (Name and Address) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0130	CTA	Contact Information	M	1	
	0140	COM	Communication Contact	C	5	

Segment:		**CTA** Contact Information	

Position: 0130 (Trigger Segment)
Group: Segment Group 3 (Contact Information)   Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To identify a person or a department to whom communication should be directed.
Syntax Notes:
Semantic Notes:
Comments:
Notes: CTA+IC+:JANE DOE'

Data Element Summary

Data Element	Component Element	Name	Attributes	
3139		**CONTACT FUNCTION, CODED**	C	an..3
		Code specifying the function of a contact (e.g. department or person).		
	IC	Information contact		
		Department/person to contact for questions regarding transactions.		
C056		**DEPARTMENT OR EMPLOYEE DETAILS**	C	
		Code and/or name of a department or employee. Code preferred.		
X	3413	**Department or employee identification**	C	an..17
		Internal identification code.		
	3412	**Department or employee**	C	an..35
		The department or person within an organizational entity.		

Segment: # COM Communication Contact

Position: 0140
Group: Segment Group 3 (Contact Information)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: To identify a communication number of a department or a person to whom communication should be directed.
Syntax Notes:
Semantic Notes:
Comments:
Notes: COM+8109475566:TE'

Data Element Summary

Data Element	Component Element	Name	Attributes	
>>	C076	**COMMUNICATION CONTACT**	**M**	
		Communication number of a department or employee in a specified channel.		
>>	3148	**Communication number**	**M**	**an..512**
		The communication number.		
>>	3155	**Communication channel qualifier**	**M**	**an..3**
		Code identifying the type of communication channel being used.		

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.

FX   Telefax

Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.

TE   Telephone

Voice/data transmission by telephone.

Detail

Group: $\mathbf{SEQ}$ **Segment Group 4: Sequence Details**
Position: 0150
Group:
Level: 1
Usage: Mandatory
Max Use: 9999
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0160	SEQ	Sequence Details	M	1	
	0170	DTM	Date/Time/Period	C	5	
	0180	GIR	Related Identification Numbers	C	99	
	0200		Segment Group 5: Package	C		5
	0250		Segment Group 7: Line Item	C		9999

Segment: **SEQ** Sequence Details
Position: 0160 (Trigger Segment)
Group: Segment Group 4 (Sequence Details)   Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To provide specific details related to the delivery sequence.
Syntax Notes:
Semantic Notes:
Comments:
Notes: SEQ+6'
SEQ+3+4897256'

Data Element Summary

Data Element	Component Element	Name	Attributes	
1245		**STATUS INDICATOR, CODED**	C	an..3
		Specification of a status or disposition.		
		1	Amendment	
			For Sequenced ordering.	
		2	Cancellation	
			For Sequenced ordering.	
		3	Created new	
			For Sequenced ordering.	
		6	Agreement	
			An agreed status is allocated to delivery requirements.	
C286		**SEQUENCE INFORMATION**	C	
		Identification of a sequence and source for sequencing.		
>>	1050	**Sequence number**	M	an..10
		Number indicating the position in a sequence.		
X	1159	**Sequence number source, coded**	C	an..3
		Specification of the source for a specified sequence number in a coded form.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	1131	**Code list qualifier**	C	an..3
		Identification of a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	3055	**Code list responsible agency, coded**	C	an..3
		Code identifying the agency responsible for a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		

		Segment:	**DTM** Date/Time/Period
		Position:	0170
		Group:	Segment Group 4 (Sequence Details)　　Mandatory
		Level:	2
		Usage:	Conditional (Optional)
		Max Use:	5
		Purpose:	To specify date, and/or time, or period.
		Syntax Notes:	
		Semantic Notes:	
		Comments:	
		Notes:	For Sequenced Delivery Process

DTM+94:199710112342:203'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	C507		**DATE/TIME/PERIOD**	**M**
			Date and/or time, or period relevant to the specified date/time/period type.	
>>		2005	**Date/time/period qualifier**	**M　an..3**
			Code giving specific meaning to a date, time or period.	
			94　　　　　　Production/manufacture date	
			Date on which goods are produced.	
			For Sequenced ordering.	
>>		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.	
>>		2379	**Date/time/period format qualifier**	**C　an..3**
			Specification of the representation of a date, a date and time or of a period.	
			203　　　　　　CCYYMMDDHHMM	
			Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	
			204　　　　　　CCYYMMDDHHMMSS	
			Calendar date including time with seconds: C=Century;Y=Year; M=Month;D=Day;H=Hour;M=Minute;S=Second.	

Segment: # GIR Related Identification Numbers

Position: 0180
Group: Segment Group 4 (Sequence Details)　　　Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: To specify a related set of identification numbers.
Syntax Notes:
Semantic Notes:
Comments:
Notes: GIR+4+123456:AN'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	7297		**SET IDENTIFICATION QUALIFIER**	**M**	an..3
			Identification of the type of set.		
			4　　　　Vehicle reference set		
			A code which indicates that the identities which follow are related to a particular vehicle which may have been previously identified.		
			Used for Sequenced orders		
>>	C206		**IDENTIFICATION NUMBER**	**M**	
			The identification of an object.		
>>		7402	**Identity number**	**M**	an..35
			The number given to an object for its unique identification.		
		7405	**Identity number qualifier**	**C**	an..3
			Code specifying the type/source of identity number.		
			AN　　　Manufacturing reference number		
			A unique number identifying a particular assembly or other manufacturing process.		
			Used for Sequenced orders		
			AX　　　Case number		
			A code to identify the number assigned to a given case.		
			For Sequenced ordering. Provides time related information when the sequence was generated. Specific details will be defined between the plant and the supplier.		
X		4405	**Status, coded**	**C**	an..3
			Provides information regarding a status.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	C206		**IDENTIFICATION NUMBER**	**C**	
			The identification of an object.		
>>		7402	**Identity number**	**M**	an..35
			The number given to an object for its unique identification.		
		7405	**Identity number qualifier**	**C**	an..3
			Code specifying the type/source of identity number.		
			Only use values qualified in previous use of data element 7405.		

