GENERAL MOTORS IMPLEMENTATION GUIDELINES

FOR

DESADV MESSAGE

DESPATCH ADVICE MESSAGE

CORPORATE INFORMATION STANDARDS INFORMATION SYSTEMS & SERVICES GENERAL MOTORS CORPORATION

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EDS/ECSD EDS/ECSD

TABLE OF CONTENTS

TITLE	Page
GENERAL INFORMATION	4
BOILERPLATE	6
DATA SEGMENTS	14
Header	
Detail	
Summary	
DESADV EXAMPLE	73
DESADV GUIDELINE CHANGE LOG	74

GENERAL INFORMATION

PURPOSE

This Implementation Guideline details how General Motors intends to use the Despatch advice message. It specifies details for goods despatched or ready for despatch under agreed conditions.

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 856 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 DESADV Message. The Segment Table is a summary of the entire EDIFACT Message, in the left-hand 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 must be 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 comments field of 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 DESADV 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

The General Motors Materials Management Maintenance Work Group and Information Systems and Services will review changes to this document. 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 Despatch advice message is DESADV.

Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:

 Data element
 0065 DESADV
 0052 D
 0054 97A
 0051 UN

BGM Beginning of Message

A segment for unique identification of the Despatch Advice document, by means of its name and its number.

DTM Date/Time/Period

Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

MEA Measurements

A segment specifying the weight and volume of the consignment.

Segment Group 1: RFF-DTM

A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

RFF Reference

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

Segment Group 2: NAD-LOC-SG3-SG4

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

NAD Name and Address

A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.

It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

LOC Place/Location Identification

A segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.

Segment Group 6: TDT-PCD-SG7

A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

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TDT Details of Transport

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

Segment Group 8: EQD-MEA-SEL-EQA-SG9

A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

EQD Equipment Details

A segment to define fixed information regarding equipment used in conjunction with the whole despatch advice, and if required, to indicate responsibility for supply of the equipment.

SEL Seal Number

A segment specifying a seal number connected to a specific equipment named in the EQD.

Detail Section:

Segment Group 10: CPS-FTX-SG11-SG15

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

CPS Consignment Packing Sequence

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

Segment Group 11: PAC-MEA-QTY-SG12-SG13

A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

PAC Package

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

QTY Quantity

A segment to specify the quantity per package described in the PAC segment.

Segment Group 13: PCI-RFF-DTM-GIR-SG14

A group of segments specifying markings, labels, and packing numbers.

PCI Package Identification

A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

RFF Reference

A segment for referencing the package identification e.g. master label number.

GIR Related Identification Numbers

A segment providing set of package identification related numbers, e.g. a package label number and a KANBAN card number assigned to the same package.

Segment Group 15: LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-NAD-TDT-HAN-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23

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

LIN Line Item

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

PIA Additional Product Id

A segment providing additional product identification.

IMD Item Description

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

QTY Quantity

A segment to give quantity information concerning the product.

ALI Additional Information

A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.

Segment Group 16: RFF-NAD-CTA-DTM

A group of segments to give reference numbers and dates.

RFF Reference

A segment identifying documents related to the line item.

NAD Name and Address

A segment for identifying names and addresses and their functions relevant to the originator of the document in the RFF segment.

DTM Date/Time/Period

A segment for date/time/period relative to the referred document.

Segment Group 20: PCI-DTM-MEA-QTY-SG21-SG22

A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.

PCI Package Identification

A segment specifying marking and labels used on individual packages or a range of packages.

MEA Measurements

A segment specifying physical measurements of packages.

QTY Quantity

A segment to specify quantity per package.

Segment Group 21: GIN-DLM

A group of segments giving package identification numbers and, where relevant, delivery limitation information.

GIN Goods Identity Number

General Motors Corporation All Rights Reserved DESADV – revision 5 A segment providing identification numbers being applied to the packages despatched.

Summary Section: UNT Message Trail

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.

DESADV Despatch Advice Message

Introduction:

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

SEGMENT DIRECTORY

Heading Section:

Must Use	Pos. <u>No.</u> 0010	Seg. <u>ID</u> UNH	<u>Name</u> Message Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Group <u>Repeat</u>	Notes and <u>Comments</u>
Must Use	0020	BGM	Beginning of Message	М	1		
Must Use	0030	DTM	Date/Time/Period	С	10		
	0040	ALI	Additional Information	С	5		
Must Use	0050	MEA	Measurements	С	5		
Not Used	0060	MOA	Monetary Amount	С	5		
	0070		Segment Group 1: RFF-DTM	С		10	
Must Use	0080	RFF	Reference	М	1		
Not Used	0090	DTM	Date/Time/Period	С	1		
	0100		Segment Group 2: NAD-LOC-SG3-SG4	С		10	
Must Use	0110	NAD	Name and Address	М	1		
	0120	LOC	Place/Location Identification	С	10		
Not Used	0130		Segment Group 3: RFF-DTM	С		10	
Not Used	0140	RFF	Reference	М	1		
Not Used	0150	DTM	Date/Time/Period	С	1		
Not Used	0160		Segment Group 4: CTA-COM	С		10	
Not Used	0170	СТА	Contact Information	М	1		
Not Used	0180	COM	Communication Contact	С	5		
Not Used	0190		Segment Group 5: TOD-LOC-FTX	С		10	I
Not Used	0200	TOD	Terms of Delivery or Transport	М	1		
Not Used	0210	LOC	Place/Location Identification	С	5		
Not Used	0220	FTX	Free Text	С	5		
	0230		Segment Group 6: TDT-PCD-SG7	С		10	
Must Use	0240	TDT	Details of Transport	M	1		
Not Used	0250	PCD	Percentage Details	С	6		
Not Used	0260		Segment Group 7: LOC-DTM	С		10	
Not Used	0270	LOC	Place/Location Identification	М	1		
							11

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Not Used	0280	DTM	Date/Time/Period	С	10		
	0290		Segment Group 8: EQD-MEA-SEL-EQA-SG9	С		10	
Must Use	0300	EQD	Equipment Details	М	1		
Not Used	0310	MEA	Measurements	С	5		
	0320	SEL	Seal Number	С	25		
Not Used	0330	EQA	Attached Equipment	С	5		
Not Used	0340		Segment Group 9: HAN-FTX	С		10	
Not Used	0350	HAN	Handling Instructions	М	1		
Not Used	0360	FTX	Free Text	С	10		

Detail Section:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Group <u>Repeat</u>	Notes and <u>Comments</u>
	0370		Segment Group 10: CPS-FTX-SG11-SG15	С		9999	
Must Use	0380	CPS	Consignment Packing Sequence	М	1		
Not Used	0390	FTX	Free Text	С	5		
	0400		Segment Group 11: PAC-MEA-QTY-SG12- SG13	С		9999	
Must Use	0410	PAC	Package	М	1		
Not Used	0420	MEA	Measurements	С	10		
	0430	QTY	Quantity	С	10		
Not Used	0440		Segment Group 12: HAN-FTX	С		10	
Not Used	0450	HAN	Handling Instructions	М	1		
Not Used	0460	FTX	Free Text	С	10		
	0470		Segment Group 13: PCI-RFF-DTM-GIR-SG14	С		1000	
Must Use	0480	PCI	Package Identification	М	1		
	0490	RFF	Reference	С	1		
Not Used	0500	DTM	Date/Time/Period	С	5		
	0510	GIR	Related Identification Numbers	С	99		
Not Used	0520		Segment Group 14: GIN-DLM	С		99	
Not Used	0530	GIN	Goods Identity Number	М	1		
Not Used	0540	DLM	Delivery Limitations	С	10		
	0550		Segment Group 15: LIN-PIA-IMD-MEA-QTY- ALI-GIN-GIR-DLM-DTM-NAD-TDT-HAN- FTX-MOA-SG16-SG17-SG18-SG19-SG20- SG23	С		9999	
Must Use	0560	LIN	Line Item	М	1		
	0570	PIA	Additional Product Id	С	10		
	0580	IMD	Item Description	С	25		
Not Used	0590	MEA	Measurements	С	10		
	0600	QTY	Quantity	С	10		
	0610	ALI	Additional Information	С	10		
Not Used	0620	GIN	Goods Identity Number	С	100		
Not Used	0630	GIR	Related Identification Numbers	С	100		
Not Used	0640	DLM	Delivery Limitations	С	100		

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Not Used	0650	DTM	Date/Time/Period	С	5	
Not Used	0660	NAD	Name and Address	С	5	
Not Used	0670	TDT	Details of Transport	С	1	
Not Used	0680	HAN	Handling Instructions	С	20	
Not Used	0690	FTX	Free Text	С	99	
Not Used	0700	MOA	Monetary Amount	С	5	
Must Use	0710		Segment Group 16: RFF-NAD-CTA-DTM	С		99
Must Use	0720	RFF	Reference	М	1	
	0730	NAD	Name and Address	С	1	
Not Used	0740	CTA	Contact Information	С	1	
	0750	DTM	Date/Time/Period	С	1	
Not Used	0760		Segment Group 17: DGS-QTY-FTX	С		10
Not Used	0770	DGS	Dangerous Goods	M	1	10
Not Used	0780	QTY	Quantity	C	1	
Not Used	0790	FTX	Free Text	C C	5	
		117				
Not Used	0800		Segment Group 18: LOC-NAD-DTM-QTY	С		100
Not Used	0810	LOC	Place/Location Identification	М	1	
Not Used	0820	NAD	Name and Address	С	1	
Not Used	0830	DTM	Date/Time/Period	С	1	
Not Used	0840	QTY	Quantity	С	10	
Not Used	0850		Segment Group 19: SGP-QTY	С		1000
Not Used	0860	SGP	Split Goods Placement	М	1	
Not Used	0870	QTY	Quantity	С	10	
	0880		Segment Group 20: PCI-DTM-MEA-QTY-	С		9999
Must Use	0890	PCI	SG21-SG22 Package Identification	М	1	
Not Used	0890	DTM	Date/Time/Period	C	5	
Not Used	0900		Measurements	c c	3 10	
		MEA				
	0920	QTY	Quantity	C	1	10
	0930	<u>ani</u>	Segment Group 21: GIN-DLM	С		10
Must Use	0940	GIN	Goods Identity Number	М	1	
Not Used	0950	DLM	Delivery Limitations	С	100	
Not Used	0960		Segment Group 22: HAN-FTX-GIN	С		10
	0970	HAN	Handling Instructions	М	1	
Not Used		FTX	Free Text	С	5	
Not Used Not Used	0980				1000	
	0980 0990	GIN	Goods Identity Number	С	1000	
Not Used Not Used	0990				1000	10
Not Used			Goods Identity Number Segment Group 23: QVR-DTM Quantity Variances	C C M	1000	10

