GENERAL MOTORS

EDIFACT IMPLEMENTATION GUIDELINES FOR DESADV MESSAGE

DELIVERY DESPATCH ADVICE MESSAGE

D.97A

Version 2.6

General Motors Assembly and Component Plants
Direct Material

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 General Motors Assembly & Component Plants.

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 General Motors.

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:

The ASN/Despatch Advice message is a message from a GM Supplier to the relevant GM application. It gives information concerning material despatched to a GM location as instructed by a previously received Delivery Instruction or Shipping Schedule message and in line with the conditions set out in the contract or order.

Failure to transmit a properly constructed DESADV message at time of shipment can result in the manual receipt of materials at the GM facility. This will result in a penalty assessed to the supplier and may result in payment delays.

REFERENCES:

This document provides the specific description of the EDIFACT DESADV message and has been developed based on version D97.A of the EDIFACT 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.

HOW TO READ THIS DOCUMENTATION:

All segments in the subset used by General Motors are described in the following pages. The segment description is to be read as follows:

1 **Segment: BGM Beginning of Message**

2 **Position:** 0020
Group:

3 **Level:** 0
Usage: Mandatory
Max Use: 1

4 **Purpose:** A segment indicating the beginning of a message and identifying the consignment for which status is being reported.

5 **Notes:** ***Example:***
BGM+23+751615766000+9'

6 **Data Element Summary**

7 Data Element	Component Element	Name		8 Attributes	
C002		**DOCUMENT/MESSAGE NAME**	**M**	**1**	
		Identification of a type of document/message by code or name. Code preferred.			
	1001	**Document name code**	**M**		**an..3**
		Code specifying the document name.			
		23 Status information			
	1000	**Document name**	**C**		**an..35**
		Free form description of the document.			
C106		**DOCUMENT/MESSAGE IDENTIFICATION**	**M**	**1**	
		Identification of a document/message by its number and eventually its version or revision.			
9		**External Notes:**			
		Sender internal message reference number			
	1004	**Document/message number**	**O**		**an..35**
		Reference number assigned to the document/message by the issuer.			
		External Notes:			
		May be the same as UNH.10, or any internal number.			
1225		**MESSAGE FUNCTION CODE**	**M**	**1**	**an..3**
		Code indicating the function of the message.			
		9 Original			

Legend

1. Segment position in the message structure, segment tag and segment name
2. Identification of the segment group and position within the message
3. Status of the segment, as defined by EDIFACT and GM
4. Description of the function of the segment, as defined by EDIFACT and GM
5. Example of segment as it may appear in an interchange.
6. The Data Element Summary identifies the data elements and details within the segment.
   7. Data element tag – data elements with a ‘C’ denote a Composite Data Element
   8. The Attributes column contain field requirement status, repeat count, data type, and field
   9. length
   - Highlighted lines contain remarks specific to General Motors’ use of the Data Element

MESSAGE STRUCTURE:

The message structure below illustrates how the segments may be used in the DESADV message to accommodate the requirements identified by General Motors:

├─UNH Message header	×1	(M)
├─BGM Beginning of message	×1	(M)
├─DTM Date/time/period	×10	(M)
├─MEA Measurements	×5	(M)
├─**Segment Group 1**	×10	(M)
│–├─RFF Reference	×1	(M)
├─**Segment Group 2**	×10	(M)
│–├─NAD Name and address	×1	(M)
│–├─LOC Place/location identification	×10	(C)
├─**Segment Group 6**	×10	(M)
│–├─TDT Details of transport	×1	(M)
├─**Segment Group 8**	×10	(M)
│–├─EQD Equipment details	×1	(M)
│–├─SEL Seal Number	×25	(C)
├─**Segment Group 10**	×9999	(C)
│–├─CPS Consignment packing sequence	×1	(M)
│–├─**Segment Group 11**	×9999	(C)
│–│–├─PAC Package	×1	(M)
│–│–├─QTY Quantity	×10	(C)
│–│–└─**Segment Group 13**	×1000	(C)
│–│──├─PCI Package identification	×1	(M)
│–│──├─RFF Reference	×1	(C)
│–│──├─GIR Related Identification Numbers	×99	(C)
│–└─**Segment Group 15**	×9999	(M)
│──├─LIN Line item	×1	(M)
│──├─PIA Additional product id	×10	(M)
│──├─QTY Quantity	×10	(M)
│──├─ALI Additional Information	×10	(C)
│──├─**Segment Group 16**	×99	(M)
│──│–├─RFF Reference	×1	(M)
│──├─**Segment Group 20** (Primary Metals Only)	×9999	(C)
│──│–├─PCI Package identification	×1	(M)
│──│–├─MEA Measurements	×10	(M)
│──│–├─QTY Quantity	×1	(M)
│──├─**Segment Group 21**	×10	(C)
│──│–├─GIN Goods Identity Number	×1	(M)
└─UNT Message trailer	×1	(M)