X		**4405**	**Status, coded**	**C** **an..3**

Provides information regarding a status.

Refer to D.97A Data Element Dictionary for acceptable code values.

	C206		**IDENTIFICATION NUMBER**	**C**

The identification of an object.

>>		**7402**	**Identity number**	**M** **an..35**

The number given to an object for its unique identification.

		7405	**Identity number qualifier**	**C** **an..3**

Code specifying the type/source of identity number.

Only use values qualified in previous use of data element 7405

X		**4405**	**Status, coded**	**C** **an..3**

Provides information regarding a status.

Refer to D.97A Data Element Dictionary for acceptable code values.

	C206		**IDENTIFICATION NUMBER**	**C**

The identification of an object.

>>		**7402**	**Identity number**	**M** **an..35**

The number given to an object for its unique identification.

		7405	**Identity number qualifier**	**C** **an..3**

Code specifying the type/source of identity number.

Only use values qualified in previous use of data element 7405

X		**4405**	**Status, coded**	**C** **an..3**

Provides information regarding a status.

Refer to D.97A Data Element Dictionary for acceptable code values.

	C206		**IDENTIFICATION NUMBER**	**C**

The identification of an object.

>>		**7402**	**Identity number**	**M** **an..35**

The number given to an object for its unique identification.

		7405	**Identity number qualifier**	**C** **an..3**

Code specifying the type/source of identity number.

Only use values qualified in previous use of data element 7405

X		**4405**	**Status, coded**	**C** **an..3**

Provides information regarding a status.

Refer to D.97A Data Element Dictionary for acceptable code values.

Group: PAC **Segment Group 5: Package**

Position:	0200
Group:	Segment Group 4 (Sequence Details)　　Mandatory
Level:	2
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	

<div align="center">Segment Summary</div>

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0210	PAC	Package	M	1	
	0220		Segment Group 6: Package Identification	C		999

Segment: # PAC Package

Position:	0210 (Trigger Segment)
Group:	Segment Group 5 (Package) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	To describe the number and type of packages/physical units.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	PAC+8+4:67+5131'

Data Element Summary

Data Element	Component Element	Name	Attributes	
7224		**NUMBER OF PACKAGES**	C	n..8
		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.		
C531		**PACKAGING DETAILS**	C	
		Packaging level and details, terms and conditions.		
	7075	**Packaging level, coded**	C	an..3
		Indication of level of packaging specified.		
		4 No packaging hierarchy		
		There is no specifiable level of packaging: packaging is inner and outer level as well.		
	7233	**Packaging related information, coded**	C	an..3
		Code giving packaging, handling and marking related information.		
		67 Tagging/bar code instructions		
		Description to be provided.		
X	7073	**Packaging terms and conditions, coded**	C	an..3
		Code identifying packaging terms and conditions.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
C202		**PACKAGE TYPE**	C	
		Type of package by name or by code from a specified source.		
	7065	**Type of packages identification**	C	an..17
		Coded description of the form in which goods are presented.		
X	1131	**Code list qualifier**	C	an..3
		Identification of a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	3055	**Code list responsible agency, coded**	C	an..3
		Code identifying the agency responsible for a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	7064	**Type of packages**	C	an..35
		Description of the form in which goods are presented.		
C402		**PACKAGE TYPE IDENTIFICATION**	C	
		Identification of the form in which goods are described.		
>>	7077	**Item description type, coded**	M	an..3
		Code indicating the format of a description.		

			F	Free-form		
>>		7064	**Type of packages**		**M**	**an..35**
			Description of the form in which goods are presented.			
		7143	**Item number type, coded**		**C**	**an..3**
			Identification of the type of item number.			
			RC	Returnable container number		
				Reference number identifying a returnable container.		
X		7064	**Type of packages**		**C**	**an..35**
			Description of the form in which goods are presented.			
X		7143	**Item number type, coded**		**C**	**an..3**
			Identification of the type of item number.			
			Refer to D.97A Data Element Dictionary for acceptable code values.			
X	C532		**RETURNABLE PACKAGE DETAILS**		**C**	
			Indication of responsibility for payment and load contents of returnable packages.			
X		8395	**Returnable package freight payment responsibility, coded**		**C**	**an..3**
			To indicate responsibility for payment of return freight charges for packaging that is returnable.			
			Refer to D.97A Data Element Dictionary for acceptable code values.			
X		8393	**Returnable package load contents, coded**		**C**	**an..3**
			To indicate the composition of goods loaded into a returnable package.			
			Refer to D.97A Data Element Dictionary for acceptable code values.			

Group: **PCI** **Segment Group 6: Package Identification**

Position:	0220
Group:	Segment Group 5 (Package) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	999
Purpose:	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0230	PCI	Package Identification	M	1	
	0240	GIN	Goods Identity Number	C	10	

			Segment:	**PCI** Package Identification

Segment: **PCI** Package Identification
Position: 0230 (Trigger Segment)
Group: Segment Group 6 (Package Identification)   Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: To specify markings and labels on individual packages or physical units.
Syntax Notes:
Semantic Notes:
Comments:
Notes:

```
PCI++DOCK NUMBER++11Z::167'
PCI++LINE FEED LOCATION++12Z::167'
PCI++41265++13Z::167'
PCI++PART NAME++14Z::167'
PCI++WIDGETS++15Z::167'
PCI++DELIVER TO?:++16Z::167'
PCI++STOCK21++17Z::167'


PCI+3'
```

