GENERAL MOTORS

EDIFACT IMPLEMENTATION GUIDELINES FOR DESADV MESSAGE

DELIVERY DESPATCH ADVICE MESSAGE

D.97A

Version 1.3

General Motors Customer Care & Aftersales (CCA)

General Motors

EDIFACT IMPLEMENTATION GUIDELINES

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EDIFACT IMPLEMENTATION GUIDELINES

INTRODUCTION:

This Implementation Guideline provides the specific description of a subset of the EDIFACT DESADV D97.A message to be used between a Trading Partner and CCA NA Materials.

DEFINITION AND DESCRIPTION:

This document provides the definition of a Delivery Despatch Advice Message, to be used in Electronic Data Interchange (EDI) between a Trading Partner and CCA NA Materials. This documentation is fully comprehensive and allows the implementation of the EDIFACT DESADV without the necessity for any additional standard related documentation.

The following pages contain a full description of the EDIFACT DESADV D97.A message as implemented by General Motors. All segments to be used in the interchange with General Motors are included. The official EDIFACT segment description is complemented with remarks pertaining to the specific requirements for an interchange with General Motors. Those remarks contain specific code values used, additional information on the values shown in a specific field, etc. The aim of those remarks is to simplify the implementation of the message.

FUNCTIONAL DEFINITION:

An EDI 945 Warehouse Shipping Advice is an EDI transaction set used to confirm the completion of a shipment. This document is usually sent from a third-party logistics provider (3PL) or remote warehouse, to their client, letting them know that a shipment has taken place.

REFERENCES:

This document provides the specific description of the 945 message and has been developed based on version 4010 of the ANSI X12 Standard.

RESPONSIBILITY AND MAINTENANCE:

This document was developed and is maintained by the General Motors Global EDI Group. It is distributed General Motors Suppliers.

The General Motors Global EDI Group will review changes to this document, as needed. The change process can only be initiated by individuals/organizations within the General Motors Corporation. Changes to this guideline will be considered as needed, to ensure that there is a consistent interpretation 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'.

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	0370		Segment Group 10: CPS-SG11-SG15	C		9999	
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	0400		Segment Group 11: PAC-SG13	C		9999	
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27	0560	LIN	Line Item	M	1		
28	0600	QTY	Quantity	M	10		
	0710		Segment Group 16: RFF	M		99	
30	0720	RFF	Reference	M	1		

Summary Section:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
31	1040	UNT	Message Trailer	M	1		

Segment:	**UNB** Interchange Header
Position:	0005
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To start, identify and specify an interchange
Notes:	*Example:*
	UNB+UNOA:2+ABC:ZZ+DEF:ZZ+250825:1408+000002191++DESADV'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
S001		**SYNTAX IDENTIFIER**	M	
		Identification of the agency controlling the syntax and indication of syntax level.		
	0001	**Syntax identifier**	M	a4
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.		
		UNOA UN/ECE level A		
	0002	**Syntax version number**	M	n1
		Version number of the syntax identified in the syntax identifier (0001).		
		2 Version 2		
S002		**INTERCHANGE SENDER**	M	
		Identification of the sender of the interchange.		
	0004	**Sender identification**	M	an..35
		Name or coded representation of the sender of a data interchange.		
	0007	**Partner identification code qualifier**	C	an..4
		Qualifier referring to the source of codes for the identifiers of interchanging partners.		
		ZZZ Mutually defined		
S003		**INTERCHANGE RECIPIENT**	M	
		Identification of the recipient of the interchange.		
	0010	**Recipient identification**	M	an..35
		Name or coded representation of the recipient of a data interchange.		
	0007	**Partner identification code qualifier**	C	an..4
		Qualifier referring to the source of codes for the identifiers of interchanging partners.		
		ZZZ Mutually defined		
S004		**DATE AND TIME OF PREPARATION**	M	
		Date and time of preparation of the interchange.		
	0017	**Date of preparation**	M	n6
		Local date when an interchange or a functional group was prepared.		
	0019	**Time of preparation**	M	n4
		Local time of day when an interchange or a functional group was prepared.		
0020		**INTERCHANGE CONTROL REFERENCE**	M	an..14
		Unique reference assigned by the sender to an interchange.		
0026		**APPLICATION REFERENCE**	C	an..14
		Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.		