Summary Section:

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

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Not Used	1030	CNT	Control Total	С	5
Must Use	1040	UNT	Message Trailer	Μ	1

DATA SEGMENTS

Header

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

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

			Data Elem	ent Summary		
	Data	Componen			• • •	
	Element 0062	<u>Element</u>	<u>Name</u> MESSACE DEFE	RENCE NUMBER	<u>Atti</u> M	<u>ributes</u> an14
>>	0002			erence assigned by the sender.	IVI	all14
				ssage reference number in the UNT.		
	S009		MESSAGE IDENT		М	
>>	5009					aanaad
		0075		type, version etc. of the message being i		•
>>		0065	Message type ident			an6
				ype of message and assigned by its contr	olling	, agency.
			DESADV	Despatch advice message		
				A code to identify the despatch advice		-
>>		0052	Message type versi		Μ	an3
			Version number of a			
			D	Draft version/UN/EDIFACT Directory		
				Message approved and issued as a draft for directories published after March 19 March 1997). Message approved as a st (Valid for directories published after M	993 ar tandar	nd prior to rd message
>>		0054	Message type relea	ise number	Μ	an3
			Release number wit	hin the current message type version num	ber (0052).
			97A	Release 1997 - A		
				Message approved and issued in the first the UNTDID (United Nations Trade Da Directory).		
>>		0051	Controlling agency	Ŷ	Μ	an3
			Code identifying the publication of the m UN	e agency controlling the specification, ma nessage type. UN/ECE/TRADE/WP.4	inten	ance and
				United Nations Economic UN Economic for Europe (UN/ECE), Committee on the of trade (TRADE), Working Party on fa- international trade procedures (WP.4).	ne dev acilita	velopment
X		0057	Association assigned	ed code	С	an6

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January 15, 2000

			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	an6		
Х		0113	Message type sub-function identification	С	an6		
Χ	0068		COMMON ACCESS REFERENCE	С	an35		
X	S010		Reference serving as a key to relate all subsequent transfer business case or file. STATUS OF THE TRANSFER	rs of data C	a to the same		
Δ	5010		Statement that the message is one in a sequence of transfer		a to the same		
			topic.	.s iciatiii	ig to the same		
X		0070	Sequence message transfer number	Μ	n2		
			Number assigned by the sender indicating that the message	e is an a	ddition or		
			change of a previously sent message relating to the same to	-			
X		0073	First/last sequence message transfer indication	С	a1		
			Indication used for the first and last message in a sequence	e of the s	same type of		
•7	0016		message relating to the same topic.	G			
X X	S016	0115	Message subset identification Message subset identification	C M	an14		
A X		0115 0116	Message subset version number	C	an		
A X		0110	Message subset version release number	C C	an3		
X		0051	Controlling agency, coded	c	an3		
Χ	S017		Message Implementation Guideline Identification	С			
Х		0121	Message implementation guideline identification	Μ	an14		
X		0122	Message implementation guideline version number	С	an3		
X		0124	Message implementation guideline release number	C	an3		
X X	S018	0051	Controlling agency, coded Scenario Identification	C C	an3		
A X	5010	0127	Scenario identification	M	an14		
X		0127	Scenario version number	C	an3		
X		0130	Scenario release number	Ċ	an3		
Х		0051	Controlling agency, coded	С	an3		

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:	BGM+351+123456789+9'

Data Element Summary

	Data	Componen	t		
	<u>Element</u>	<u>Element</u>	Name	Att	<u>ributes</u>
	C002		DOCUMENT/MESSAGE NAME	С	
			Identification of a type of document/message by code or nan	ne. Co	de preferred.
		1001	Document/message name, coded	С	an3
			Document/message identifier expressed in code.		
			351 Despatch advice		
			Document/message by means of which consignor informs the consignee about goods.		
Χ		1131	Code list qualifier	С	an3
			Identification of a code list.		
Χ		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		
Х		1000	Document/message name	С	an35
			Plain language identifier specifying the function of a docume	ent/me	essage.
>>	C106		DOCUMENT/MESSAGE IDENTIFICATION	С	
			Identification of a document/message by its number and even or revision.	ntually	y its version
>>		1004	Document/message number	С	an35
			Reference number assigned to the document/message by the	issuer	•
			A unique control number, commonly called a Shipment Iden (SID), assigned by the original shipper to identify a specific unique control number cannot be repeated within a one year number must be referenced on both the packing list and the b Shipment Identification Number (SID).	shipm perioo	ent. This 1. This
Х		1056	Version	С	an9
			To specify the version number or name of an object.		
X		1060	Revision number	С	an6
			To specify a revision number.		
	1225		MESSAGE FUNCTION, CODED	С	an3
			Code indicating the function of the message.		
			1 Cancellation		
			Message cancelling a previous transmis transaction.	ssion f	for a given

The issuer's subsequent transmission of an SID, cancelling all data previously transmitted under that SID (1004).2Addition2AdditionMessage containing items (e.g. line items, goods items, Customs items, equipment items) to be added to a previously sent message.The issuer's subsequent transmission of an SID, adding part specific data not previously transmitted under that SID (1004).4Change Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.4Change Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.9Original Initial transmission of an SID, changing data previously transmitted under that SID (1004).9Original Initial transmission related to a given transaction.The issuer's first transmission of a message for a particular SID (1004).4343 RESPONSE TYPE, CODEDC an3 Code specifying the type of acknowledgment required or transmitted.		
4Message containing items (e.g. line items, goods items, Customs items, equipment items) to be added to a previously sent message. The issuer's subsequent transmission of an SID, adding part specific data not previously transmitted under that SID (1004).4Change4Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message. The issuer's subsequent transmission of an SID, changing data previously transmitted under that SID (1004).9Original Initial transmission related to a given transaction. The issuer's first transmission of a message for a particular SID (1004).4343RESPONSE TYFF, CODEDC an.3		cancelling all data previously transmitted under that SID
Customs items, equipment items) to be added to a previously sent message.The issuer's subsequent transmission of an SID, adding part specific data not previously transmitted under that SID (1004).4ChangeMessage containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.The issuer's subsequent transmission of an SID, changing data previously transmitted under that SID (1004).9Original Initial transmission related to a given transaction.4343RESPONSE TYPE, CODEDC an3	2	Addition
4Change4ChangeMessage containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message. The issuer's subsequent transmission of an SID, changing data previously transmitted under that SID (1004).9Original Initial transmission related to a given transaction. The issuer's first transmission of a message for a particular SID (1004).4343RESPONSE TYPE, CODEDC an3		Customs items, equipment items) to be added to a
 Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message. The issuer's subsequent transmission of an SID, changing data previously transmitted under that SID (1004). 9 Original Initial transmission related to a given transaction. The issuer's first transmission of a message for a particular SID (1004). 4343 RESPONSE TYPE, CODED C an3 		part specific data not previously transmitted under that
Customs items, equipment items) to be changed in a previously sent message.The issuer's subsequent transmission of an SID, changing data previously transmitted under that SID (1004).9Original Initial transmission related to a given transaction. The issuer's first transmission of a message for a particular SID (1004).4343RESPONSE TYPE, CODEDC an3	4	Change
 changing data previously transmitted under that SID (1004). 9 Original Initial transmission related to a given transaction. The issuer's first transmission of a message for a particular SID (1004). 4343 RESPONSE TYPE, CODED C an3 		Customs items, equipment items) to be changed in a
Initial transmission related to a given transaction.The issuer's first transmission of a message for a particular SID (1004).4343RESPONSE TYPE, CODEDC an3		changing data previously transmitted under that SID
4343RESPONSE TYPE, CODEDCan3	9	Original
particular SID (1004).4343RESPONSE TYPE, CODEDC an3		Initial transmission related to a given transaction.
		-
Code specifying the type of acknowledgment required or transmitted.	4343 RESPO	ONSE TYPE, CODED C an3
	Code sp	becifying the type of acknowledgment required or transmitted.

Х

Segment:	DTM Date/Time/Period
Position:	0030
Group:	
Level:	1
Usage:	Conditional (Required)
Max Use:	10
Purpose:	To specify date, and/or time, or period.
tor Notors	

Purpose: Syntax Notes: Semantic Notes: Comments: Notes:

DTM+137:199712251156:203' DTM+11:199712251153:203'

Data Element Summary

	Data <u>Element</u>	Componen Element	t Name		<u>Attributes</u>
>>	C507		DATE/TIME/PER	liod	M
			Date and/or time, or	r period relevant to the specified date/tim	e/period type.
>>		2005	Date/time/period q	Jualifier	M an3
			Code giving specifi	c meaning to a date, time or period.	
			Two iterations of th	e DTM segment are mandatory, using co	des 11 and 137.
			11	Despatch date and or time	
			132	(2170) Date/time on which the goods at expected to be despatched or shipped. Arrival date/time, estimated	re or are
				(2348) Date/time when carrier estimate transport should arrive at the port of dis of destination.	
			137	Document/message date/time	
				(2006) Date/time when a document/met This may include authentication.	ssage is issued.
>>		2380	Date/time/period		C an35
			The value of a date, representation.	, a date and time, a time or of a period in	a specified
>>		2379	Date/time/period f	ormat qualifier	C an3
			Specification of the	representation of a date, a date and time	or of a period.
			102	CCYYMMDD	
			203	Calendar date: C = Century ; Y = Year = Day. CCYYMMDDHHMM	; M = Month ; D
				Calendar date including time with minu Y=Year; M=Month; D=Day; H=Hour;	•

Segment:	MEA Measurements
Position:	0050
Group:	
Level:	1
Usage:	Conditional (Required)
Max Use:	5
Purpose:	To specify physical measurements, including dimension tolerances, weights and counts.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	A minimum of two iterations of the MEA are required to indicate number of lading units
	and the weight of the shipment:

MEA+AAX+SQ+C62:6' MEA+AAX+G+LBR:500'