Data Element Summary

Data Element	Component Element	Name		Attributes
4233		**MARKING INSTRUCTIONS, CODED**	C	an..3
		Code indicating instructions on how specified packages or physical units should be marked.		
		Use data element 4233 to convey specific identification numbers in PCI/GIN segment group 6. Data element 4233 should not be sent in the same iteration of PCI with data elements C210, C827, 7511, 3055.		
	3	Mark customers references		
C210		**MARKS & LABELS**	C	
		Shipping marks on packages in free text; one to ten lines.		
>>	7102	**Shipping marks**	M	an..35
		Marks and numbers identifying individual packages.		
X	7102	**Shipping marks**	C	an..35
		Marks and numbers identifying individual packages.		
X	7102	**Shipping marks**	C	an..35
		Marks and numbers identifying individual packages.		
X	7102	**Shipping marks**	C	an..35
		Marks and numbers identifying individual packages.		
X	7102	**Shipping marks**	C	an..35
		Marks and numbers identifying individual packages.		
X	7102	**Shipping marks**	C	an..35
		Marks and numbers identifying individual packages.		
X	7102	**Shipping marks**	C	an..35
		Marks and numbers identifying individual packages.		
X	7102	**Shipping marks**	C	an..35
		Marks and numbers identifying individual packages.		
X	7102	**Shipping marks**	C	an..35

Marks and numbers identifying individual packages.

X		7102	**Shipping marks**	**C**	**an..35**

Marks and numbers identifying individual packages.

X	8275		**CONTAINER/PACKAGE STATUS, CODED**	**C**	**an..3**

Code to identify whether goods of separate description or comprising separate consignments are contained in the same external packaging or to indicate that a container or similar unit load device is empty.

Refer to D.97A Data Element Dictionary for acceptable code values.

	C827		**TYPE OF MARKING**	**C**	

Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).

>>		7511	**Type of marking, coded**	**M**	**an..3**

To specify the type of marking that reflects the method and the conventions adhered to for marking.

GM will use codes 11Z through 17Z to indicate relative position on the label.

X		1131	**Code list qualifier**	**C**	**an..3**

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

		3055	**Code list responsible agency, coded**	**C**	**an..3**

Code identifying the agency responsible for a code list.

167   US, AIAG (Automotive Industry Action Group)

			Segment:	**GIN** Goods Identity Number

Segment: **GIN** Goods Identity Number
Position: 0240
Group: Segment Group 6 (Package Identification)   Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 10
Purpose: To give specific identification numbers, either as single numbers or ranges.
Syntax Notes:
Semantic Notes:
Comments:
Notes: GIN+AL+A00001:A00005'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	7405		**IDENTITY NUMBER QUALIFIER**	M an..3
			Code specifying the type/source of identity number.	
			AL Kanban card number	
			Reference number assigned by a consignee to a Kanban card.	
>>	C208		**IDENTITY NUMBER RANGE**	M
			Goods item identification numbers, start and end of consecutively numbered range.	
>>		7402	**Identity number**	M an..35
			The number given to an object for its unique identification.	
		7402	**Identity number**	C an..35
			The number given to an object for its unique identification.	
X	C208		**IDENTITY NUMBER RANGE**	C
			Goods item identification numbers, start and end of consecutively numbered range.	
X		7402	**Identity number**	M an..35
			The number given to an object for its unique identification.	
X		7402	**Identity number**	C an..35
			The number given to an object for its unique identification.	
X	C208		**IDENTITY NUMBER RANGE**	C
			Goods item identification numbers, start and end of consecutively numbered range.	
X		7402	**Identity number**	M an..35
			The number given to an object for its unique identification.	
X		7402	**Identity number**	C an..35
			The number given to an object for its unique identification.	
X	C208		**IDENTITY NUMBER RANGE**	C
			Goods item identification numbers, start and end of consecutively numbered range.	
X		7402	**Identity number**	M an..35
			The number given to an object for its unique identification.	
X		7402	**Identity number**	C an..35
			The number given to an object for its unique identification.	
X	C208		**IDENTITY NUMBER RANGE**	C

Goods item identification numbers, start and end of consecutively numbered range.

X		7402	**Identity number**	**M**	**an..35**

The number given to an object for its unique identification.

X		7402	**Identity number**	**C**	**an..35**

The number given to an object for its unique identification.

Group: **LIN** Segment Group 7: Line Item
Position: 0250
Group: Segment Group 4 (Sequence Details)   Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0260	LIN	Line Item	M	1	
	0270	PIA	Additional Product Id	C	10	
	0280	IMD	Item Description	C	10	
	0300	GIR	Related Identification Numbers	C	5	
	0320	FTX	Free Text	C	5	
	0350		Segment Group 8: Reference	C		5
	0380		Segment Group 9: Place/Location Identification	C		5
	0430		Segment Group 11: Quantity	C		100

		Segment:	**LIN** Line Item		

Segment: **LIN** Line Item
Position: 0260 (Trigger Segment)
Group: Segment Group 7 (Line Item)   Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To identify a line item and configuration.
Syntax Notes:
Semantic Notes:
Comments:
Notes: LIN+0004++87654321:IN'
               LIN+++76543210:IN'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
	1082		**LINE ITEM NUMBER**	C	an..6
			Serial number designating each separate item within a series of articles.		
			May be used for Ship Direct Orders and/or Sequence Orders.		
X	1229		**ACTION REQUEST/NOTIFICATION, CODED**	C	an..3
			Code specifying the action to be taken or already taken.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
>>	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.		
			IN Buyer's item number		
			MN Model number		
			Reference number assigned by the manufacturer to differentiate variations in similar products in a class or group.		
			Alternate method for identifying an item number for sequenced orders.		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	C	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C829		**SUB-LINE INFORMATION**	C	
			To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.		
X		5495	**Sub-line indicator, coded**	C	an..3
			Indication that the segment and/or segment group is used for sub-line item information.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		

| X | | 1082 | **Line item number** | **C** | **an..6** |

Serial number designating each separate item within a series of articles.

| X | 1222 | | **CONFIGURATION LEVEL** | **C** | **n..2** |

Number indicating the level of an object which is in a hierarchy.

| X | 7083 | | **CONFIGURATION, CODED** | **C** | **an..3** |

Code indicating the status of the sub-line item in the configuration.