Segment:	**UNH** Message Header	
Position:	0010	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.	
	Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:	
	Data element 0065 DESADV 0052 D 0054 97A 0051 UN	
Notes:	*Example:*	
	UNH+2231+DESADV:D:97A:UN'	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
0062		**MESSAGE REFERENCE NUMBER**	M	an..14
		Unique message reference assigned by the sender.		
		Must match the Message Reference Number in the UNT Segment.		
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.		
		DESADV Despatch advice message		
	0052	**Message type version number**	M	an..3
		Version number of a message type.		
		D Draft version/UN/EDIFACT Directory		
	0054	**Message type release number**	M	an..3
		Release number within the current message type version number (0052).		
		97A Release 1997 - A		
	0051	**Controlling agency**	M	an..2
		Code identifying the agency controlling the specification, maintenance and publication of the message type.		
		UN UN/ECE/TRADE/WP.4		

Segment:	**BGM** Beginning of Message
Position:	0020
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A segment for unique identification of the Despatch Advice document, by means of its name and its number.
Notes:	*Example:* *BGM+351+104744+9'*

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C002		**DOCUMENT/MESSAGE NAME**	M	
		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.		
		351 Despatch advice		
C106		**DOCUMENT/MESSAGE IDENTIFICATION**	M	
		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.		
		A unique control number, commonly called a Shipment Identification Number (SID), assigned by the original shipper to identify a specific shipment. This unique control number cannot be repeated within a one year period. This number must be referenced on both the packing list and the Bill of Lading as the Shipment Identification Number (SID). The SID can not exceed 9 characters in length.		
	1225	**MESSAGE FUNCTION, CODED**	M	an..3
		Code indicating the function of the message.		
		9 Original		

Segment:	**DTM** Date/Time/Period
Position:	0030
Group:	
Level:	1
Usage:	Mandatory
Max Use:	2
Purpose:	Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.
Notes:	*Examples:*
	DTM+137:202508031408:203'
	DTM+11:202508031408:203'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
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.		
		Two iterations of the DTM segment are mandatory, using qualifiers 11 and 137.		
		11　　　　　Despatch date and or time		
		137　　　　Document/message date/time		
	2380	**Date/time/period**	**M**	**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**	**M**	**an..3**
		Specification of the representation of a date, a date and time or of a period.		
		203　　　　　CCYYMMDDHHMM		

Segment:	**MEA** Measurements	
Position:	0050	
Group:		
Level:	1	
Usage:	Mandatory	
Max Use:	3	
Purpose:	A segment specifying the weight and volume of the consignment.	
Notes:	*NOTE: Two iterations of the MEA are required to indicate both the number of lading units and the weight of the shipment.*	
	Examples:	
	MEA+AAX+G+LBR:19192'	
	MEA+AAX+SQ+C62:14'	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
6311		**MEASUREMENT PURPOSE QUALIFIER**	**M**	**an..3**
		Specification of the purpose of the measurement.		
		AAX Consignment measurement		
C502		**MEASUREMENT DETAILS**	**M**	
		Identification of measurement type.		
	6313	**Property measured, coded**	**M**	**an..3**
		Specification of the property measured.		
		G Gross weight		
		N Actual net weight		
		SQ Shipped quantity		
C174		**VALUE/RANGE**	**M**	
		Measurement value and relevant minimum and maximum tolerances in that order.		
	6411	**Measure unit qualifier**	**M**	**an..3**
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
		GM will accept the following qualifiers:		
		KGM - Kilograms		
		LBR - Pounds		
		STN - Ton		
		C62 - Pieces		
	6314	**Measurement value**	**M**	**an..18**
		Value of the measured unit.		
		Whole numeric values only, NO decimals accepted.		

Group: **RFF** Segment Group 1: Reference

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

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0080	RFF	Reference	M	1	

Segment:	**RFF** Reference	
Position:	0080 (Trigger Segment)	
Group:	Segment Group 1 (Reference)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.	
Notes:	*If shipment is assigned by GM CCA Lead Logistics Provider (LLP), include their LLP confirmation Number.*	
	Example:	
	RFF+CN:K613501'	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
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.		
		CN Carrier's reference number		
	1154	**Reference number**	M	an..35
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		LLP Confirmation Number is a 7 character alpha-numeric value.		