	Data	Componen		Element Summary		
	<u>Element</u>	Element			Att	<u>ributes</u>
>>	6311			ENT PURPOSE QUALIFIER	-	an3
			Specification of	f the purpose of the measurement.		
			AAX	Consignment measurement		
				Measurement related to a consignment		specified
	C502		MEACUDEM	by the measurement code dimension va		
	C502			ENT DETAILS	С	
		(212		f measurement type.	G	
		6313	Property meas		С	an3
			-	f the property measured.		
			G	Gross weight		
				[6292] Weight (mass) of goods includi excluding the carrier's equipment.	ng pao	cking but
			Ν	Actual net weight		
			SQ	Shipped quantity		
Χ		6321	Measurement	significance, coded	С	an3
			Code specifying	g the significance of a measurement value.		
Χ		6155	Measurement	attribute identification	С	an17
			Code used to sp	pecify non-discrete measurement values.		
Χ		6154	Measurement	attribute	С	an70
			To specify non-	-discrete measurement values.		
	C174		VALUE/RAN	GE	С	
				alue and relevant minimum and maximum to	leranc	es in that
		(111	order.		N	an 2
>>		6411	Measure unit	-		an3
				e unit of measurement in which weight (mass other quantity is expressed.	<i>;)</i> , cap	bacity, length,
			See UN/ECE T KGM- kilogram	rade Recommendation 20. GM will accept th	e foll	owing:
			LBR – pounds STN – ton			

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			C62 - pieces		
>>		6314	Measurement value	С	an18
			Value of the measured unit.		
Χ		6162	Range minimum	С	n18
			Minimum of a range.		
X		6152	Range maximum	С	n18
			Maximum of a range.		
Χ		6432	Significant digits	С	n2
			To specify the number of significant digits.		
Χ	7383		SURFACE/LAYER INDICATOR, CODED	С	an3
			Code indicating the surface or layer of a product that is being	desc	ribed.

Group: RFF Segment Group 1: Reference Position: 0070 Group: Level: 1 Usage: Conditional (Optional) Max Use: 10 Purpose: 1

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	<u>Name</u>	Des.	Use	<u>Repeat</u>
Must Use	0080	RFF	Reference	М	1	

RFF Reference

Segment:	RFF Reference
Position:	0080 (Trigger Segment)
Group:	Segment Group 1 (Reference)
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	To specify a reference.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	RFF+CN:12345678A'

Conditional (Optional)

RFF+PK:123456789'

		ΚΓΓ+ΓΚ.	123430789					
	Data Element Summary							
<u>]</u>	Data <u>Element</u> C506	Component <u>Element</u>	t <u>Name</u> REFERENCE		<u>Attributes</u> M			
			Identification of a r	reference.				
>>		1153	Reference qualifie	r	M an3			
			-	ic meaning to a reference segment or a ref	erence number.			
			AAO	Consignee's shipment reference number				
				[1362] Reference assigned by the consist shipment.				
			AWB	Air waybill number				
				Reference number assigned to an air wa $= 740.$	ıybill, see: 1001			
			BM	Bill of lading number				
				Reference number assigned to a bill of $I = 705$.	lading, see: 1001			
			CN	Carrier's reference number				
				Reference number assigned by carrier to	o a consignment.			
			CR	Customer reference number				
				Reference number assigned by the custo	omer to a			
			FN	transaction.				
			ГIN	Freight bill number Reference number assigned by issuing p	ants to a fraight			
				bill.	barry to a mergin			
			MB	Master bill of lading number				
				Reference number assigned to a master see: $1001 = 704$.	bill of lading,			
			PK	Packing list number				
				(1014) Reference number assigned to a $1001 = 271$.	packing list, see:			
			TN	Transaction reference number				
				Reference applied to a transaction betw parties over a defined life cycle; e.g. nu importer or broker to obtain release from then used to control declaration through (synonyms: declaration, entry number).	mber applied by m Customs, may n final accounting			
		1154	Reference number	ſ	C an35			
General Motor DESADV – rev	-	ation All Rig	hts Reserved	22	January 15, 2000			

		Identification number the nature and function of which can b entry in data element 1153 Reference qualifier.	e qual	lified by an
Χ	1156	Line number	С	an6
		Number of the line in the document/message referenced in 1 number.	154 R	eference
Χ	4000	Reference version number	С	an35
		To uniquely identify a reference by its revision number.		

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	<u>Name</u>	Des.	Use	<u>Repeat</u>
Must Use	0110	NAD	Name and Address	М	1	
	0120	LOC	Place/Location Identification	С	10	

	Segment: Position: Group: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	0110 (Tri Segment of Mandator 1 To specif unstructur NAD+MI NAD+ST NAD+SU	Mandatory					
			Data Elem	ent Summary				
	Data Element	Component <u>Element</u>			A 44-	ibutos		
>>	<u>Element</u> 3035	<u>Element</u>	<u>Name</u> PARTY QUALIFI	IER		<u>ributes</u> an3		
			Code giving specific meaning to a party.					
			Codes MI, ST, and	SU codes are mandatory. If the supplier (SU) le	ocation and		
			ship from (SF) location are not identical, a fourth iteration of the NAD segment					
			using code SF is mandatory.					
			MI Planning schedule/material release issuer OB Ordered by					
			OB	Party who issued an order.				
				Only required for suppliers who receive	this (rode		
				transmitted on the DELFOR and /or DE				
			SF	Ship from				
				Identification of the party from where g	oods	will be or		
				have been shipped.				
				Required when different from SU and w the DELFOR and/or DELJIT.	as tra	instituted in		
			ST	Ship to				
				Identification of the party to where good	ls wil	l be or		
			CT I	have been shipped.				
			SU	Supplier	•	. 1		
				(3280) Party which manufactures or oth possession of goods, and consigns or ma				
				available in trade.	uneo e			
			UD	Ultimate customer				
				The final recipient of goods.				
				Used to indicate ultimate Ship Direct de				
>>	C082		PARTY IDENTIF	be used if received in DELFOR and/or TCATION DETAILS	DELJ C	11.		
	0002			ransaction party by code.	U			
>>		3039	Party id. identifica		Μ	an35		
			-	party involved in a transaction.				
X		1131	Code list qualifier		С	an3		