Refer to D.97A Data Element Dictionary for acceptable code values.

Segment:	**PIA** Additional Product Id
Position:	0270
Group:	Segment Group 7 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	To specify additional or substitutional item identification codes.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	PIA+1+A3576:EC+7:RY+5678:MP'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
>>	4347		**PRODUCT ID. FUNCTION QUALIFIER**		M	an..3
			Indication of the function of the product code.			
		1	Additional identification			
			Information which specifies and qualifies product identifications.			
>>	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.			
			AB	Assembly		
				For Sequenced ordering.		
			BM	Special material identification code		
				A number to identify the special material code.		
				For Sequenced ordering.		
			CG	Commodity grouping		
				Code for a group of articles with common characteristics (e.g. used for statistical purposes).		
				For Sequenced ordering.		
			EC	Engineering change level		
				Reference number indicating that a change or revision has been applied to an article's specification.		
			MP	Product/service identification number		
				Reference number identifying a product or service.		
			RY	Record keeping of model year		
			SA	Supplier's article number		
				Number assigned to an article by the supplier of that article.		
			UA	Ultimate customer's article number		
				Number assigned by ultimate customer to identify relevant article.		
				Used for Ship Direct orders only		
X		1131	**Code list qualifier**		C	an..3

			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		**3055**	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	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.		
			Only use values qualified in previous use of data element 7143.		
X		**1131**	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		**3055**	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	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.		
			Only use values qualified in previous use of data element 7143.		
X		**1131**	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		**3055**	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	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.		
			Only use values qualified in previous use of data element 7143.		
X		**1131**	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		**3055**	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	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.

Only use values qualified in previous use of data element 7143.

X	**1131**	**Code list qualifier**	**C**	**an..3**

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	**3055**	**Code list responsible agency, coded**	**C**	**an..3**

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

		Segment:	**IMD** Item Description			

Segment: **IMD** Item Description

Position:	0280
Group:	Segment Group 7 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	To describe an item in either an industry or free format.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	IMD+++:::WIDGET'

Data Element Summary

Data Element	Component Element	Name	Attributes	
7077		**ITEM DESCRIPTION TYPE, CODED**	C	an..3
		Code indicating the format of a description.		
	C	Code (from industry code list)		
7081		**ITEM CHARACTERISTIC, CODED**	C	an..3
		Code specifying the item characteristic being described.		
	35	Colour		
		Description of the colour required/available on the product.		
		For Sequenced ordering.		
C273		**ITEM DESCRIPTION**	C	
		Description of an item.		
	7009	**Item description identification**	C	an..17
		Code from an industry code list which provides specific data about a product characteristic.		
X	1131	**Code list qualifier**	C	an..3
		Identification of a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
	3055	**Code list responsible agency, coded**	C	an..3
		Code identifying the agency responsible for a code list.		
	92	Assigned by buyer or buyer's agent		
	7008	**Item description**	C	an..35
		Plain language description of articles or products.		
X	7008	**Item description**	C	an..35
		Plain language description of articles or products.		
X	3453	**Language, coded**	C	an..3
		Code of language (ISO 639-1988).		
X	7383	**SURFACE/LAYER INDICATOR, CODED**	C	an..3
		Code indicating the surface or layer of a product that is being described.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		

Segment: # GIR Related Identification Numbers

Position: 0300
Group: Segment Group 7 (Line Item)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: To specify a related set of identification numbers.
Syntax Notes:
Semantic Notes:
Comments:
Notes: GIR+1+A:AL'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	7297		**SET IDENTIFICATION QUALIFIER**	**M an..3**
			Identification of the type of set.	
		1	Product	
		4	Vehicle reference set	
			A code which indicates that the identities which follow are related to a particular vehicle which may have been previously identified.	
			Used to support the in-sequence business process.	
>>	C206		**IDENTIFICATION NUMBER**	**M**
			The identification of an object.	
>>		7402	**Identity number**	**M an..35**
			The number given to an object for its unique identification.	
		7405	**Identity number qualifier**	**C an..3**
			Code specifying the type/source of identity number.	
		AL	Kanban card number	
			Reference number assigned by a consignee to a Kanban card.	
		AN	Manufacturing reference number	
			A unique number identifying a particular assembly or other manufacturing process.	
			For Sequenced ordering - Original Sequence Number	
		AQ	Release number	
			Number assigned to a release.	
			Used to support the in-sequenced business process.	
		CN	Chassis number	
			Unique number affixed by manufacturer to a chassis for identification purposes.	
			For Sequenced ordering - Resequenced Order Number	
		VV	Vehicle identity number	
			Unique serial number assigned by the manufacturer that distinguishes one vehicle from another.	
			For Sequenced ordering.	
X		4405	**Status, coded**	**C an..3**
			Provides information regarding a status.	

Refer to D.97A Data Element Dictionary for acceptable code values.

X	C206		**IDENTIFICATION NUMBER**	C	

The identification of an object.

X		7402	**Identity number**	M	an..35

The number given to an object for its unique identification.

X		7405	**Identity number qualifier**	C	an..3

Code specifying the type/source of identity number.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		4405	**Status, coded**	C	an..3

Provides information regarding a status.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	C206		**IDENTIFICATION NUMBER**	C	

The identification of an object.

X		7402	**Identity number**	M	an..35

The number given to an object for its unique identification.

X		7405	**Identity number qualifier**	C	an..3

Code specifying the type/source of identity number.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		4405	**Status, coded**	C	an..3

Provides information regarding a status.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	C206		**IDENTIFICATION NUMBER**	C	

The identification of an object.

X		7402	**Identity number**	M	an..35

The number given to an object for its unique identification.

X		7405	**Identity number qualifier**	C	an..3

Code specifying the type/source of identity number.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		4405	**Status, coded**	C	an..3

Provides information regarding a status.

Refer to D.97A Data Element Dictionary for acceptable code values.