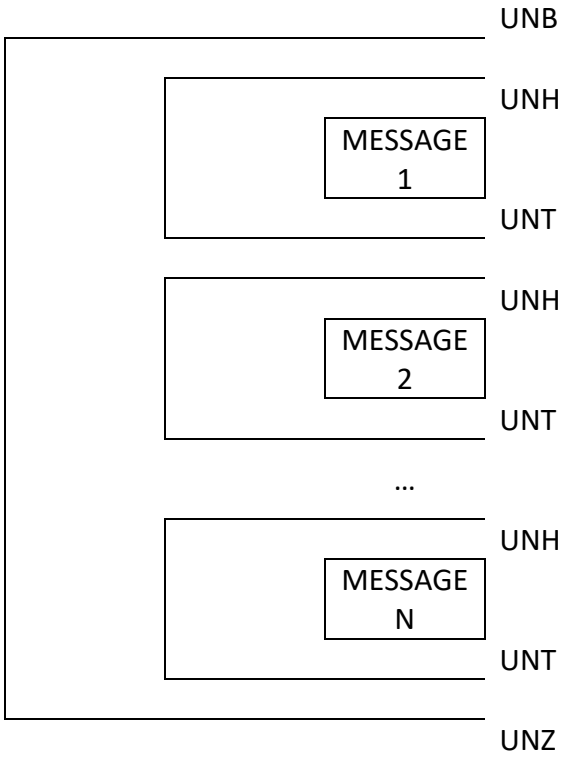
SERVICE SEGMENTS DESCRIPTION:

The following segments are as defined by EDIFACT.

The UNB, UNH, UNT, and UNZ segments are the envelope of any message, enclosing all the data that is being transmitted.

The UNB (Interchange Header) and UNZ (Interchange Trailer) segments mark respectively the beginning and the end of an interchange thereby providing a unique interchange control reference.

Within the interchange, the UNH (Message Header) and UNT (Message Trailer) segments uniquely begin and end the various messages contained in an interchange.



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'.

Heading Section:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
0005	UNB	Interchange Header	M	1		
0010	UNH	Message Header	M	1		
0020	BGM	Beginning of Message	M	1		
0030	DTM	Date/Time/Period	M	10		
0050	MEA	Measurements	M	5		
0070		Segment Group 1: RFF	M		10	
0080	RFF	Reference	M	1		
0100		Segment Group 2: NAD-LOC	M		10	
0110	NAD	Name and Address	M	1		
0120	LOC	Place/Location Identification	C	10		
0230		Segment Group 6: TDT	M		10	
0240	TDT	Details of Transport	M	1		
0290		Segment Group 8: EQD-SEL	M		10	
0300	EQD	Equipment Details	M	1		
0320	SEL	Seal Number	C	25		

Detail Section:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
0370		Segment Group 10: CPS-SG11-SG15	M		9999	
0380	CPS	Consignment Packing Sequence	M	1		
0400		Segment Group 11: PAC-QTY-SG13	C		9999	
0410	PAC	Package	M	1		
0430	QTY	Quantity	C	10		
0470		Segment Group 13: PCI-RFF-GIR	C		1000	
0480	PCI	Package Identification	M	1		
0490	RFF	Reference	C	1		
0510	GIR	Related Identification Numbers	C	99		
0550		Segment Group 15: LIN-PIA-QTY-ALI-SG16-SG20	M		9999	
0560	LIN	Line Item	M	1		
0570	PIA	Additional Product Id	M	10		
0600	QTY	Quantity	M	10		
0610	ALI	Additional Information	C	10		
0710		Segment Group 16: RFF	M		99	
0720	RFF	Reference	M	1		

0880		Segment Group 20: PCI-MEA-QTY-SG21 (Primary Metals Only)	C		9999
0890	PCI	Package Identification	M	1	
0910	MEA	Measurements	M	10	
0920	QTY	Quantity	M	1	
0930		Segment Group 21: GIN	C		10
0940	GIN	Goods Identity Number	M	1	

Summary Section:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
1040	UNT	Message Trailer	M	1		
1050	UNZ	Interchange Trailer	C	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+BFT:ZZ+250514:1315+00380+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.		
S003		**INTERCHANGE RECIPIENT**	**M**	
		Identification of the recipient of the interchange.		
	0010	**Recipient identification**	**M**	**an..35**
	0007	**Partner identification code qualifier**	**C**	**an..4**
		Qualifier referring to the source of codes for the identifiers of interchanging partners.		
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.		
		Reference number assigned by the sender of the message. This number must specifically identify each interface and must be UNIQUE within an inventory year.		
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.		
		DESADV		

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+1+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.		
		Message Control Number assigned by the sender to the message.		
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		
	0057	**Association assigned code**	**C**	**an..6**
		Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.		