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January 15, 2000

			Identification of a co	ode list.		
>>		3055	Code list responsib	le agency, coded	С	an3
			Code identifying the	agency responsible for a code list.		
			16	DUNS (Dun & Bradstreet)		
			88	Assigned by owner of operation		
				Assigned by owner of operation (e.g. use	ed in	
				construction).		
			.	Used for DEALER codes ONLY.		
	~~~~		92	Assigned by buyer or buyer's agent	~	
	C058		NAME AND ADDI		С	
				and address: one to five lines.		
>>		3124	Name and address		Μ	an35
			Free form name and			
		3124	Name and address		С	an35
			Free form name and	1		
		3124	Name and address		С	an35
			Free form name and	-		
		3124	Name and address		С	an35
			Free form name and	•		
		3124	Name and address		С	an35
			Free form name and	address description.		
	C080		PARTY NAME		С	
			Identification of a tra be formatted.	ansaction party by name, one to five lines	. Par	ty name may
>>		3036	Party name		Μ	an35
				olved in a transaction.		
X		3036	Party name		С	an35
			Name of a party invo	olved in a transaction.		
X		3036	Party name		С	an35
			Name of a party invo	olved in a transaction.		
X		3036	Party name		С	an35
			Name of a party invo	olved in a transaction.		
X		3036	Party name		С	an35
			Name of a party invo	olved in a transaction.		
X		3045	Party name format	, coded	С	an3
			Specification of the	representation of a party name.		
X	C059		STREET		С	
			Street address and/or	r PO Box number in a structured address:	one	to three
			lines.			
X		3042	Street and number	-	Μ	an35
				n plain language, or Post Office Box No.		
X		3042	Street and number	-	С	an35
				n plain language, or Post Office Box No.		
X		3042	Street and number	-	С	an35
				n plain language, or Post Office Box No.		
X		3042	Street and number	/p.o. box	С	an35
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DESADV – revision 5

		Street and number in plain language, or Post Office Box No.		
Х	3164	CITY NAME	С	an35
		Name of a city (a town, a village) for addressing purposes.		
X	3229	COUNTRY SUB-ENTITY IDENTIFICATION	С	an9
X	3251	Identification of the name of sub-entities (state, province) def appropriate governmental agencies. <b>POSTCODE IDENTIFICATION</b>	ined C	by <b>an9</b>
		Code defining postal zones or addresses.		
	3207	COUNTRY, CODED	С	an3
		Identification of the name of a country or other geographical in ISO 3166.	entity	y as specified

Segment:	LOC Place/Location Identification
<b>Position:</b>	0120
Group:	Segment Group 2 (Name and Address) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	To identify a country/place/location/related location one/related location two.
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	LOC+11+DOCK3'

#### **Data Element Summary**

		~	Data Element Summary		
	Data	Componen		• • •	
	Element	<u>Element</u>	Name		<u>ributes</u>
>>	3227		PLACE/LOCATION QUALIFIER	M	an3
			Code identifying the function of a location.		
			11 Place/port of discharge		
			(3392 + 3414) Seaport, airport, freight		
			station or other place at which the good unloaded from the means of transport h		
			for their carriage.	laving	been used
			Dock code		
>>	C517		LOCATION IDENTIFICATION	С	
			Identification of a location by code or name.		
>>		3225	Place/location identification	С	an25
			Identification of the name of place/location, other than 3164	City	name.
Х		1131	Code list qualifier	С	an3
			Identification of a code list.		
Χ		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		
Х		3224	Place/location	С	an70
			Name of place/location, other than 3164 City name.		
Х	C519		RELATED LOCATION ONE IDENTIFICATION	С	
			Identification the first related location by code or name.		
Х		3223	Related place/location one identification	С	an25
			Specification of the first related place/location by code.		
Х		1131	Code list qualifier	С	an3
			Identification of a code list.		
Х		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		
Х		3222	Related place/location one	С	an70
			Specification of the first related place/location by name.		
Х	C553		RELATED LOCATION TWO IDENTIFICATION	С	
			Identification of second related location by code or name.		
Х		3233	<b>Related place/location two identification</b>	С	an25
			Specification of a second related place/location by code.		

Specification of a second related place/location by code.

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Χ		1131	Code list qualifier	С	an3
			Identification of a code list.		
Χ		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		
Χ		3232	Related place/location two	С	an70
			Specification of a second related place/location by name.		
Χ	5479		RELATION, CODED	С	an3
			To specify the relationship between two or more items.		

#### 

#### Segment Summary

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

Segment:	TDT Details of Transport
Position:	0240 (Trigger Segment)
Group:	Segment Group 6 (Details of Transport) Conditional (Optional)
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	TDT+12++C++WXYZ::182'

	Data	Commonweat		Element Summary		
	Data <u>Element</u>	Component <u>Element</u>			Attı	ibutes
>>	8051			Г STAGE QUALIFIER		an3
			Qualifier givin	g a specific meaning to the transport details	5.	
			12	At departure		
				Transport by which goods are moved departure.	l from th	e place of
			25	Delivery carrier all transport		
				Carrier responsible from the point of delivery destination.	origin to	o the final
X	8028		CONVEYAN	CE REFERENCE NUMBER	С	an17
				nce given by the carrier to a certain journey port (generic term).	or depar	ture of a
>>	C220		MODE OF T	RANSPORT	С	
			Method of tran	sport code or name. Code preferred.		
		8067	Mode of trans	sport, coded	С	an3
			Coded method	of transport used for the carriage of the good	ods.	
			Use codes from Business Proce	n X12 Data Element 9, except when suppor ess	ting AM	K European
Х		8066	Mode of trans	sport	С	an17
			Method of tran	nsport used for the carriage of the goods.		
Х	C228		TRANSPORT	ΓMEANS	С	
				ame identifying the type of means of transpo	ort.	
Х		8179		s of transport identification	С	an8
			Code defining	the type of the means of transport being uti	lized.	
Х		8178	Type of mean	s of transport	С	an17
			-	the type of the means of transport being uti		
>>	C040		CARRIER		С	
				of a carrier by code and/or by name. Code p	referred	
>>		3127	Carrier ident	ification	С	an17
			Identification on named points.	of party undertaking or arranging transport of	of goods	between
			The Standard	Carrier Alpha Code (SCAC) or the General	Motors	assigned

			code.			
X		1131	Code list qualifier		С	an3
			Identification of a co	ode list.		
		3055	Code list responsib	le agency, coded	С	an3
			Code identifying the	agency responsible for a code list.		
			92	Assigned by buyer or buyer's agent		
			182	US, Standard Carrier Alpha Code (Moto	r)	
				Organisation maintaining the SCAC lists	and	
				transportation operating in North Americ		
		3128	Carrier name		С	an35
			Name of party under points.	rtaking or arranging transport of goods be	tweet	n named
X	8101		TRANSIT DIREC	FION, CODED	С	an3
				point of origin and point of direction.		
	C401			ORTATION INFORMATION	С	
				f reason for, and responsibility for, use of		sportation
			other than normally			1
>>		8457	Excess transportation	ion reason, coded	Μ	an3
			Indication of reason	for excess transportation.		
			А	Special rail car order, schedule increase	forec	ast change
			В	Engineering change or late release		
			С	Specification (schedule) error/overbuildi	ng	
			D	Shipment tracing delay		
			E	Plant inventory loss		
			F	Building ahead of schedule		
			G	Vendor behind schedule		
			Н	Failed to include in last shipment		
			Ι	Carrier loss claim		
			J	Transportation failure		
			Κ	Insufficient weight for carload		
			L	Reject or discrepancy (material rejected	in pri	ior
			М	shipment) Transportation delay		
			N	Lack of railcar or railroad equipment		
			P	Releasing error		
			R	Record error or cate reported discrepanc	v ren	ort
			T	Common or peculiar part schedule increa		on
			U	Alternative supplier shipping for response		supplier
			V	Direct schedule or locally controlled	1010	supplier
			W	Purchasing waiver approval		
			X	Authorization code to be determined		
			Y	Pilot material		
>>		8459		ion responsibility, coded	м	an3
		0.07	_	sibility for excess transportation.	1, <b>1</b>	
			A	Customer plant (receiving location)		
			В	Material release issuer		
			-			

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			S	Supplier authority		
			Х	Responsibility to be determined		
		7130	Customer authoriz	zation number	С	an17
			specific freight cond	authorization number to allow supplier to ditions. This number will be transmitted b	-	-
x	C222		the dispatch advice TRANSPORT IDI	•	С	
21	CLLL			dentifying the means of transport.	C	
X		8213		nsport identification	С	an9
			Identification of the	means of transport by name or number.		
X		1131	Code list qualifier		С	an3
			Identification of a c	ode list.		
X		3055	Code list responsib	ble agency, coded	С	an3
			Code identifying the	e agency responsible for a code list.		
Χ		8212	Id. of the means of	transport	С	an35
			Identification of the	means of transport by name or number.		
X		8453	Nationality of mea	ns of transport, coded	С	an3
			Coded name of the	country in which a means of transport is r	egiste	ered.
X	8281		TRANSPORT OW	NERSHIP, CODED	С	an3
			Code indicating the	ownership of the means of transport.		

# EQD Segment Group 8: Equipment Details

Group: EQD Segment Group 8: Equ Position: 0290 Group: Level: 1 Usage: Conditional (Optional) Max Use: 10 Purpose:

#### Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	Name	Des.	Use	<u>Repeat</u>
Must Use	0300	EQD	Equipment Details	Μ	1	
	0320	SEL	Seal Number	С	25	

# EQD Equipment Details

Segment: **Position:** 0300 (Trigger Segment) Group: Segment Group 8 (Equipment Details) Level: 1 Usage: Mandatory Max Use: 1 **Purpose:** To identify a unit of equipment. Syntax Notes: **Semantic Notes: Comments:** Notes: EQD+CN+A978+23'

#### **Data Element Summary**

Conditional (Optional)

	Data	Componen		ent Summary		
	Element	Element	Name		Att	ibutes
>>	8053		EQUIPMENT QU		Μ	an3
			Code identifying typ	pe of equipment.		
			CN	Container		
			RR	Equipment item as defined by ISO for t be of: A) permanent character, strong e repeated use; B) designed to facilitate t goods, by one or more modes of transpo- intermediate reloading; C) fitted with de ready handling, particularly. Rail car	nough he car ort, w	for riage of ithout
			Tut	[8320] Registered identification numbe	r of ra	uilway
			TE	wagon (CIM 19). Trailer		
				A vehicle without motive power, design carriage of cargo and to be towed by a p		
>>	C237		EQUIPMENT IDE		С	
			Marks (letters and/o as a container.	or numbers) identifying equipment used for	or trai	nsport such
>>		8260	Equipment identif	ication number	С	an17
			Marks (letters and/o	or numbers) which identify equipment e.g	. unit	load device.
			initials.	ipment number, such as railcar or trailer		er including