X	C206		**IDENTIFICATION NUMBER**	C	

The identification of an object.

X		7402	**Identity number**	M	an..35

The number given to an object for its unique identification.

X		7405	**Identity number qualifier**	C	an..3

Code specifying the type/source of identity number.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		4405	**Status, coded**	C	an..3

Provides information regarding a status.

Refer to D.97A Data Element Dictionary for acceptable code values.

		Segment:	**FTX** Free Text
Position:	0320
Group:	Segment Group 7 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	To provide free form or coded text information.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	FTX+AAI+++CANCELLED'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	4451		**TEXT SUBJECT QUALIFIER**	**M**	**an..3**
			Code specifying subject of a free text.		
			AAI General information		
X	4453		**TEXT FUNCTION, CODED**	**C**	**an..3**
			Code specifying how to handle the text.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C107		**TEXT REFERENCE**	**C**	
			Coded reference to a standard text and its source.		
X		4441	**Free text identification**	**M**	**an..17**
			Free text in coded form.		
X		1131	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
	C108		**TEXT LITERAL**	**C**	
			Free text; one to five lines.		
>>		4440	**Free text**	**M**	**an..70**
			Free text field available to the message sender for information.		
		4440	**Free text**	**C**	**an..70**
			Free text field available to the message sender for information.		
X		4440	**Free text**	**C**	**an..70**
			Free text field available to the message sender for information.		
X		4440	**Free text**	**C**	**an..70**
			Free text field available to the message sender for information.		
X		4440	**Free text**	**C**	**an..70**
			Free text field available to the message sender for information.		
X	3453		**LANGUAGE, CODED**	**C**	**an..3**
			Code of language (ISO 639-1988).		

Group: **RFF** Segment Group 8: Reference
Position: 0350
  Group: Segment Group 7 (Line Item)   Conditional (Optional)
  Level: 3
  Usage: Conditional (Optional)
Max Use: 5
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0360	RFF	Reference	M	1	
	0370	DTM	Date/Time/Period	C	1	

		Segment:	**RFF** Reference
Position:	0360 (Trigger Segment)
Group:	Segment Group 8 (Reference)	Conditional (Optional)
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	To specify a reference.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	RFF+ON:8TFJ6:7'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
>>	C506		**REFERENCE**		**M**	
			Identification of a reference.			
>>		1153	**Reference qualifier**		**M**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.			

AAJ	Delivery order number	
	Reference number assigned by issuer to a delivery order.	
AEM	Transport route	
	A predefined and identified sequence of points where goods are collected, agreed between partners, e.g. the party in charge of organizing the transport and the parties where goods will be collected. The same collecting points may be included in different transport routes, but in a different sequence.	
NA	North American hazardous goods classification number	
	Reference to materials designated as hazardous for purposes of transportation in North American commerce.	
ON	Order number (purchase)	
	[1022] Reference number assigned by the buyer to an order.	
UN	United Nations dangerous goods (UNDG) number	
	[7124] Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.	

		1154	**Reference number**		**C**	**an..35**
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.			
		1156	**Line number**		**C**	**an..6**
			Number of the line in the document/message referenced in 1154 Reference number.			
X		4000	**Reference version number**		**C**	**an..35**
			To uniquely identify a reference by its revision number.			

		Segment:	**DTM** Date/Time/Period

Segment: **DTM** Date/Time/Period
Position: 0370
Group: Segment Group 8 (Reference)   Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes: DTM+137:19980825:102'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	C507		**DATE/TIME/PERIOD**	**M**
			Date and/or time, or period relevant to the specified date/time/period type.	
>>		2005	**Date/time/period qualifier**	**M an..3**
			Code giving specific meaning to a date, time or period.	
		137	Document/message date/time	
			(2006) Date/time when a document/message is issued. This may include authentication.	
>>		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.	
>>		2379	**Date/time/period format qualifier**	**C an..3**
			Specification of the representation of a date, a date and time or of a period.	
		102	CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Group: LOC **Segment Group 9: Place/Location Identification**

Position:	0380
Group:	Segment Group 7 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0390	LOC	Place/Location Identification	M	1	
	0400		Segment Group 10: Contact Information	C		5

Segment:	**LOC** Place/Location Identification			

Segment: **LOC** Place/Location Identification
Position: 0390 (Trigger Segment)
Group: Segment Group 9 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: To identify a country/place/location/related location one/related location two.
Syntax Notes:
Semantic Notes:
Comments:
Notes: LOC+11+DOCKB'
LOC+159+AL34JRT1'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	3227		**PLACE/LOCATION QUALIFIER**	**M**	**an..3**
			Code identifying the function of a location.		
		11	Place/port of discharge		
			(3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.		
			Receiving dock		
		54	Manufacturing department		
			A department within the manufacturing area (e.g. lacquering, assembly).		
		159	Additional internal destination		
			Any location within the consignee's premises where the goods are moved to.		
	C517		**LOCATION IDENTIFICATION**	**C**	
			Identification of a location by code or name.		
		3225	**Place/location identification**	**C**	**an..25**
			Identification of the name of place/location, other than 3164 City name.		
X		1131	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	**C**	**an..3**
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3224	**Place/location**	**C**	**an..70**
			Name of place/location, other than 3164 City name.		
X	C519		**RELATED LOCATION ONE IDENTIFICATION**	**C**	
			Identification the first related location by code or name.		
X		3223	**Related place/location one identification**	**C**	**an..25**
			Specification of the first related place/location by code.		
X		1131	**Code list qualifier**	**C**	**an..3**
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		

X		3055	**Code list responsible agency, coded**	C	**an..3**

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		3222	**Related place/location one**	C	**an..70**

Specification of the first related place/location by name.

X	C553		**RELATED LOCATION TWO IDENTIFICATION**	C	

Identification of second related location by code or name.

X		3233	**Related place/location two identification**	C	**an..25**

Specification of a second related place/location by code.