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

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0110	NAD	Name and Address	M	1	
0120	LOC	Place/Location Identification	O	10	

Segment:	**NAD** Name and Address
Position:	0110 (Trigger Segment)
Group:	Segment Group 2 (Name and Address) Mandatory
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.
	It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.
Notes:	*NOTE: Three iterations of the NAD segment are mandatory, using qualifiers MI, ST, and SU.*
	Examples:
	NAD+MI+17501::92'
	NAD+ST+17787::92'
	NAD+SU+785477238::16'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
3035		**PARTY QUALIFIER**	M	an..3
		Code giving specific meaning to a party.		
		MI Planning schedule/material release issuer		
		GM CCA US - 17501		
		GM CCA Canada - 14502		
		ST Ship to		
		SU Supplier		
C082		**PARTY IDENTIFICATION DETAILS**	M	
		Identification of a transaction party by code.		
	3039	**Party id. identification**	M	an..35
		Code identifying a party involved in a transaction.		
	3055	**Code list responsible agency, coded**	M	an..3
		Code identifying the agency responsible for a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		

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

Notes: *If Plant/Dock code is transmitted in the DELFOR, the LOC is mandatory to be returned in the DESAV.*

Example:
LOC+11+0'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
3227		**PLACE/LOCATION QUALIFIER**	M	an..3
		Code identifying the function of a location.		
	11	Place/port of discharge		
		Dock Code		
C517		**LOCATION IDENTIFICATION**	M	
		Identification of a location by code or name.		
	3225	**Place/location identification**	M	an..25
		Identification of the name of place/location, other than 3164 City name.		
		Materials Management - Dock Code transmitted in DELFOR, Group 12 LOC Segment.		

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

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0240	TDT	Details of Transport	M	1	

Segment:	**TDT** Details of Transport
Position:	0240 (Trigger Segment)
Group:	Segment Group 6 (Details of Transport) Mandatory
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment specifying the carriage, and the mode and means of transport of the goods being despatched.
Notes:	*Example:*
	TDT+12++M++PSKL::182'

Data Element Summary

Data Element	Component Element	Name	Req Des/Repr
8051		**TRANSPORT STAGE QUALIFIER**	**M an..3**
		Qualifier giving a specific meaning to the transport details.	
		12 At departure	
C220		**MODE OF TRANSPORT**	**M**
		Method of transport code or name. Code preferred.	
	8067	**Mode of transport, coded**	**M an..3**
		Coded method of transport used for the carriage of the goods.	

General Codes to be used for GM are listed below. To verify mode of transport, contact the GM Plant directly.

A	*Air*
AC	*Air Charter*
B	*Barge*
C	*Consolidation Center*
CE	*Customer Pickup*
D	*Parcel Post*
E	*Expedite*
GS	*Milk Run*
LT	*Less than Truckload*
M	*Motor (full truck)*
R	*Rail*
SS	*Steamship*
VE	*Vessel Ocean*

Data Element	Component Element	Name	Req Des/Repr
C040		**CARRIER**	**M**
		Identification of a carrier by code and/or by name. Code preferred.	
	3127	**Carrier identification**	**M an..17**
		Identification of party undertaking or arranging transport of goods between named points.	
		The Standard Carrier Alpha Code (SCAC) or GM CCA assigned code.	
	3055	**Code list responsible agency, coded**	**M an..3**
		Code identifying the agency responsible for a code list.	
		182 US, Standard Carrier Alpha Code (Motor)	

Group:	**EQD** **Segment Group 8: Equipment Details**	
Position:	0290	
Group:		
Level:	1	
Usage:	Mandatory	
Max Use:	10	
Purpose:	A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.	