X		1131	Code list qualifier		С	an3
			Identification of a c			
Χ		3055	Code list responsib		С	an3
				e agency responsible for a code list.		
X		3207	Country, coded		C	an3
			in ISO 3166.	name of a country or other geographical		as specified
	C224		EQUIPMENT SIZ		С	
			Code preferred.	dentifying size and type of equipment use		ransport.
		8155		d type identification	С	an10
			Coded description of	of the size and type of equipment e.g. unit	load	device.

			21	Container IC 20 ft.		
			22	Self explanatory. IC = InterContainer (s company of the European railway, respo container traffic in a rail environment fo container handling). Container IC 30 ft.	onsib	le for
			23	Container IC 40 ft.		
X		1131	Code list qualifier		С	an3
			Identification of a c	ode list.		
Х		3055	Code list responsit	ble agency, coded	С	an3
			Code identifying the	e agency responsible for a code list.		
X		8154	Equipment size an	d type	С	an35
			Plain language description of the size and type of equipment e.g. unit load device.			
X	8077		EQUIPMENT SUPPLIER, CODED		С	an3
			To indicate the part	y that is the supplier of the equipment.		
X	8249 EQUIPMENT STATUS, CODED		ATUS, CODED	С	an3	
			Indication of the act	tion related to the equipment.		
X	8169		FULL/EMPTY IN	DICATOR, CODED	С	an3
			To indicate the exte	ent to which the equipment is full or empty	<i>.</i>	

Segment:	SEL Seal Number	
Position:	0320	
Group:	Segment Group 8 (Equipment Details)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	25	
<b>Purpose:</b>	To specify a seal number related to equip	ment.
Syntax Notes:		
Semantic Notes:		
<b>Comments:</b>		
Notes:	SEL+6188AB'	

	Data	Componen	ť		
	<u>Element</u>	<u>Element</u>	Name	Attı	<u>ributes</u>
>>	9308		SEAL NUMBER	Μ	an10
			The number of a custom seal or another seal affixed to the co transport unit.	ntain	ers or other
			Seal number to be transmitted here.		
X	C215		SEAL ISSUER	С	
			Identification of the issuer of a seal on equipment either by co	ode o	r by name.
X		9303	Sealing party, coded	С	an3
			Identification of the issuer of the seal number.		
X		1131	Code list qualifier	С	an3
			Identification of a code list.		
X		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		
X		9302	Sealing party	С	an35
			Clear text, representing the name of the issuer of the seal num	ıber.	
X	4517		SEAL CONDITION, CODED	С	an3
			To indicate the condition of a seal.		

#### Detail

# Group: CPS Segment Group 10: Consignment Packing Sequence

		Segment Buillinary			
Pos.	Seg.		Req.	Max.	Group:
<u>No.</u>	ID	Name	Des.	Use	<b>Repeat</b>
0380	CPS	Consignment Packing Sequence	Μ	1	
0400		Segment Group 11: Package	С		9999
0550		Segment Group 15: Line Item	С		9999
	<u>No.</u> 0380 0400	No.         ID           0380         CPS           0400	Pos.Seg.No.IDName0380CPSConsignment Packing Sequence0400Segment Group 11: Package	Pos.Seg.Req.No.IDNameDes.0380CPSConsignment Packing SequenceM0400Segment Group 11: PackageC	Pos.Seg.Req.Max.No.IDNameDes.Use0380CPSConsignment Packing SequenceM10400Segment Group 11: PackageC

Segment:	CPS Consignment Packing Sequence	
<b>Position:</b>	0380 (Trigger Segment)	
Group:	Segment Group 10 (Consignment Packing Sequence)	Conditional (Required)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify the sequence in which physical packing is proportionally to identify the hierarchical relationship between	6
Syntax Notes:		

Semantic Notes: Comments:

Notes: CPS+1++4'

	Data	Componen	t						
	<b>Element</b>	Element	<u>Name</u>		<u>Attı</u>	ributes			
>>	7164		HIERARCHICA	L ID. NUMBER	Μ	an12			
			A unique number	assigned by the sender to identify a level wi	thin	a hierarchical			
			structure.						
			Begins with the nu	mber 1 and increments by one for each occ	urrer	nce within the			
			-	nessage. Numbers are not to be repeated within the same message.					
X	7166		HIERARCHICA	L PARENT ID.	С	an12			
			Identification number of the next higher hierarchical data segment in a						
			hierarchical structure.						
	7075		PACKAGING L	EVEL, CODED	С	an3			
			Indication of level	of packaging specified.					
			1	Inner					
				Level of packing, if it exists, that is imm	ediat	tely			
				subordinate to the intermediate packagir	ıg lev	vel.			
			3	Outer					
				For packed merchandise, outermost leve	lof	backaging			
				for a shipment.					
			4	No packaging hierarchy					
				There is no specifiable level of packagin	ıg: pa	ckaging is			
				inner and outer level as well.	_				

Group:	$\mathbf{PAC}$ Segment Group 11: Package	
<b>Position:</b>	0400	
Group:	Segment Group 10 (Consignment Packing Sequence)	Conditional (Required)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	9999	
<b>Purpose:</b>		

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	Name	Des.	Use	Repeat
Must Use	0410	PAC	Package	Μ	1	
	0430	QTY	Quantity	С	10	
	0470		Segment Group 13: Package Identification	С		1000

## Segment: **PAC** Package

Segment:	<b>I</b> I <b>I C</b> Package	
Position:	0410 (Trigger Segment)	
Group:	Segment Group 11 (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:		
<b>Comments:</b>		
Notes:	PAC+40+::9+5131::92'	

#### **Data Element Summary**

	Data	Componen		nent Summary				
	Element	Element	Name		Att	<u>ributes</u>		
	7224		NUMBER OF PA	ACKAGES	С	n8		
				mber of individual parts of a shipment either unpacked, or pac				
	0501			yay that they cannot be divided without first undoing the packing.				
	C531		PACKAGING D		С			
				nd details, terms and conditions.	~			
X		7075	Packaging level,		С	an3		
				of packaging specified.	~	-		
X		7233		d information, coded	С	an3		
			• • •	aging, handling and marking related information				
		7073		and conditions, coded	С	an3		
				backaging terms and conditions.				
			Used to describe t	• •				
			8	Seller's expendable				
			9	Special purpose buyer's durable				
				Reusable packaging specifically designed for packaging of the referenced item and owned by the buyer.				
			10					
				Disposable packaging specifically design packaging of the referenced item.	ned f	or		
	C202		PACKAGE TYP		С			
			Type of package b	by name or by code from a specified source.				
		7065	Type of packages	identification	С	an17		
			Coded description	of the form in which goods are presented.				
			Identification of c					
Χ		1131	Code list qualifie	r	С	an3		
			Identification of a	code list.				
		3055	Code list respons	ible agency, coded	С	an3		
				he agency responsible for a code list.				
			91	Assigned by seller or seller's agent				
			92	Assigned by buyer or buyer's agent				
X		7064	Type of packages		С	an35		
				form in which goods are presented.				

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January 15, 2000

X	C402		PACKAGE TYPE IDENTIFICATION	С	
			Identification of the form in which goods are described.		
X		7077	Item description type, coded	М	an3
			Code indicating the format of a description.		
X		7064	Type of packages	Μ	an35
			Description of the form in which goods are presented.		
X		7143	Item number type, coded	С	an3
			Identification of the type of item number.		
Χ		7064	Type of packages	С	an35
			Description of the form in which goods are presented.		
Χ		7143	Item number type, coded	С	an3
			Identification of the type of item number.		
X	C532		RETURNABLE PACKAGE DETAILS	С	
			Indication of responsibility for payment and load contents of packages.	retur	nable
Χ		8395	Returnable package freight payment responsibility,	С	an3
			coded		
			To indicate responsibility for payment of return freight charge that is returnable.	es foi	r packaging
Х		8393	Returnable package load contents, coded	С	an3
			To indicate the composition of goods loaded into a returnable	pacl	

Segment:	QTY Quantity	
Position:	0430	
Group:	Segment Group 11 (Package)	Conditional (Optional)
Level:	3	
Usage:	Conditional (Optional)	
Max Use:	10	
Purpose:	To specify a pertinent quantity.	
Syntax Notes:		
Semantic Notes:		
<b>Comments:</b>		
Notes:	QTY+52:50'	

			Data I	Sement Summary		
	Data	Component	t			
	<b>Element</b>	<u>Element</u>	<u>Name</u>		Att	<u>ributes</u>
>>	C186		QUANTITY D	DETAILS	Μ	
			Quantity inform	nation in a transaction, qualified when relevan	t.	
>>		6063	Quantity quali	ifier	Μ	an3
			Code giving sp	ecific meaning to a quantity.		
			11	Split quantity		
				Part of the whole quantity.		
			52	Quantity per pack		
>>		6060	Quantity		Μ	n15
			Numeric value	of a quantity.		
		6411	Measure unit	qualifier	С	an3
				e unit of measurement in which weight (mass) r other quantity is expressed.	), cap	acity, length,
			This must be th	e same Unit of Measure provided on the correction document.	espon	ding
			sinplient autio			

# **PCI** Segment Group 13: Package Identification

Group: **Position:** 0470 Group: Segment Group 11 (Package) Conditional (Optional) Level: 3 Usage: Conditional (Optional) Max Use: 1000 **Purpose:** 

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	Name	Des.	Use	<b>Repeat</b>
Must Use	0480	PCI	Package Identification	Μ	1	
	0490	RFF	Reference	С	1	
	0510	GIR	Related Identification Numbers	С	99	

Segment:	PCI Package Identification
Position:	0480 (Trigger Segment)
Group:	Segment Group 13 (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:	
<b>Comments:</b>	
Notes:	PCI+16'

	Data	Componen	t		
	<b>Element</b>	Element	Name	Att	<u>ributes</u>
	4233		MARKING INSTRUCTIONS, CODED	С	an3
			Code indicating instructions on how specified packages or p should be marked.	hysica	ll units
			16 Buyer's instructions		
			Markings as specified by the buyer.		
X	C210		MARKS & LABELS	С	
			Shipping marks on packages in free text; one to ten lines.		
X		7102	Shipping marks	Μ	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
Χ		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
Χ		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
Χ		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
Χ	8275		CONTAINER/PACKAGE STATUS, CODED	С	an3
			Code to identify whether goods of separate description or co consignments are contained in the same external packaging container or similar unit load device is empty.		
Х	C827		TYPE OF MARKING	С	

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January 15, 2000

		Specification of the type of marking that reflects the method the conventions adhered to for marking (e.g. of packages).	that w	vas used and
X	7511	Type of marking, coded	Μ	an3
		To specify the type of marking that reflects the method and the adhered to for marking.	ie coi	nventions
X	1131	Code list qualifier	С	an3
		Identification of a code list.		
X	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	С	an3

Segment:	RFF Reference	
<b>Position:</b>	0490	
Group:	Segment Group 13 (Package Identification)	Conditional (Optional)
Level:	4	
Usage:	Conditional (Optional)	
Max Use:	1	
<b>Purpose:</b>	To specify a reference.	
Syntax Notes:		
Semantic Notes:		
<b>Comments:</b>		
Notes:	RFF+CW:5678'	

Data Element Summary					
	Data	Componen	t		
	<u>Element</u>	<u>Element</u>	Name		<b>Attributes</b>
>>	C506		REFERENCE		Μ