X		1131	**Code list qualifier**	C	**an..3**

Identification of a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		3055	**Code list responsible agency, coded**	C	**an..3**

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

X		3232	**Related place/location two**	C	**an..70**

Specification of a second related place/location by name.

X	5479		**RELATION, CODED**	C	**an..3**

To specify the relationship between two or more items.

Group: **CTA** Segment Group 10: Contact Information

Position: 0400
Group: Segment Group 9 (Place/Location Identification)　　Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 5
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0410	CTA	Contact Information	M	1	
	0420	COM	Communication Contact	C	5	

Segment:	**CTA** Contact Information
Position:	0410 (Trigger Segment)
Group:	Segment Group 10 (Contact Information) Conditional (Optional)
Level:	4
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a person or a department to whom communication should be directed.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	CTA+IC+5200:GLOBAL PARTNER COMMUNICATIONS'

Data Element Summary

Data Element	Component Element	Name	Attributes	
3139		**CONTACT FUNCTION, CODED**	C	an..3
		Code specifying the function of a contact (e.g. department or person).		
	IC	Information contact		
		Department/person to contact for questions regarding transactions.		
C056		**DEPARTMENT OR EMPLOYEE DETAILS**	C	
		Code and/or name of a department or employee. Code preferred.		
	3413	**Department or employee identification**	C	an..17
		Internal identification code.		
	3412	**Department or employee**	C	an..35
		The department or person within an organizational entity.		

Segment:	**COM** Communication Contact
Position:	0420
Group:	Segment Group 10 (Contact Information) Conditional (Optional)
Level:	5
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	To identify a communication number of a department or a person to whom communication should be directed.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	COM+8109475566:TE'

Data Element Summary

Data Element	Component Element	Name	Attributes
>> C076		**COMMUNICATION CONTACT**	**M**
		Communication number of a department or employee in a specified channel.	
>>	3148	**Communication number**	**M an..512**
		The communication number.	
>>	3155	**Communication channel qualifier**	**M an..3**
		Code identifying the type of communication channel being used.	

	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.
	FX	Telefax
		Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.
	TE	Telephone
		Voice/data transmission by telephone.

Group: **QTY** Segment Group 11: Quantity

Position:	0430
Group:	Segment Group 7 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Required)
Max Use:	100
Purpose:	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0440	QTY	Quantity	M	1	
	0450	SCC	Scheduling Conditions	C	1	
	0460	DTM	Date/Time/Period	C	2	
	0470		Segment Group 12: Reference	C		5

Segment:	**QTY** Quantity		
Position:	0440 (Trigger Segment)		
Group:	Segment Group 11 (Quantity)	Conditional (Required)	
Level:	3		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To specify a pertinent quantity.		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	QTY+1:750'		

Data Element Summary

Data Element	Component Element	Name	Attributes
>> C186		**QUANTITY DETAILS**	**M**
		Quantity information in a transaction, qualified when relevant.	
>>	6063	**Quantity qualifier**	**M an..3**
		Code giving specific meaning to a quantity.	
		1 Discrete quantity	
		3 Cumulative quantity	
		12 Despatch quantity	
		Quantity despatched by the seller.	
		52 Quantity per pack	
		70 Cumulative quantity received	
		Cumulative quantity of all deliveries of this article received by the buyer.	
		79 Previous cumulative quantity	
		Cumulative quantity prior the actual order.	
		101 Chargeable gross weight	
		The gross weight on which charges are based.	
>>	6060	**Quantity**	**M n..15**
		Numeric value of a quantity.	
	6411	**Measure unit qualifier**	**C an..3**
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	
		May be omitted when unit of measure is piece, each, or unit. Refer to UN/ECE Trade Recommendation 20 for units of measure codes. For a copy, contact DISA at (703) 548-7005.	

			Segment:	**SCC** Scheduling Conditions

Segment: **SCC** Scheduling Conditions

Position: 0450
Group: Segment Group 11 (Quantity)   Conditional (Required)
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify scheduling conditions.
Syntax Notes:
Semantic Notes:
Comments:
Notes: SCC+1'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	4017		**DELIVERY PLAN STATUS INDICATOR, CODED**	**M**	**an..3**

Code indicating the level of commitment of schedule information.

1	Firm	

Indicates that the scheduling information is a firm commitment.

11	Pilot/Pre-volume

Description to be provided.

	Data Element	Component Element	Name	Attributes	
X	4493		**DELIVERY REQUIREMENTS, CODED**	**C**	**an..3**

Indication of general instruction for delivery.

Refer to D.97A Data Element Dictionary for acceptable code values.

	Data Element	Component Element	Name	Attributes
X	C329		**PATTERN DESCRIPTION**	**C**

Shipment, delivery or production interval pattern and timing.

		Component Element	Name	Attributes	
X		2013	**Frequency, coded**	**C**	**an..3**

Code specifying interval grouping of the delivery, production, etc. of the schedule.
Refer to D.97A Data Element Dictionary for acceptable code values.

		Component Element	Name	Attributes	
X		2015	**Despatch pattern, coded**	**C**	**an..3**

Code specifying the days/periods for routine shipments or deliveries.
Refer to D.97A Data Element Dictionary for acceptable code values.

		Component Element	Name	Attributes	
X		2017	**Despatch pattern timing, coded**	**C**	**an..3**

Code specifying the detailed times for routine shipments or deliveries within data element 2015 Despatch pattern, coded.
Refer to D.97A Data Element Dictionary for acceptable code values.

Segment:	**DTM** Date/Time/Period		
Position:	0460		
Group:	Segment Group 11 (Quantity)	Conditional (Required)	
Level:	4		
Usage:	Conditional (Optional)		
Max Use:	2		
Purpose:	To specify date, and/or time, or period.		