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+123456789+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**	**M**	**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, must be 9 or less characters in length, and must be referenced on both the packing list and the bill of lading as the Shipment Identification Number (SID). For Intercontinental Shipments the Invoice Number could be required. Maximum length is 9 characters, yet Ship-Direct DESADV"s might contain more than 9 characters.		
1225		**MESSAGE FUNCTION, CODED**	**M**	**an..3**
		Code indicating the function of the message.		
		NOTE: The timing of ASN transmission is critical. Cancellations, Additions, or Changes must be transmitted within 10 minutes of the transmission of the original DESADV (ASN) transmission. Do not send if later than 10 minutes. When in doubt, check with your plant contact.		
		1 Cancellation		
		2 Addition		
		4 Change		
		9 Original		

Segment: **DTM** **Date/Time/Period**
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 10
Purpose: Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.
Notes: ***Two occurrences of the DTM segment are mandatory in the messages exchanged with GM (using qualifiers 137 & 11).***

The use of a DTM segment to indicate arrival time (with qualifier 132) should only be used when supplier is responsible for arrival per the terms of the contract.

Examples:
DTM+137:202507280000:203' - Mandatory
DTM+11:202508031245:203' - Mandatory
DTM+132:202508311000:203' - Optional

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.		
		11 Despatch date and or time		
		132 Arrival date/time, estimated		
		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: 5
Purpose: A segment specifying the weight and volume of the consignment.
Notes: ***There MUST be three occurrences of MEA in position 0050.***

Two occurrences must be used to specify weight, both gross and net.

The third occurrence must specify the number of lading units (pallets, skids, lifts, etc.) with the qualifier of C62 in data element 6411.

Examples:
MEA+AAX+G+LBR::44'
MEA+AAX+N+LBR::26'
MEA+AAX+SQ+C62:1'

Data Element Summary

Data Attributes 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**		**C**	
		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.			
		NOTE: When Data Element 6313 is 'SQ', C62 is the recommended value for Data Element 6411, and number of pieces are to be sent in Data Element 6314.			
	6314	**Measurement value**		**C**	**an..18**
		Value of the measured unit.			
		Actual weight, no decimal digits!			

Group: **RFF** **Segment Group 1: Reference**
Position: 0070
Group:
Level: 1
Usage: Mandatory
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) Mandatory
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: ***Two iterations of the RFF Segment are mandatory, with qualifiers CN and MB.***

Examples:
RFF+CN:901234567'
RFF+MB:123456789'

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		
		CN = 3PL Reference ID		
		MB Master bill of lading number		
		Suppliers often utilize their Shipper ID, which is also found in the BGM02.		
	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.		
		If CN Qualifier is used in Component Element 1153, suppliers must obtain the 3PL Reference ID from Supplier Shipment Confirmation Portal (SSCP).		
		The Reference ID will be available minimally one hour prior to shipment time. If a 3PL Reference ID is not available from SSCP, the value 'NA' should be sent.		
		The SSCP application can be found on GM SupplyPower.		

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	C	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: ***Suppliers must transmit the same NAD segments, values, and qualifiers as was transmitted in the applicable DELJIT or DELFOR.***

GM utilizes the information in these segments to properly route and deliver the DESADV/ASN to the correct assembly or component facility. If the information does not match what is on the schedule, it will fail to process and will result in a SPPS issued to the supplier as well as payment delays.

Direct Shipment Examples:
NAD+MI+88835::92'
NAD+ST+14001::92'
NAD+SU+887622144::16'

Ship-Direct Examples:
NAD+MI+631059651::16'
NAD+ST+72587::92'
NAD+SU+887622144::16'
NAD+OB+72515:: 92'

Data Element Summary

Data Attributes 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		
			Party that releases the schedules to the supplier.		
		OB	Ordered by		
			Original Buyer - Party that releases the original schedule which resulted in the schedule transmitted to the supplier. Used for Ship Direct shipments only. This must be transmitted back on the DESADV / ASN if received on the DELFOR or DELJIT schedule.		
		ST	Ship to		
			Party that will be receiving the material.		
		SU	Supplier		
			Party that is shipping the material.		
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.			
		The following information must be transmitted according to the qualifier sent in Data Element 3035:			

MI - Supplier must transmit the value that was transmitted on their DELJIT or DELFOR schedule.
ST - Supplier must transmit the value that was transmitted on their DELJIT or DELFOR schedule.
SU - This is the supplier's DUNS number as is transmitted on their DELJIT or DELFOR schedule.
OB - This value represents GM's customer, or Original Buyer. Supplier must transmit the value that was transmitted on their DELJIT or DELFOR schedule. This value will only be known by the supplier as received in the DELFOR and DELJIT schedule.