			Identification of a r	eference.	
>>		1153	Reference qualifie	r	M an3
			Code giving specifi	c meaning to a reference segment or a ref	erence number.
			CN	Carrier's reference number	
				Reference number assigned by carrier to	o a consignment.
				The identification used by the carrier to This Data Element will only be used wh Element 7075 indicates code 3 or 4.	1 0
			CW	Package number	
				(7070) Reference number identifying a carton within a consignment.	package or
				This Data Element will only be used wh Element 7075 indicates code 1 or 3.	nen CPS Data
			SN	Seal number	
				[9308] Identification number on Custor affixed to containers or other transport	
		1154	<b>Reference number</b>	-	C an35
				er the nature and function of which can b nt 1153 Reference qualifier.	e qualified by an
X		1156	Line number	•	C an6
			Number of the line number.	in the document/message referenced in 1	154 Reference
X		4000	<b>Reference version</b> To uniquely identify	<b>number</b> y a reference by its revision number.	C an35
				•	

Segment:	<b>GIR</b> Related Identification Numbers
Position:	0510
Group:	Segment Group 13 (Package Identification) Conditional (Optional)
Level:	4
Usage:	Conditional (Optional)
Max Use:	99
Purpose:	To specify a related set of identification numbers.
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	GM will accept one iteration of the GIR for each package.

#### GIR+3+S00003:AL+1234570:AW'

#### **Data Element Summary**

				nent Summary		
	Data	Componen				
	<u>Element</u>	<u>Element</u>	<u>Name</u>			ributes
>>	7297			ATION QUALIFIER	Μ	an3
			Identification of th	e type of set.		
			3	Package		
				Related numbers identifying a package	such	as a bar
				code label number related to a kanban of	ard n	umber, etc.
>>	C206		IDENTIFICATIO	ON NUMBER	Μ	
			The identification	of an object.		
>>		7402	Identity number		Μ	an35
			The number given	to an object for its unique identification.		
		7405	Identity number	qualifier	С	an3
			Code specifying th	he type/source of identity number.		
			AL	Kanban card number		
				Reference number assigned by a consig	nee to	o a Kanban
				card.		
			AW	Serial shipping container code		
				A single unique serial number which id containers or shipping packages.	entifi	es shipping
X		4405	Status, coded		С	an3
			Provides informati	on regarding a status.		
	C206		IDENTIFICATIO	ON NUMBER	С	
			The identification	of an object.		
>>		7402	Identity number		Μ	an35
			The number given	to an object for its unique identification.		
		7405	Identity number	qualifier	С	an3
			Code specifying th	e type/source of identity number.		
			Only use values qu	alified in previous use of data element 74	05.	
X		4405	Status, coded		С	an3
			Provides informati	on regarding a status.		
	C206		IDENTIFICATIO	<b>DN NUMBER</b>	С	
			The identification	of an object.		
				·		

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>>		7402	Identity number	Μ	an35
			The number given to an object for its unique identification.		
		7405	Identity number qualifier	С	an3
			Code specifying the type/source of identity number.		
			Only use values qualified in previous use of data element 740	)5.	
Х		4405	Status, coded	С	an3
			Provides information regarding a status.		
	C206		IDENTIFICATION NUMBER	С	
			The identification of an object.		
>>		7402	Identity number	Μ	an35
			The number given to an object for its unique identification.		
		7405	Identity number qualifier	С	an3
			Code specifying the type/source of identity number.		
			Only use values qualified in previous use of data element 740	)5.	
X		4405	Status, coded	С	an3
			Provides information regarding a status.		
	C206		IDENTIFICATION NUMBER	С	
			The identification of an object.		
>>		7402	Identity number	Μ	an35
			The number given to an object for its unique identification.		
		7405	Identity number qualifier	С	an3
			Code specifying the type/source of identity number.		
			Only use values qualified in previous use of data element 740	)5.	
X		4405	Status, coded	С	an3
			Provides information regarding a status.		

Group:	LIN Segment Group 15: Line Item	
Position:	0550	
Group:	Segment Group 10 (Consignment Packing Sequence)	Conditional
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	9999	
<b>Purpose:</b>		

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	Name	Des.	Use	<u>Repeat</u>
Must Use	0560	LIN	Line Item	Μ	1	
	0570	PIA	Additional Product Id	С	10	
	0580	IMD	Item Description	С	25	
	0600	QTY	Quantity	С	10	
	0610	ALI	Additional Information	С	10	
	0710		Segment Group 16: Reference	С		99
	0880		Segment Group 20: Package Identification	С		9999

Segment:	LIN Line Item
Position:	0560 (Trigger Segment)
Group:	Segment Group 15 (Line Item) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
<b>Purpose:</b>	To identify a line item and configuration.
Notes:	LIN+++10243389:IN'

	Data	Componen	t			
	Element	<b>Element</b>	Name	Attr	ributes	
	1082		LINE ITEM NUMBER	С	an6	
			Serial number designating each separate item within a series of	of arti	icles.	
			May be used for Ship Direct Orders.			
X	1229		ACTION REQUEST/NOTIFICATION, CODED	С	an3	
			Code specifying the action to be taken or already taken.			
>>	C212		ITEM NUMBER IDENTIFICATION	С		
			Goods identification for a specified source.			
>>		7140	Item number	С	an35	
			A number allocated to a group or item.			
>>		7143	Item number type, coded	С	an3	
			Identification of the type of item number.			
			IN Buyer's item number			
X		1131	Code list qualifier	С	an3	
			Identification of a code list.			
X		3055	Code list responsible agency, coded	С	an3	
			Code identifying the agency responsible for a code list.			
X	C829		SUB-LINE INFORMATION	С		
			To provide an indication that a segment or segment group is u sub-line or sub-line item information and to optionally enable identified.			
X		5495	Sub-line indicator, coded	С	an3	
			Indication that the segment and/or segment group is used for	sub-li	ine item	
			information.			
X		1082	Line item number	С	an6	
			Serial number designating each separate item within a series of	of arti	icles.	
Х	1222		CONFIGURATION LEVEL	С	n2	
			Number indicating the level of an object which is in a hierarc	hy.		
X	7083		CONFIGURATION, CODED	С	an3	
			Code indicating the status of the sub-line item in the configuration.			

Segment:	PIA Additional Product Id
<b>Position:</b>	0570
Group:	Segment Group 15 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	To specify additional or substitutional item identification codes.
Notes:	At least one iteration of the PIA Composite C212 Data Elements 7140 and 7143 must provide the model year using code value 'RY'.

#### PIA+1+1997:RY'

	Data	Componen		Clement Summary		
	Data Element	Componen Element	Name		Att	ributes
>>	4347			. FUNCTION QUALIFIER		an3
				e function of the product code.		
			1	Additional identification		
				Information which specifies and qualif identifications.	ies pro	oduct
>>	C212		ITEM NUMB	ER IDENTIFICATION	Μ	
			Goods identific	ation for a specified source.		
		7140	Item number		С	an35
			A number alloc	ated to a group or item.		
		7143	Item number t	ype, coded	С	an3
			Identification o	f the type of item number.		
			RY	Record keeping of model year		
			UA	Ultimate customer's article number		
				Number assigned by ultimate customer	r to ide	entify
				relevant article.	G	
X		1131	Code list quali		С	an3
			Identification o		~	
X		3055	-	onsible agency, coded	С	an3
	<b>G4</b> 4		•	g the agency responsible for a code list.	G	
	C212			ER IDENTIFICATION	С	
		=1.40		ation for a specified source.	G	
		7140	Item number		С	an35
		=1.40		ated to a group or item.	G	•
		7143	Item number t		С	an3
				f the type of item number.	1	
			used in 7143.	rations of the composite C212 cannot repeat		
X		1131	Code list quali		С	an3
			Identification o			
X		3055	-	onsible agency, coded	С	an3
			Code identifyin	g the agency responsible for a code list.		

X	C212		ITEM NUMBER IDENTIFICATION	С	
			Goods identification for a specified source.		
Х		7140	Item number	С	an35
			A number allocated to a group or item.		
X		7143	Item number type, coded	С	an3
			Identification of the type of item number.		
Χ		1131	Code list qualifier	С	an3
			Identification of a code list.		
Χ		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		
X	C212		ITEM NUMBER IDENTIFICATION	С	
			Goods identification for a specified source.		
X		7140	Item number	С	an35
			A number allocated to a group or item.		
X		7143	Item number type, coded	С	an3
			Identification of the type of item number.		
Χ		1131	Code list qualifier	С	an3
			Identification of a code list.		
Χ		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		
Χ	C212		ITEM NUMBER IDENTIFICATION	С	
			Goods identification for a specified source.		
Χ		7140	Item number	С	an35
			A number allocated to a group or item.		
Χ		7143	Item number type, coded	С	an3
			Identification of the type of item number.		
X		1131	Code list qualifier	С	an3
			Identification of a code list.		
X		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		

Segment:	IMD Item Description
Position:	0580
Group:	Segment Group 15 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	25
Purpose:	To describe an item in either an industry or free format.
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	IMD+++:::WIDGET'

	Data	Componen	t		
	<b>Element</b>	<u>Element</u>	<u>Name</u>	Att	ributes
X	7077		ITEM DESCRIPTION TYPE, CODED	С	an3
			Code indicating the format of a description.		
X	7081		ITEM CHARACTERISTIC, CODED	С	an3
			Code specifying the item characteristic being described.		
	C273		ITEM DESCRIPTION	С	
			Description of an item.		
Х		7009	Item description identification	С	an17
			Code from an industry code list which provides specific data characteristic.	abou	it a product
X		1131	Code list qualifier	С	an3
			Identification of a code list.		
Х		3055	Code list responsible agency, coded	С	an3
			Code identifying the agency responsible for a code list.		
		7008	Item description	С	an35
			Plain language description of articles or products.		
		7008	Item description	С	an35
			Plain language description of articles or products.		
		3453	Language, coded	С	an3
			Code of language (ISO 639-1988).		
Х	7383		SURFACE/LAYER INDICATOR, CODED	С	an3
			Code indicating the surface or layer of a product that is being	g desc	cribed.

Segment:	QTY Quantity	
<b>Position:</b>	0600	
Group:	Segment Group 15 (Line Item)	Conditional (Optional)
Level:	3	
Usage:	Conditional (Optional)	
Max Use:	10	
Purpose:	To specify a pertinent quantity.	
Syntax Notes:		
Semantic Notes:		
<b>Comments:</b>		
Notes:	QTY+12:200'	

	Data	Componen	t			
	Element	<u>Element</u>	<u>Name</u>		Att	<u>ributes</u>
>>	C186		QUANTITY	DETAILS	Μ	
			Quantity info	rmation in a transaction, qualified when relevar	ıt.	
>>		6063	Quantity qua	alifier	Μ	an3
			Code giving s	specific meaning to a quantity.		
			3	Cumulative quantity		
			12	Despatch quantity		
				Quantity despatched by the seller.		
>>		6060	Quantity		Μ	n15
			Numeric valu	e of a quantity.		
		6411	Measure uni	it qualifier	С	an3