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0300	EQD	Equipment Details	M	1	

	EQD Equipment Details
Segment:	

Segment: **EQD** Equipment Details
Position: 0300 (Trigger Segment)
Group: Segment Group 8 (Equipment Details)   Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: 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.
Notes: *Example:*
EQD+TE+28939'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
8053		EQUIPMENT QUALIFIER	M	an..3
		Code identifying type of equipment.		
		RR Rail car		
		TE Trailer		
C237		EQUIPMENT IDENTIFICATION	M	
		Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
	8260	Equipment identification number	M	an..17
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		

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

Segment Summary

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

Segment:	**CPS** Consignment Packing Sequence	
Position:	0380 (Trigger Segment)	
Group:	Segment Group 10 (Consignment Packing Sequence)	Mandatory
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.	
Notes:	*Example:* *CPS+1++3'* *CARTON Suppliers will always use:* *CPS+1++4'*	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
7164		**HIERARCHICAL ID. NUMBER**	M	an..12
		A unique number assigned by the sender to identify a level within a hierarchical structure.		
		Begin with the number 1 and increment by one for each occurrence within the message. Numbers are not to be repeated within the same message.		
7075		**PACKAGING LEVEL, CODED**	M	an..3
		Indication of level of packaging specified.		
	3	Outer		
	4	No packaging hierarchy		

Group: **PAC** Segment Group 11: Package
Position: 0400
Group: Segment Group 10 (Consignment Packing Sequence)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0410	PAC	Package	M	1	
0470		Segment Group 13: Package Identification	C		1000

Segment:	**PAC** Package	
Position:	0410 (Trigger Segment)	
Group:	Segment Group 11 (Package)	Conditional (Optional)
Level:	2	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.	
Notes:	*Example:*	
	PAC+1'	
	MATERIALS Suppliers - Segment is Conditional	
	CARTON Suppliers - Do not use this segment.	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
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.

Group: **PCI** Segment Group 13: Package Identification
Position: 0470
Group: Segment Group 11 (Package)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1000
Purpose: A group of segments specifying markings, labels, and packing numbers.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0480	PCI	Package Identification	M	1	
0490	RFF	Reference	C	1	

Segment:	**PCI** Package Identification
Position:	0480 (Trigger Segment)
Group:	Segment Group 13 (Package Identification) Conditional (Optional)
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.
Notes:	*Example:*
	PCI+16'
	MATERIALS Suppliers - Segment is Conditional.
	CARTON Suppliers - Do not use this segment.

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
4233		MARKING INSTRUCTIONS, CODED	C	an..3
		Code indicating instructions on how specified packages or physical units should be marked.		
		16 Buyer's instructions		

Segment:	**RFF** Reference
Position:	0490
Group:	Segment Group 13 (Package Identification) Conditional (Optional)
Level:	4
Usage:	Conditional (Optional)
Max Use:	1
Purpose:	A segment for referencing the package identification e.g. master label number.
Notes:	*Example:* *RFF+CW:5678'* *MATERIALS Suppliers - Segment is Conditional.* *CARTON Suppliers - Do not use this segment.*

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
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.		
		CN Carrier's reference number		
		The identification used by the carrier to track a package, i.e. air bill / small package tracking number.		
		CW Package number		
		Container number assigned.		
	1154	**Reference number**	M	an..35
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		

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

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0560	LIN	Line Item	M	1	
0600	QTY	Quantity	M	10	
0710		Segment Group 16: Reference	M		99

Segment:	**LIN** Line Item
Position:	0560 (Trigger Segment)
Group:	Segment Group 15 (Line Item) Mandatory
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying the product being despatched.
	All other segments in the detail section following the LIN segment refer to that line item.
Notes:	*NOTE: GM CCA will only accept 999 iterations of Group 15. Only 999 part numbers can be transmitted.*
	MATERIALS Example:
	LIN+++84033182:IN'
	CARTON Example:
	LIN+++0A039233:IN'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
C212		**ITEM NUMBER IDENTIFICATION**	**M**	
		Goods identification for a specified source.		
	7140	**Item number**	**M**	**an..35**
		A number allocated to a group or item.		
		GM CCA Part Number		
	7143	**Item number type, coded**	**M**	**an..3**
		Identification of the type of item number.		
		IN Buyer's item number		

Segment:	**QTY** Quantity	
Position:	0600	
Group:	Segment Group 15 (Line Item)	Mandatory
Level:	3	
Usage:	Mandatory	
Max Use:	10	
Purpose:	A segment to give quantity information concerning the product.	
Notes:	*NOTE: Two iterations of the QTY Segment are required to indicate the CUM and SHIPPED Quantity.*	
	Examples:	
	QTY+12:40:EA'	
	QTY+3:1500:EA'	

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
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.		
		3 Cumulative quantity		
		12 Despatch quantity		
	6060	**Quantity**	**M**	**n..15**
		Numeric value of a quantity.		
	6411	**Measure unit qualifier**	**M**	**an..3**
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
		This must be the same Unit of Measure provided on the corresponding shipment authorization document.		