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

Code identifying the agency responsible for a code list.

Supplier must use the same value that was receiving on their DELJIT schedule.

16	DUNS (Dun & Bradstreet)
92	Assigned by buyer or buyer's agent

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

Notes: ***Example:***
LOC+11+GRX'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
3227		**PLACE/LOCATION QUALIFIER** Code identifying the function of a location. 11 Place/port of discharge	**M**	**an..3**
C517		**LOCATION IDENTIFICATION** Identification of a location by code or name.	**M**	
	3225	**Place/location identification** Identification of the name of place/location, other than 3164 City name. ***Code identifying the receiving dock at the plant. Supplier must use the same value that was received on their DELJIT schedule unless advised otherwise by their GM plant contact. Maximum of eight characters.***	**M**	**an..8**

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: ***Examples:***
TDT+12++M++PSKL::182'
TDT+25++M++A091::92++G:S

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		
		25 Delivery carrier all transport		
C220		**MODE OF TRANSPORT**	**C**	
		Method of transport code or name. Code preferred.		
	8067	**Mode of transport, coded**	**C**	**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		
		CE Customer Pickup - Special use by ODC Carriers		
		E Expedited / Express Truck		
		M Motor (Full Truck)		
		R Rail		
		SS Steamship		
C040		**CARRIER**	**C**	
		Identification of a carrier by code and/or by name. Code preferred.		
	3127	**Carrier identification**	**C**	**an..17**
		Identification of party undertaking or arranging transport of goods between named points.		
		Standard Carrier Alpha Code (SCAC) identifying the carrier picking-up materials at supplier. The four (4) character SCAC code is mandatory.		
	3055	**Code list responsible agency, coded**	**C**	**an..3**
		Code identifying the agency responsible for a code list.		
		92 Assigned by buyer or buyer's agent		
		182 US, Standard Carrier Alpha Code (Motor)		
C401		**EXCESS TRANSPORTATION INFORMATION**	**C**	
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
		This will be utilized as requested by individual GM facilities.		
	8457	**Excess transportation reason, coded**	**M**	**an..3**
		Indication of reason for excess transportation.		
		A Special rail car order, schedule increase forecast change		
		B Engineering change or late release		
		C Specification (schedule) error/overbuilding		
		D Shipment tracing delay		

E	Plant inventory loss	
F	Building ahead of schedule	
G	Vendor behind schedule	
H	Failed to include in last shipment	
I	Carrier loss claim	
J	Transportation failure	
K	Insufficient weight for carload	
L	Reject or discrepancy (material rejected in prior shipment)	
M	Transportation delay	
N	Lack of railcar or railroad equipment	
P	Releasing error	
R	Record error or cate reported discrepancy report	
T	Common or peculiar part schedule increase	
U	Alternative supplier shipping for responsible supplier	
V	Direct schedule or locally controlled	
W	Purchasing waiver approval	
X	Authorization code to be determined	
Y	Pilot material	

8459 Excess transportation responsibility, coded **M an..3**

Indication of responsibility for excess transportation.

A	Customer plant (receiving location)
B	Material release issuer
S	Supplier authority
X	Responsibility to be determined

7130 Customer authorization number **C an..17**

Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.

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	
0320	SEL	Seal Number	C	25	

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+871428881'

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
8053		**EQUIPMENT QUALIFIER** Code identifying type of equipment. CN Container RR Rail car TE Trailer	**M**	**an..3**
C237		**EQUIPMENT IDENTIFICATION** Marks (letters and/or numbers) identifying equipment used for transport such as a container.	**C**	
	8260	**Equipment identification number** Marks (letters and/or numbers) which identify equipment e.g. unit load device. ***Railcar or trailer number. Should NOT include the SCAC code. Maximum length is 12 characters.***	**C**	**an..12**

Segment: **SEL** **Seal Number**
Position: 0320
Group: Segment Group 8 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A segment specifying a seal number connected to a specific equipment named in the EQD.
Notes: ***Example:***
SEL+0479049'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
9308		**SEAL NUMBER** The number of a custom seal or another seal affixed to the containers or other transport unit.	**M**	**an..10**

Group: **CPS** **Segment Group 10: Consignment Packing Sequence**
Position: 0370
Group:
Level: 1
Usage: Mandatory
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.
Notes: ***NOTE: GM Requires each single part number (LIN Segment) to be preceded by a new CPS Segment.***

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.This segment goup 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.
Notes: ***NOTE: GM Requires each single part number (LIN Segment) to be preceded by a new CPS Segment.***

Required Packaging Hierarchy:
Packaging Hierarchy is NOT reported in the DESADV from suppliers to GM Assembly and Component North American plants. GM interprets the CPS_03 (7075) element to indicate expendable or returnable packaging. All suppliers are required to report expendable and returnable packaging in the DESADV.