Notes: DTM+2:19970430:102'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	C507		**DATE/TIME/PERIOD**	**M**
			Date and/or time, or period relevant to the specified date/time/period type.	
>>		2005	**Date/time/period qualifier**	**M an..3**
			Code giving specific meaning to a date, time or period.	
			2	Delivery date/time, requested
				Date on which buyer requests goods to be delivered.
			10	Shipment date/time, requested
				Date on which goods should be shipped or despatched by the supplier.
			11	Despatch date and or time
				(2170) Date/time on which the goods are or are expected to be despatched or shipped.
			38	Ship not later than date/time
				Date/time by which the goods should have been shipped.
			51	Cumulative quantity start date
				First Date for accumulation of delivery quantities.
			52	Cumulative quantity end date
				Last Date for accumulation of delivery quantities.
			310	Received date/time
				Date/time of receipt.
>>		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.	
>>		2379	**Date/time/period format qualifier**	**C an..3**
			Specification of the representation of a date, a date and time or of a period.	
			102	CCYYMMDD
				Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
			203	CCYYMMDDHHMM
				Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.
			303	CCYYMMDDHHMMZZZ
				See 203 plus Z=Time zone.

Group: **RFF** Segment Group 12: Reference

Position: 0470
Group: Segment Group 11 (Quantity)   Conditional (Required)
Level: 4
Usage: Conditional (Optional)
Max Use: 5
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0480	RFF	Reference	M	1	
	0490	DTM	Date/Time/Period	C	1	

Segment:	**RFF** Reference
Position:	0480 (Trigger Segment)
Group:	Segment Group 12 (Reference) Conditional (Optional)
Level:	4
Usage:	Mandatory
Max Use:	1
Purpose:	To specify a reference.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Used to specify identification number of the last shipment shipped/received. RFF+SI:24937'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	**C506**		**REFERENCE**	**M**	
			Identification of a reference.		
>>		**1153**	**Reference qualifier**	**M**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.		
			SI SID (Shipper's identifying number for shipment)		
			Description to be provided.		
		1154	**Reference number**	**C**	**an..35**
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
X		**1156**	**Line number**	**C**	**an..6**
			Number of the line in the document/message referenced in 1154 Reference number.		
X		**4000**	**Reference version number**	**C**	**an..35**
			To uniquely identify a reference by its revision number.		

Segment:	**DTM** Date/Time/Period		
Position:	0490		
Group:	Segment Group 12 (Reference)	Conditional (Optional)	
Level:	5		
Usage:	Conditional (Optional)		
Max Use:	1		
Purpose:	To specify date, and/or time, or period.		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	DTM+310:19970517:102'		

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	C507		**DATE/TIME/PERIOD**	**M**
			Date and/or time, or period relevant to the specified date/time/period type.	
>>		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.	
			310 Received date/time	
			Date/time of receipt.	
>>		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.	
>>		2379	**Date/time/period format qualifier**	**C an..3**
			Specification of the representation of a date, a date and time or of a period.	
			102 CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	
			203 CCYYMMDDHHMM	
			Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

Summary

Segment:	**UNT** Message Trailer
Position:	0500
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To end and check the completeness of a Message
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	UNT+451+1'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M n..10
			Control count of number of segments in a message.	
>>	0062		**MESSAGE REFERENCE NUMBER**	M an..14
			Unique message reference assigned by the sender.	
			Must match the message reference number in the UNH.	

DELJIT EXAMPLES

DELJIT - MRP EXAMPLE

UNH+7+DELJIT:D:97A:UN'
BGM+242:::SH+97337+5'
DTM+137:199712030545:203'
DTM+117:19971203:102'
DTM+128:19971218:102'
FTX+AAI+++HOLIDAY SHUTDOWN BEGINS 12-23'
RFF+AAN:49'
NAD+MI+88835::92'
NAD+SU+987654321::16'
NAD+ST+18008::92'
SEQ+6'
PAC++4:67'
PCI++DOCK NUMBER++11Z::167'
PCI++LINE FEED LOCATION++12Z:167'
PCI++41L65++13Z::167'
PCI++GREEN WIDGET++14Z::167'
PCI++DELIVER TO?:++16Z::167'
PCI++STOCKMAN 21++17Z::167'
LIN+++12558079:IN'
PIA+1+CR3576:MP+7:RY'
RFF+ON:8TFJ6'
LOC+11+DOCK NUMBER'
QTY+1:750'
SCC+1'
DTM+10:19971203:102'
QTY+1:800'
SCC+1'
DTM+10:19971204:102'
QTY+1:600'
SCC+1'
DTM+10:19971210:102'
QTY+1:750'
SCC+1'
DTM+10:19971217:102'
QTY+79:11500'
DTM+52:19971202:102'
QTY+3:11550'
DTM+51:19970101:102'
DTM+52:19971201:102'
UNT+40+7'

DELJIT - PULL EXAMPLE

```
UNH+7+DELJIT:D:97A:UN'
BGM+242:::KB+97337+9'
DTM+137:199712030545:203'
DTM+117:19971203:102'
DTM+128:19971218:102'
RFF+AAN:49'
NAD+MI+88835::92'
NAD+SU+987654321::16'
NAD+ST+18008::92'
SEQ+6'
GIR+4+A:AN'
PAC+15+4:67'
PCI++DOCK NUMBER++11Z::167'
PCI++LINE FEED LOCATION++12Z:167'
PCI++41L65++13Z::167'
PCI++GREEN WIDGET++14Z::167'
PCI++DELIVER TO?:++16Z::167'
PCI++STOCKMAN 21++17Z::167'
GIN+AL+A00100:A00114'
LIN+++12558079:IN'
PIA+1+7:RY'
RFF+AEM:102'
LOC+11+DOCK NUMBER'
QTY+1:750'
SCC+1'
DTM+2:199712032130:203'
DTM+10:199712031130:203'
UNT+28+7'
```