Group: **RFF** **Segment Group 16: Reference**
Position: 0710
Group: Segment Group 15 (Line Item)   Mandatory
Level: 3
Usage: Mandatory
Max Use: 99
Purpose: A group of segments to give reference numbers and dates.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0720	RFF	Reference	M	1	

Segment:	**RFF** Reference
Position:	0720 (Trigger Segment)
Group:	Segment Group 16 (Reference)　　　Mandatory
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying documents related to the line item.
Notes:	*NOTE: One iteration of Segment Group 16 is required to convey purchase order information.*
	MATERIAL Example:
	RFF+ON:12345678'
	CARTON Example:
	RFF+ON:12345678'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
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.		
		ON　　　　　Order number (purchase)		
		This Purchase Order data is required for every line item.		
	1154	Reference number	M	an..35
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		GM CCA Contract Number, as transmitted in the DELFOR, Group 13 RFF Segment.		

<table>
<tr><td>Segment:</td><td>UNT Message Trailer</td></tr>
<tr><td>Position:</td><td>1040</td></tr>
<tr><td>Group:</td><td></td></tr>
<tr><td>Level:</td><td>0</td></tr>
<tr><td>Usage:</td><td>Mandatory</td></tr>
<tr><td>Max Use:</td><td>1</td></tr>
<tr><td>Purpose:</td><td>A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.</td></tr>
<tr><td>Notes:</td><td>Example:
UNT+26+2231'</td></tr>
</table>

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	n..6
		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 Segment.		

Segment:**UNZ** Interchange Trailer

Position:	1050
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To end and check the completeness of an interchange.
Notes:	*UNZ+1+000002191'*

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
0036		**INTERCHANGE CONTROL COUNT**	M	n..6
		Count either of the number of messages or, if used, of the number of functional groups in an interchange.		
0020		**INTERCHANGE CONTROL REFERENCE**	M	an..14
		Unique reference assigned by the sender to an interchange.		

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MESSAGE EXAMPLES:

The following example is illustrative only and does not necessarily reflect every use case. This example may never be used as a basis for programming or implementing the message.

Sample GM DESADV Message:

UNB+UNOA:2+ABC:ZZ+DEF:ZZ+240603:1408+000002191++DESADV'	Interchange Header
UNH+2231+DESADV:D:97A:UN'	Message Header
BGM+351+104744+9'	Beginning of Message(SID Number)
DTM+137:202406031408:203'	Document Message Date/Time
DTM+11:202406031408:203'	Ship Date
MEA+AAX+G+LBR:19192'	Gross Weight
MEA+AAX+SQ+C62:14'	Net Weight
RFF+CN:K613501'	Carrier Reference number
NAD+MI+17501::92'	Plant Code
NAD+ST+17787::92'	Ship To
NAD+SU+785477238::16'	Supplier
LOC+11+0'	Line Number
TDT+12++M++PSKL::182'	Details for Transport
EQD+TE+28939'	Equipment Details
CPS+1++4'	Packing Sequence
PAC+1'	Package Type
LIN+++85556161:IN'	Line Item - Part Number Info
QTY+12:520:EA'	Despatch QTY
QTY+3:2864:EA'	Cumulative QTY
RFF+ON:12345678'	Order/Contract/PO Number
UNT+26+2231'	Message Trailer
UNZ+1+000002191'	Interchange Trailer

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DESADV GUIDELINE CHANGE LOG:

Date	Document Version	Segments Impacted	Detail of Change
12/2/20	1.0		Version 1.0 published
6/5/24	1.1	Intro Pages	Guideline format updated – no change to segments. DESADV Despatch Advice Message GM Statement added to Intro pages.
8/25/2025	1.2	UNB, DTM, MEA, & TDT	Updated segments from conditional to mandatory
8/25/2025	1.2	TDT	Added example mode of transport codes.
9/25/2025	1.3	LOC	Added grey note to LOC segment.