Suppliers sourced to use returnable packaging for a specific part will always build the CPS with CPS_03 (7075) = '1'
Suppliers sourced to use expendable packaging for a specific part will always build the CPS with CPS_03 (7075) = '4'

Ship Direct Suppliers who use expendables and are required to return the Customer Reference Number must use a '1' in the CPS_03. Ship Direct Suppliers receive releases from GM Component Plants and ship parts to a GM Assembly Plant or outside Customer returning the DESADV to the originating GM Component Plant.

Suppliers required to return pallet master label number in the Segment Group 13 RFF must also use a '1' in the CPS_03.

Suppliers may be required to report inner and outer level packaging per standard EDI practices if required by individual GM facilities.

Example:
CPS+1++1'

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
7164		**HIERARCHICAL ID. NUMBER** A unique number assigned by the sender to identify a level within a hierarchical structure.	**M**	**an..12**
7075		**PACKAGING LEVEL, CODED** Indication of level of packaging specified.	**M**	**an..1**
		1 Inner ***Suppliers sourced to use returnable packaging for a specific part will always use Packaging Level Code 1 in CPS_03:7075.*** ***Ship Direct Suppliers who use expendables and are required to return the Customer Reference Number in the Segment Group 13 RFF must use Packaging Level Code 1 in CPS_03:7075.***		

	Suppliers required to return pallet master/mix load label numbers in the Segment Group 13 RFF must also use Packaging Level Code 1 in CPS_03:7075.
3	Outer
	Note: Only required if requested by a GM Assembly or Component Facility. This includes containers used as transportation and handling units which are not put on a pallet.
4	No packaging hierarchy
	Suppliers sourced to use expendable packaging for a specific part will use Packaging Level Code 4 in CPS_03:7075

Group: **PAC** **Segment Group 11: Package**
Position: 0400
Group: Segment Group 10 (Consignment Packing Sequence) Mandatory
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	
0430	QTY	Quantity	C	10	
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: ***The PAC Segment is MANDATORY if CPS_03:7075 = '1' (Inner) or '3' (Outer).***

GM Plants require Container IDs for all returnable and expendable containers. When an expendable container is used in place of a returnable container, the following expendable codes will be used:

0000PALT for all Pallets
0000CART for all Totes
0000PCTN for all Plastic Knockdowns and Metal Bins
0000COVR for all Expendable Covers

When multiple parts / containers are combined on one pallet, build the DESADV so that the pallet is reported in the first CPS / part loop.

Example:
PAC+50++AHB53836'

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
7224		**NUMBER OF PACKAGES**	**M**	**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.		
C202		**PACKAGE TYPE**	**C**	
		Type of package by name or by code from a specified source.		
	7065	**Type of packages identification**	**C**	**an..17**
		Coded description of the form in which goods are presented.		
		GM uses an 8 character identification for the container, used for the shipment of the part number identified in the following LIN Segment.		
		Suppliers sourced to use returnable packaging will receive the returnable container number at the part level in their DELFOR received from the GM Plant.		
		Ship Direct may use more than 8 characters for Package Type.		

Segment: **QTY** **Quantity**
Position: 0430
Group: Segment Group 11 (Package) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment to specify the quantity per package described in the PAC segment.

Notes: ***Example:***
QTY+52:150:C62'

Data Element Summary

Data Attributes 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.		
		52 Quantity per pack		
	6060	**Quantity**	**M**	**n..15**
		Numeric value of a quantity.		
	6411	**Measure unit qualifier**	**C**	**an..3**
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		

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	
0510	GIR	Related Identification Numbers	C	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: A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.
Notes: ***Example:***
PCI+16'

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
4233		**MARKING INSTRUCTIONS, CODED**	**M**	**an..3**
		Code indicating instructions on how specified packages or physical units should be marked.		
		16 Buyer's instructions		
		Used for Ship Direct when reporting the Customer Reference Number (Original Order Number) in following RFF Segment. Note that CPS_03 must = 1.		
		17 Seller's instructions		
		Used for Warehouse Packaging Information when reporting the Master / Mix Load Label in following RFF Segment. Note the CPS_03 must = 1.		