			Indication of	the unit of measurement in which weight (mass	), cap	acity, length,
			area, volume	or other quantity is expressed.		
			This must be	the same Unit of Measure provided on the corr	espon	ding
			shipment auth	horization document.		

# Segment: ALI Additional Information

Position:	0610
Group:	Segment Group 15 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.
Syntax Notes:	

Semantic Notes: Comments:

Notes: ALI+CA'

	Data	Componen	t		
	<u>Element</u>	Element	Name	Attr	<u>ibutes</u>
	3239		COUNTRY OF ORIGIN, CODED	С	an3
			Country in which the goods have been produced or manufactu		0
			criteria laid down for the purposes of application of the Custo		ariff, of
			quantitative restrictions, or of any other measure related to tra		Cada" list
			Refer to International Standard ISO 3166 "ISO ALPHA-2 Co		
X	9213		TYPE OF DUTY REGIME, CODED	С	an3
			Identification of the statement of the full/preferential regime a	ccor	ding to
<b>V</b>	4100		which duty is assessed.	C	2
X	4183		SPECIAL CONDITIONS, CODED	С	an3
			Indication of a specific condition.		
X	4183		SPECIAL CONDITIONS, CODED	С	an3
			Indication of a specific condition.		
Х	4183		SPECIAL CONDITIONS, CODED	С	an3
			Indication of a specific condition.		
X	4183		SPECIAL CONDITIONS, CODED	С	an3
			Indication of a specific condition.		
X	4183		SPECIAL CONDITIONS, CODED	С	an3
	-105		Indication of a specific condition.	v	
			indication of a specific condition.		

Group:	RFF Segment Group 16: F	Reference
<b>Position:</b>	0710	
Group:	Segment Group 15 (Line Item)	Conditional (Optional)
Level:	3	
Usage:	Conditional (Required)	
Max Use:	99	
<b>Purpose:</b>		

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	Name	Des.	Use	<b>Repeat</b>
Must Use	0720	RFF	Reference	Μ	1	
	0730	NAD	Name and Address	С	1	
	0750	DTM	Date/Time/Period	С	1	

### RFF Poforonce

Segment:	RFF Reference
Position:	0720 (Trigger Segment)
Group:	Segment Group 16 (Reference) Conditional (Required)
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	To specify a reference.
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	One interation of Segment Group 16 is required to convey purchase order information.

#### RFF+ON:9TK52' RFF+CN:12345678B'

	Data Element Summary						
>>	Data <u>Element</u> C506	Component <u>Element</u>			<u>Attributes</u> M		
			Identification of a	reference.			
>>		1153	Reference qualifi	er	M an3		
			Code giving specif	fic meaning to a reference segment or a ref	Ference number.		
			AAO	Consignee's shipment reference number	r		
				[1362] Reference assigned by the consi	gnee to a		
				shipment.			
				For Consolidated International Shipmer	nts only.		
			AWB	Air waybill number			
				Reference number assigned to an air wa $= 740.$	aybill, see: 1001		
				For Consolidated International Shipmer	nts only.		
			BM	Bill of lading number			
				Reference number assigned to a bill of lading, see: $1001 = 705$ .			
				For Consolidated International Shipmer	nts only.		
			CN	Carrier's reference number			
				Reference number assigned by carrier t	o a consignment.		
			CR	Customer reference number			
				Reference number assigned by the custo	omer to a		
				transaction.			
				For Consolidated International Shipmer	nts only.		
			FN	Freight bill number			
				Reference number assigned by issuing p bill.	party to a freight		
				For Consolidated International Shipmer	nts only.		
			MB	Master bill of lading number			
				Reference number assigned to a master see: $1001 = 704$ .	bill of lading,		
				For Consolidated International Shipmer	nts only.		
			ON	Order number (purchase)			
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DESADV -	-			58	January 15, 2000		

		NY	[1022] Reference number assigned by to order. THIS PURCHASE ORDER DATA IS FOR EVERY LINE ITEM.		-
		РК	Packing list number		
			(1014) Reference number assigned to a $1001 = 271$ .	packi	ing list, see:
			For Consolidated International Shipmer	nts on	ly.
		SI	SID (Shipper's identifying number for s	hipm	ent)
			Description to be provided.		
			For Consolidated International Shipmen	nts on	ly.
	1154	<b>Reference number</b>		С	an35
			er the nature and function of which can b at 1153 Reference qualifier.	e qua	lified by an
X	1156	Line number		С	an6
		Number of the line in number.	in the document/message referenced in 1	154 R	eference
X	4000	Reference version	number	С	an35
		To uniquely identify	y a reference by its revision number.		

	Segment: Position: Group: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	0730 Segment 4 Condition 1 To specif unstructu	red by CO58 or	rence) Conditional (Required) ress and their related function, either by CO8 structured by CO80 thru 3207.	-	
	Notes:		ed for Consolida J+123456789::1	ted International Shipments only to identify 6'	the orig	ginal shipper.
	<b>D</b> (	C		Element Summary		
>>	Data <u>Element</u> 3035	Component <u>Element</u>	<u>Name</u> PARTY QUA	<b>LIFIER</b> becific meaning to a party.	<u>Attı</u> M	<u>ributes</u> an3
			in this segment		ly the S	F is required
			SF	Ship from Identification of the party from where have been shipped.	goods	will be or
			SU	Supplier (3280) Party which manufactures or o possession of goods, and consigns or a available in trade.		
>>	C082			TIFICATION DETAILS	С	
>>		3039	Identification o Party id. ident	of a transaction party by code.	М	an35
			•	ng a party involved in a transaction.		
X		1131	<b>Code list quali</b> Identification o		С	an3
>>		3055		onsible agency, coded	С	an3
			16	ng the agency responsible for a code list. DUNS (Dun & Bradstreet)		
	C058		92 NAME AND A	Assigned by buyer or buyer's agent	С	
	000			ame and address: one to five lines.	C	
>>		3124	Name and add		Μ	an35
		3124	Name and add		С	an35
		3124	Name and add		С	an35
		3124	Free form name Name and add	e and address description. Iress line	С	an35

			Free form name and address description.		
		3124	Name and address line	С	an35
			Free form name and address description.		
	C080		PARTY NAME	С	
			Identification of a transaction party by name, one to five lines be formatted.	. Par	ty name may
>>		3036	Party name	Μ	an35
			Name of a party involved in a transaction.		
		3036	Party name	С	an35
			Name of a party involved in a transaction.		
		3036	Party name	С	an35
			Name of a party involved in a transaction.		
		3036	Party name	С	an35
			Name of a party involved in a transaction.		
		3036	Party name	С	an35
			Name of a party involved in a transaction.		
X		3045	Party name format, coded	С	an3
			Specification of the representation of a party name.		
	C059		STREET	С	
			Street address and/or PO Box number in a structured address lines.	one	to three
>>		3042	Street and number/p.o. box	Μ	an35
			Street and number in plain language, or Post Office Box No.		
		3042	Street and number/p.o. box	С	an35
			Street and number in plain language, or Post Office Box No.		
		3042	Street and number/p.o. box	С	an35
			Street and number in plain language, or Post Office Box No.		
		3042	Street and number/p.o. box	С	an35
			Street and number in plain language, or Post Office Box No.		
	3164		CITY NAME	С	an35
			Name of a city (a town, a village) for addressing purposes.		
	3229		COUNTRY SUB-ENTITY IDENTIFICATION	С	an9
			Identification of the name of sub-entities (state, province) def appropriate governmental agencies.	ined	by
	3251		POSTCODE IDENTIFICATION	С	an9
			Code defining postal zones or addresses.		
	3207		COUNTRY, CODED	С	an3
			Identification of the name of a country or other geographical in ISO 3166.	entity	y as specified

Segment:	DTM Date/Time/Period
Position:	0750
Group:	Segment Group 16 (Reference) Conditional (Required)
Level:	4
Usage:	Conditional (Optional)
Max Use:	1
<b>Purpose:</b>	To specify date, and/or time, or period.
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	Used for Consolidated International Shipments only.

DTM+11:199712251153:203'

Duta Elenent Summary						
	Data	Componen	t			
	<b>Element</b>	Element	Name		Attı	<u>ibutes</u>
>>	C507		DATE/TIME/PER	RIOD	Μ	
			Date and/or time, o	r period relevant to the specified date/time	e/peri	od type.
>>		2005	Date/time/period of	qualifier	Μ	an3
			Code giving specifi	c meaning to a date, time or period.		
			11	Despatch date and or time		
				(2170) Date/time on which the goods are expected to be despatched or shipped.	e or a	ure
>>		2380	Date/time/period		С	an35
			The value of a date representation.	, a date and time, a time or of a period in a	spec	rified
>>		2379	Date/time/period f	format qualifier	С	an3
			Specification of the	representation of a date, a date and time of	or of	a period.
			203	CCYYMMDDHHMM		
				Calendar date including time with minut Y=Year; M=Month; D=Day; H=Hour; M		

Group:	PCI Segment Group 20: Package Identification
<b>Position:</b>	0880
Group:	Segment Group 15 (Line Item) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	9999
<b>Purpose:</b>	
Notes:	Segment Group 20 is used exclusively to describe raw material specifications.
1.000000	

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	Name	Des.	Use	<u>Repeat</u>
Must Use	0890	PCI	Package Identification	Μ	1	
	0910	MEA	Measurements	С	10	
	0920	QTY	Quantity	С	1	
	0930		Segment Group 21: Goods Identity Number	С		10

Segment:	PCI Package Identification
<b>Position:</b>	0890 (Trigger Segment)
Group:	Segment Group 20 (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:	
<b>Comments:</b>	
Notes:	PCI+15+12345'

	Data	Componen	t		
	Element	Element	Name	Att	ributes
	4233	Liement	MARKING INSTRUCTIONS, CODED	C	an3
			Code indicating instructions on how specified packages or pl	ivsica	l units
			should be marked.	2	
			15 Mark supplier number		
			This must be the Barcoded Serial Numb PRIMARY METAL information.	ber wl	nen sending
	C210		MARKS & LABELS	С	
			Shipping marks on packages in free text; one to ten lines.		
>>		7102	Shipping marks	Μ	an35
			Marks and numbers identifying individual packages.		
		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
Х		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X		7102	Shipping marks	С	an35
			Marks and numbers identifying individual packages.		
X	8275		CONTAINER/PACKAGE STATUS, CODED	С	an3
			Code to identify whether goods of separate description or consignments are contained in the same external packaging of container or similar unit load device is empty.	-	0 1

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C827		TYPE OF MARKING	С	
		Specification of the type of marking that reflects the method the conventions adhered to for marking (e.g. of packages).	that v	vas used and
	7511	Type of marking, coded	Μ	an3
		To specify the type of marking that reflects the method and t adhered to for marking.	he co	nventions
	1131	Code list qualifier	С	an3
		Identification of a code list.		
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	С	an3