DELJIT - SEQUENCED DELIVERY EXAMPLE

```
UNH+1+DELJIT:D:97A:UN'
BGM+242:::JS+97001+5'
DTM+137:199705031600:203'
DTM+117:199705031600:203'
RFF+AAN:35'
NAD+MI+88835::92'
NAD+SU+987654321::16'
CTA+IC+:Susan'
COM+8109475566:TE'
SEQ+3+4897256'
DTM+94:199710112342:203'
GIR+4+123456:AN'
PAC+1+4:67+5131'
PCI+3'
LIN+0004++87654321:IN'
PIA+1+B3599:AB'
IMD++35+:::BLUE'
GIR+1+A:AN'
GIR+1+123456:CN'
GIR+1+VINNUMBER123:VV'
RFF+ON:8TFJ6'
LOC+11+DOCKB'
CTA+IC+5200:GPC'
COM+8109475566:TE'
QTY+1:1'
SCC+1'
DTM+310:199705061620:203'
UNT+28+1'
```

DELJIT Guideline Change Log

Item Number	Segment Group	Segment	Composite Code	Component	Code Values	Detail of Change
98.1.1	SG1	DTM	C507	2005	4	Added code value of "4" - Order date/time. The order date/time represents when the ultimate customer placed the Ship Direct Order
98.1.2	SG4	GIR	C206		AX	Added code value 'AX'. It qualifies additional information need by the Sequence Business Process
98.1.3	SG7	PIA	C212		CG	Added code value 'CG'. It provides information used by the Sequenced Order Business Process
98.1.4	SG7	PIA	C212		BM	Added code value 'BM'. It provides information used by the Sequenced Order Business Process
98.1.5	SG5	PAC	C402	7077	F	Added code value 'F'. To allow associated packaging requirements specific to each Line Item.
98.1.6	SG5	PAC	C042	7064		Added composite 'C042' to the PAC in SG 5. It provides information regarding the type of container used for material shipment.
98.1.7	SG5	PAC	C402	7143	RC	Added Code value 'RC'. Use with Item No. 98.1.6.
98.1.8	SG7	LIN	1222			Added Data Element '1222' in the LIN in SG7. This will only be used by the Ship Direct Business Process
98.1.9	SG11	DTM	C507	2005	38	Added code value '38' in DTM in SG11. Used by Ship Direct Business Process
98.1.10	SG8	DTM	C507	2005	137	Added DTM to Segment Group 8.
98.1.11	SG8	DTM	C507	2380		Added data element 2380 as mandatory. Associated with Line Item 98.1.11.
98.1.12	SG8	DTM	C507	2379	102	Added code value '102'. Associated with Line Item 98.1.11.
98.1.13	Example					Corrected error in Sequenced Delivery Example 'RFF+oN'
98.1.14	SG1	RFF	C506	1153	PD	Added code value 'PD'. Trading partner required data for packing list in ship direct business process
98.2.1	SG2	NAD	3035		WD	Added code value "WD" - Warehouse depositor. Identifies the warehouse where ship direct material is shipped to
98.2.2	SG7	LIN		1222		Removed data element 1222 from the NAD Segment
98.2.3	SG7	GIR		7297	4	Added code value "4" - Vehicle reference set. Used by the In-Sequence business Process
98.2.4	SG7	GIR	C206	7405	AQ	Added code value "AQ" - Release number. Used by the In-Sequence business Process
98.2.5	20	BGM	C002	1000	BB	Removed code value 'BB'-Customer Production (Consumption Based). No known application Usage
98.2.6	20	BGM	C002	1000	DL	Removed code value 'DL' -Delivery Based. No known application Usage
98.2.7	10	UNH		68	BB	Removed code value 'BB'-Customer Production (Consumption Based). No known application Usage

98.2.8	10	UNH		68	DL	Removed code value 'DL' -Delivery Based. No known application Usage
98.2.9	40	FTX	4451		ORI	Removed code value 'ORI' - Order instruction. Not used at this Segment Group level
98.2.10	SG2	NAD	C058	3124		Removed 4 iterations of data element 3124. No known application usage.
98.2.11	SG2	NAD	C059	3042		Removed 2 iterations of data element 3042. No known application usage.
98.2.12	SG2	FTX	4451		AAI	Removed code value 'AAI'- General information. Not used at this Segment Group Level
98.2.13	SG3	CTA	C056	3413		Removed data element 3413. No known usage.
98.2.14	SG4	DTM	C507	2005	194	Delete code value '194' – Start date/time. No known usage.
98.2.15	SG4	DTM	C507	2379	102	Remove code value '102' - CCYYMMDD. No known usage.
98.2.16	SG4	GIR	7297		1	Remove code value '1' - Product set id qualifier. No known usage.
98.2.17	SG4	GIR	C206	7405	AL	Removed code value 'AL' - Kanban Card Number. Not use in this segment group level.
98.2.18	SG6	GIN	7405		ML	Removed code value 'ML' Marking/label number. Not used at this segment group level.
98.2.19	SG7	IMD	7077		S	Remove code value 'S' - Structure Item description type qualifier. No known usage.
98.2.20	SG7	IMD	7081		8	Remove code value '8' - Product Item Characteristic qualifier. No known usage.
98.2.21	SG7	IMD	7081		12	Remove code value '12' - Type and/or Process Item Characteristic qualifier. No known usage.
98.2.22	SG11	QTY	C186	6063	83	Removed code value '83' - Backorder quantity qualifier. No known usage.
98.2.23	SG11	QTY	C186	6063	84	Removed code value '84' - Urgent delivery quantity qualifier. No known usage.
98.2.24		UNH				Numerous data elements and composite data elements were added as a result of the use of syntax version '4'. At this time GM only plans to adjust the size parameters for the modified data elements, but does NOT plan to utilize the data elements that were added to the segment.
99.3.1	SG1	DTM	C507	2005	171	To commonize with AIAG/ODETTE a more generic code value was recommended.
99.3.2		UNH	S009	0057 (2nd occurrence)		Replace second occurrence of 0057 with data element 0113. This documentation was based on preliminary draft release information. This data element will remain "X" - not used.
99.3.3		UNT		0074		Revise the field size from n..6 to n..10