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: ***NOTE: This segment is for future use.***
Example:
RFF+CR:CARRIER123'
RFF+AAT:M584085973'

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.		
		AAT Master label number		
		Identifies the Master / Mix Load label number of any package type. When reporting the Master / Mixed Label number, the CPS_03 must = '1' and preceding PCI_01 must = '17'.		
		CN Carrier's reference number		
		Reference number assigned by carrier to a consignment.		
		CR Customer reference number		
		Reference number assigned by the customer to a transaction. When reporting the Customer Reference Number, the CPS_03 must = '1' and preceding PCI_01 must = '16'.		
		CW Package number		
		Reference number identifying a package or carton within a consignment.		
		SN Seal number		
		Identification number on customs or other seals affixed to containers or other transport units.		
	1154	**Reference number**	**C**	**an..35**
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		

Segment: **GIR** **Related Identification Numbers**
Position: 0510
Group: Segment Group 13 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment providing set of package identification related numbers, e.g. a package license plate number (LPN) or serial number.

Notes: ***NOTE: This segment is for future use.***

Example:
GIR+3+584085949:ML+287235:AW'

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
7297		**SET IDENTIFICATION QUALIFIER** Identification of the type of set. 3 Package	**M**	**an..3**
C206		**IDENTIFICATION NUMBER** The identification of an object.	**M**	
	7402	**Identity number** The number given to an object for its unique identification.	**M**	**an..35**
	7405	**Identity number qualifier** Code specifying the type/source of identity number. AW Serial shipping container code	**C**	**an..3**
C206		**IDENTIFICATION NUMBER** The identification of an object.	**C**	
	7402	**Identity number** The number given to an object for its unique identification.	**M**	**an..35**
	7405	**Identity number qualifier** Code specifying the type/source of identity number. AL Kanban card number BX Batch number	**C**	**an..3**
C206		**IDENTIFICATION NUMBER** The identification of an object.	**C**	
	7402	**Identity number** The number given to an object for its unique identification.	**M**	**an..35**
	7405	**Identity number qualifier** Code specifying the type/source of identity number. ML Marking/Label number	**C**	**an..3**

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	
0570	PIA	Additional Product Id	M	10	
0600	QTY	Quantity	M	10	
0610	ALI	Additional Information	C	10	
0710		Segment Group 16: Reference	M		99
0880		Segment Group 20: Package Identification	C		9999

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: ***Example:***
LIN+++24298654:IN'

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
C212		**ITEM NUMBER IDENTIFICATION**	**C**	
		Goods identification for a specified source.		
	7140	**Item number**	**C**	**an..35**
		A number allocated to a group or item.		
		GM assigned 8 digit part number. Ship Direct Part Number may have more digits.		
	7143	**Item number type, coded**	**C**	**an..3**
		Identification of the type of item number.		
		IN Buyer's item number		

Segment: **PIA** **Additional Product Id**
Position: 0570
Group: Segment Group 15 (Line Item) Mandatory
Level: 3
Usage: Mandatory
Max Use: 10
Purpose: A segment providing additional product identification.
Notes: ***Suppliers must transmit the same PIA segments, values, and qualifiers as was transmitted in the DELJIT for each LIN loop.***

Direct Shipment Example:
PIA+1+5:RY'

Ship Direct Example:
PIA+1+2025:RY+47112345:UA+174:EC'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
4347		**PRODUCT ID. FUNCTION QUALIFIER**	**M**	**an..3**
		Indication of the function of the product code.		
		1 Additional identification		
C212		**ITEM NUMBER IDENTIFICATION**	**M**	
		Goods identification for a specified source.		
	7140	**Item number**	**C**	**an..35**
		A number allocated to a group or item.		
		Identification of the model year as was received in the DELJIT transaction. Number will either be the last digit of the part's model year OR the full four digits of the part's model year. This should be the same as was transmitted in the DELJIT file for part requirements being shipped. For example, for a 2025 model year part, this will be either a '5' or '2025'.		
	7143	**Item number type, coded**	**C**	**an..3**
		Identification of the type of item number.		
		RY Record keeping of model year		
C212		**ITEM NUMBER IDENTIFICATION**	**C**	
		Goods identification for a specified source.		
	7140	**Item number**	**C**	**an..35**
		A number allocated to a group or item.		
		Identification of Customer's article number. For use in Ship Direct DESADV/ASN only.		
	7143	**Item number type, coded**	**C**	**an..3**
		Identification of the type of item number.		
		UA Ultimate customer's article number		
		Number assigned by ultimate customer to identify relevant article. For use in Ship Direct DESADV/ASN only.		
C212		**ITEM NUMBER IDENTIFICATION**	**C**	
		Goods identification for a specified source.		
	7140	**Item number**	**C**	**an..35**
		A number allocated to a group or item.		
		Identification of Customer's Part; Engineering Change Level.		
	7143	**Item number type, coded**	**C**	**an..3**
		Identification of the type of item number.		
		EC Engineering change level		