	C827	7511 1131	<ul> <li>Specification of the type of marking that reflects the method the conventions adhered to for marking (e.g. of packages).</li> <li>7511 Type of marking, coded <ul> <li>To specify the type of marking that reflects the method and t adhered to for marking.</li> </ul> </li> <li>1131 Code list qualifier <ul> <li>Identification of a code list.</li> </ul> </li> <li>3055 Code list responsible agency, coded</li> </ul>	Specification of the type of marking that reflects the method that we the conventions adhered to for marking (e.g. of packages).         7511       Type of marking, coded       M         To specify the type of marking that reflects the method and the convadhered to for marking.       M         1131       Code list qualifier       C         Identification of a code list.       3055       Code list responsible agency, coded       C

Segment:	MEA Measurements
Position:	0910
Group:	Segment Group 20 (Package Identification) Conditional (Optional)
Level:	4
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	To specify physical measurements, including dimension tolerances, weights and counts.
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	MEA+PD+WT+LBR:6'

	_	-		lent Summary		
	Data	Componen			• • •	
	<u>Element</u>	Element	Name			ributes
>>	6311			Γ PURPOSE QUALIFIER	Μ	an3
			Specification of the	e purpose of the measurement.		
			PD	Physical dimensions (product ordered)		
				Specified measurement dimensions refe	er to p	hysical
				dimensions of a product, material or page	ckage	
	C502		MEASUREMEN	Г DETAILS	С	
			Identification of m	easurement type.		
		6313	Property measure	ed, coded	С	an3
			Specification of the	e property measured.		
			LN	Length dimension		
				(6168) Length of pieces or packages sta	ted for	or transport
				purposes.		I
			TH	Thickness		
			WD	Width dimension		
				Numeric value of width.		
			WT	Weight		
				[6150] Numeric value of weight.		
X		6321	Measurement sig	_	С	an3
				e significance of a measurement value.	_	
X		6155		ribute identification	С	an17
		0100		fy non-discrete measurement values.	U	
X		6154	Measurement att	•	С	an70
Λ		0134		crete measurement values.	C	an70
	C174		VALUE/RANGE	crete measurement values.	С	
	C1/4				-	
			Measurement value order.	e and relevant minimum and maximum tol	eranc	es in that
>>		6411	Measure unit qua	lifier	м	an3
//		0411	-	nit of measurement in which weight (mass)		
				her quantity is expressed.	), cap	acity, length,
				Trade Recommendation 20.		
>>		6314	Measurement val		С	an18
~~		0.217	Value of the measurement		C	ull10
			value of the illeast	iicu uiiit.		

Χ		6162	Range minimum	С	n18
			Minimum of a range.		
Χ		6152	Range maximum	С	n18
			Maximum of a range.		
X		6432	Significant digits	С	n2
			To specify the number of significant digits.		
X	7383		SURFACE/LAYER INDICATOR, CODED	С	an3
			Code indicating the surface or layer of a product that is be	ing desc	ribed.

Segment:	QTY Quantity	
Position:	0920	
Group:	Segment Group 20 (Package Identification)	Conditional (Optional)
Level:	4	
Usage:	Conditional (Optional)	
Max Use:	1	
Purpose:	To specify a pertinent quantity.	
Syntax Notes:		
Semantic Notes:		
<b>Comments:</b>		
Notes:	QTY+12:3'	

	Data	Component	t	
	<b>Element</b>	<u>Element</u>	Name	<b>Attributes</b>
>>	C186		QUANTITY DETAILS	Μ
			Quantity information in a transaction, qualified when relevan	ıt.
>>		6063	Quantity qualifier	M an3
			Code giving specific meaning to a quantity.	
			12 Despatch quantity	
			Quantity despatched by the seller.	
>>		6060	Quantity	M n15
			Numeric value of a quantity.	
		6411	Measure unit qualifier	C an3
			Indication of the unit of measurement in which weight (mass area, volume or other quantity is expressed.	), capacity, length,
			This must be the same Unit of Measure provided on the correction document	esponding
			shipment authorization document.	

Group: GIN	Segment Group 21: Goods Identi	ty Number
Position: 0930		
Group: Segment G	roup 20 (Package Identification)	Conditional (Optional)
Level: 4		
Usage: Conditiona	l (Optional)	
<b>Max Use:</b> 10		
Purpose:		
Notes: For Primar	y Metals	

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	ID	<u>Name</u>	Des.	<u>Use</u>	<u>Repeat</u>
Must Use	0940	GIN	Goods Identity Number	М	1	

Segment:	GIN Goods Identity Number
<b>Position:</b>	0940 (Trigger Segment)
Group:	Segment Group 21 (Goods Identity Number) Conditional (Optional)
Level:	4
Usage:	Mandatory
Max Use:	1
Purpose:	To give specific identification numbers, either as single numbers or ranges.
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	GIN+BX+BC123HV4579X'

	Data	Componen	data Element Summary		
	<b>Element</b>	Componen Element	Name	A ++-	rihutos
>>	<u>Element</u> 7405	Element	Name IDENTITY NUMBER QUALIFIER	M	ributes an3
~~	7403		Code specifying the type/source of identity number.	TAT	u11
			BX Batch number		
			Unique number affixed by manufactures	r to a	batch of
			products produced under similar condit		
>>	C208		IDENTITY NUMBER RANGE	M	
			Goods item identification numbers, start and end of consecut	ively	numbered
			range.	•	
>>		7402	Identity number	Μ	an35
			The number given to an object for its unique identification.		
		7402	Identity number	С	an35
			The number given to an object for its unique identification.		
	C208		IDENTITY NUMBER RANGE	С	
			Goods item identification numbers, start and end of consecut	ively	numbered
			range.		
>>		7402	Identity number	Μ	an35
			The number given to an object for its unique identification.		
		7402	Identity number	С	an35
			The number given to an object for its unique identification.		
	C208		IDENTITY NUMBER RANGE	С	
			Goods item identification numbers, start and end of consecut	ively	numbered
		= 40.5	range.		
>>		7402	Identity number	M	an35
			The number given to an object for its unique identification.		<i>c</i> -
		7402	Identity number	С	an35
			The number given to an object for its unique identification.		
	C208		IDENTITY NUMBER RANGE	С	
			Goods item identification numbers, start and end of consecut	ively	numbered
		7402	range.	м	on 35
>>		7402	Identity number	IVI	an35
		7402	The number given to an object for its unique identification.	C	
		7402	Identity number	С	an35
			The number given to an object for its unique identification.		
C		A 11 D	1.4. D 1		

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January 15, 2000

C208		IDENTITY NUMBER RANGE	С	
		Goods item identification numbers, start and end of consecut	ively	numbered
		range.		
	7402	Identity number	Μ	an35
		The number given to an object for its unique identification.		
	7402	Identity number	С	an35
		The number given to an object for its unique identification.		

>>

### Summary

Segment:	UNT Message Trailer
<b>Position:</b>	1040
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To end and check the completeness of a Message
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	
Notes:	UNT+188+1'

			Data Element Summary		
	Data	Componen	t		
	Element	<u>Element</u>	<u>Name</u>	Attr	<u>ibutes</u>
>>	0074		NUMBER OF SEGMENTS IN A MESSAGE	Μ	n10
			Control count of number of segments in a message.		
>>	0062		MESSAGE REFERENCE NUMBER	Μ	an14
			Unique message reference assigned by the sender.		
			Must match the message reference number in the UNH.		

### **DESADV EXAMPLE**

UNH+1+DESADV:D:97A:UN' BGM+351+123456789+9' DTM+137:199712251156:203' DTM+11+199712251153:203' MEA+AAX+SQ+C62:6' RFF+CN:12345678A' RFF+PK:123456789' NAD+MI+987654321::16' NAD+ST+4095::92' LOC+11+DOCK3' NAD+SU+876543210::16++ABC COMPANY' TDT+12++C++WXYZ::182' EQD+CN+A978+23' SEL+6188AB' CPS+1++4' PAC+40+::9+5131::92' QTY+52:50' PCI+16' RFF+CW:5678' GIR+3+S00003:AL+12345670' LIN+++10243389:IN' PIA+1+1997:RY' QTY+12:2000' RFF+ON:9TK52' RFF+CN:12345678B' CPS+2++4' PAC+20+::9+5131::92' QTY+52:30' PCI+16' RFF+CW:1234' GIR+3+S00004:AL+12345671' LIN+++9894234:IN' QTY+12:600' RFF+ON:9TK80' UNT+40+1'

# **DESADV** Guideline Change Log

ltem Number	Segment Group	Segment	Composite Code	Component	Code Values	Detail of Change
98.1.1	SG21					Allowed for optional usage of Segment Group 21 for accommodate business requirements for raw materials
98.2.1	SG15					Changed documentation to reflect that SG15 is a required segment group
98.2.2	SG16	RFF	C506	1153	TN	Removed Code Value 'TN'
98.2.3	SG15	LIN	1222			Added Simple Data Element 1222 to the LIN in SG15. This information is obtained from the Ship Direct DELJIT Message authorizing shipment.
98.2.4	0050	MEA	C174	6411	KGM	Changed Recommendation 20 abbreviations for Kilograms from KD to KGM
98.3.1		DTM	C507	2379	102	Added code value "102" - CCYYMMDD. Some applications do not require time information.
98.3.2	SG2 & SG16	NAD	C082	3055		Mandate the use of data element 3055 to clarify the source of the party identification.
98.3.3	SG6	TDT	C220	8067		The European AMK system prefers to receive EDIFACT codes in data element 8067. This system plans to exist only throughout the year 2001.
98.3.4	SG8	EQD	C237	8260		Mandate the use of composite data element C237 to insure that that equipment identification is included.
98.3.5	SG15	LIN		1222		Remove data element 1222 as they're in no known application usage.
98.3.6	SG15	ΡΙΑ	C212	7143	UA	Add code value 'UA' - Ultimate customer article number to echo information provided in DELFOR
98.3.7	SG2	NAD	C080	3036		Remove 4 iterations of data element 3036 as there is no known usage
98.3.8	SG2	NAD	C080	3045		Remove data element 3045 - no applications are requiring this information
98.3.9	SG2	NAD	C059	3042		Remove data element 3042 - no applications are requiring this information

98.3.10	SG2	NAD	3164			Remove data element 3164- no applications are requiring this information
98.3.11	SG2	NAD	3229			Remove data element 3229- no applications are requiring this information
98.3.12	SG2	NAD	3251			Remove data element 3251- no applications are requiring this information
98.3.13	SG6	TDT	8028			Remove data element 8028 as they're in no known application usage.
98.3.14	SG10	CPS	7166			Remove data element 7166 as they're in no known application usage.
98.3.15	SG10	CPS	7075		2	Remove code value - 2 'Intermediate Packaging Level '. No known application usage.
98.3.16	SG11	PAC	C531	7073	5	Remove code value 5 - 'Carrier's durable' package. No known application usage.
98.3.17	SG11	PAC	C531	7073	7	Remove code value 7 - 'Seller's durable' package. No known application usage.
98.3.18	SG11	PAC	C202	3055	87	Remove code value 87 - 'Assigned by carrier'. No known application usage.
98.3.19	SG15	PIA	C212	7143	EC	Remove code value EC - 'Engineering Change'. No known application usage.
98.3.20	SG15	ALI				Remove ALI Segment in Segment Group 15. No known usage
98.3.21	SG15	TDT				Remove TDT Segment in Segment Group 15. No known usage
98.3.22	SG20	PCI	C210	7102		Limited the number of occurrences of data element 71-02 to two
98.3.23		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.
99.4.1	SG15					Change Segment Group to conditional, rather than required.
99.4.2	SG15	ALI				Add segment as conditional usage within message. Provided information concerning country of origin.
99.5.1		UNH	S009	0057 (2 nd 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.
99.5.2		UNT		0074		Revise the field size from n6 to n10
		•	•			