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: ***The first two QTY Segments (cumulative quantity and dispatch quantity) are mandatory for every DESADV/ASN.***

Examples:
QTY+3:19650:C62'
QTY+12:1800:C62'

Data Element Summary

Data Attributes 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		
		Used to convey cumulative quantity of the part identified in the preceding LIN; shipped since start of inventory year by this supplier to this plant.		
		12 Despatch quantity		
		Used to convey actual quantity of the part identified in the preceding LIN; shipped since start of inventory year by this supplier to this plant.		
		52 Quantity per pack		
		Used for Warehouse; actual quantity of the part identified in the preceding LIN; shipped since start of inventory year by this supplier to this plant.		
	6060	**Quantity**	**M**	**n..15**
		Numeric value of a quantity.		
	6411	**Measure unit qualifier**	**C**	**an..3**
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.		
		This must be the same Unit of Measure provided on the corresponding shipment authorization document.		

Segment: **ALI** **Additional Information**
Position: 0610
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.
Notes: ***Future Use***

Example:
ALI+DE'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
3239		**COUNTRY OF ORIGIN, CODED** Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade.	**M**	**an..2**

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: ***Suppliers must transmit the same RFF segment, value (purchase order number), and qualifier as transmitted on the accompanying DELFOR message. Note that the purchase order number is NOT transmitted on the DELJIT message.***
Examples:
RFF+ON:2VJN000V'

Data Element Summary

Data Attributes 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)		
		Number of the Purchase Order relevant for the article defined in the preceding LIN segment.		
	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: **PCI** **Segment Group 20: Package Identification**
Position: 0880
Group: Segment Group 15 (Line Item) Mandatory
Level: 3
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.
Notes: ***Segment Group 20 is used for transmitting Primary Metal information only. Refer to Steel example under message examples at the bottom of this guideline for reference.***

Primary Metal suppliers must send Group 20 PCI segment, where PCI_01 & 02 are mandatory and either the QTY (Blanks) or MEA (Coils) segments are mandatory.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0890	PCI	Package Identification	M	1	
0910	MEA	Measurements	M	10	
0920	QTY	Quantity	M	1	
0930		Segment Group 21: Goods Identity Number	C		10

Segment: **PCI** **Package Identification**
Position: 0890 (Trigger Segment)
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying marking and labels used on individual packages or a range of packages.
Notes: ***Used for PRIMARY METALS only.***

Example:
PCI+15+558404' (Serial Number)

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
4233		**MARKING INSTRUCTIONS, CODED** Code indicating instructions on how specified packages or physical units should be marked. 15 Mark supplier number	**M**	**an..3**
C210		**MARKS & LABELS** Shipping marks on packages in free text; one to ten lines.	**C**	
	7102	**Shipping marks** Marks and numbers identifying individual packages. ***Barcoded Serial Number for Primary Metal.***	**M**	**an..35**

Segment: **MEA** **Measurements**
Position: 0910
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 10
Purpose: A segment specifying physical measurements of packages.
Notes: ***Used for PRIMARY METALS only. When sending Coils, the MEA segment is mandatory.***

GM Occurrences: up to 5 per Segment Group 20

Example:
MEA+PD+WT+KGM:2935' (Steel Suppliers)
MEA+PD+WT+LBR:6471' (Aluminum Suppliers)

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
6311		**MEASUREMENT PURPOSE QUALIFIER** Specification of the purpose of the measurement. PD Physical dimensions (product ordered)	**M**	**an..3**
C502		**MEASUREMENT DETAILS** Identification of measurement type.	**C**	
	6313	**Property measured, coded** Specification of the property measured. WT Weight	**M**	**an..3**
C174		**VALUE/RANGE** Measurement value and relevant minimum and maximum tolerances in that order.	**C**	
	6411	**Measure unit qualifier** Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	**M**	**an..3**
	6314	**Measurement value** Value of the measured unit. ***Actual weight in line with qualifier value indicated in Element 6313.***	**M**	**an..18**

Segment: **QTY** **Quantity**
Position: 0920
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify quantity per package.

Notes: ***Used for PRIMARY METALS only. When sending Blanks, the QTY segment is mandatory.***

Example:
QTY+12:250:C62'

Data Element Summary

Data Attributes 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.		
		12 Despatch quantity		
	6060	**Quantity**	**M**	**n..15**
		Numeric value of a quantity.		
		Quantity related to preceding PCI Segment.		
	6411	**Measure unit qualifier**	**C**	**an..3**
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume, or other quantity is expressed.		

Group: **GIN** **Segment Group 21: Goods Identity Number**
Position: 0930
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving package identification numbers and, where relevant, delivery limitation information.
Notes: ***Segment Group 21 is used for transmitting Primary Metal information only.***

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0940	GIN	Goods Identity Number	M	1	

Segment: **GIN** **Goods Identity Number**
Position: 0940 (Trigger Segment)
Group: Segment Group 21 (Goods Identity Number) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment providing identification numbers being applied to the packages despatched.
Notes: ***Used for PRIMARY METALS only.***

Example:
GIN+BX+I21505-1A' (Heat Number)

Data Element Summary

Data Attributes Element	Component Element	Name	Req	Des/Repr
7405		**IDENTITY NUMBER QUALIFIER** Code specifying the type/source of identity number. BX Heat Number	**M**	**an..3**
C208		**IDENTITY NUMBER RANGE** Goods item identification numbers, start and end of consecutively numbered range.	**M**	
	7402	**Identity number** The number given to an object for its unique identification.	**M**	**an..35**

Segment: **UNT** **Message Trailer**
Position: 1040
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.
Notes: ***Example:***
UNT+42+1'

Data Element Summary

Data Element	Component Element	Name	Req	Des/Repr
0074		**NUMBER OF SEGMENTS IN A MESSAGE** Control count of number of segments in a message.	**M**	**n..6**
0062		**MESSAGE REFERENCE NUMBER** Unique message reference assigned by the sender.	**M**	**an..14**

Segment: **UNZ** **Interchange Trailer**
Position: 1050
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To end and check the completeness of an interchange.
Notes: ***Example:***
UNZ+1+00380'

Data Element Summary

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

ADDITIONAL PACKAGING INFORMATION / EXAMPLES:

Packaging Hierarchy may not be required in the DESADV from all suppliers. However, all suppliers should be capable of supporting this request if required by individual GM assembly or component facilities.

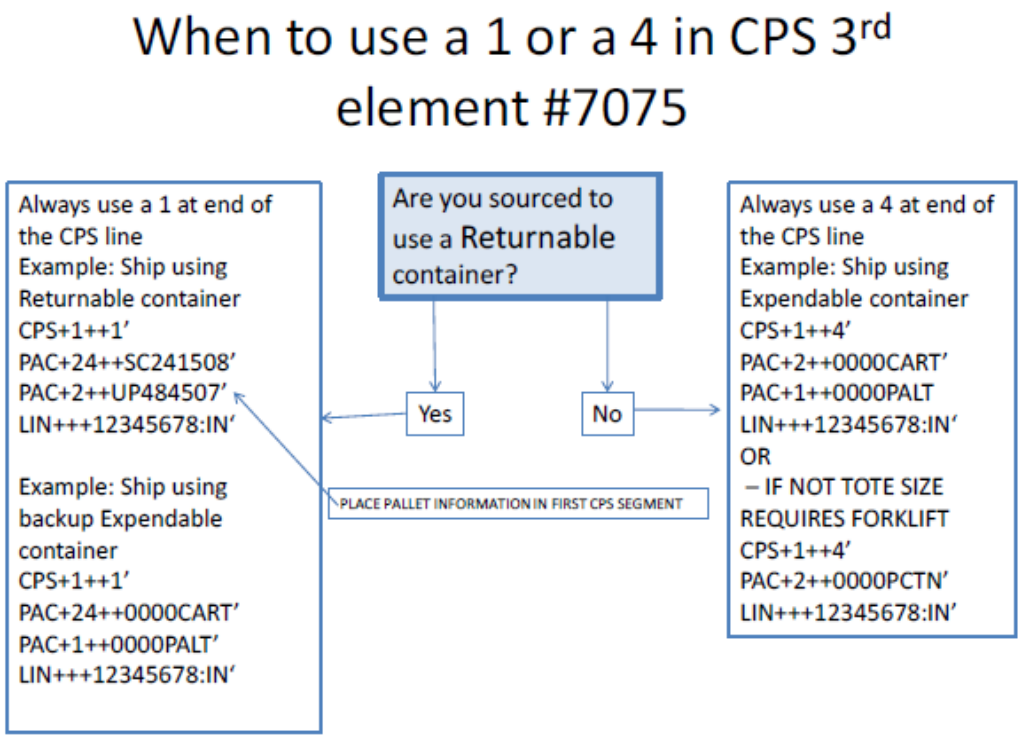
GM interprets the CPS_03 (7075) element to indicate expendable or returnable packaging. All suppliers are required to report expendable and returnable packaging in the DESADV.

Suppliers sourced to use returnable packaging for a specific part will always build the CPS with CPS_03 (7075) = '1'. Suppliers sourced to use expendable packing for a specific part will always build the CPS with CPS_03 (7075) = '4'.

Ship Direct suppliers who use expendables and are required to return the Customer Reference number must use a '1' in the CPS_03.

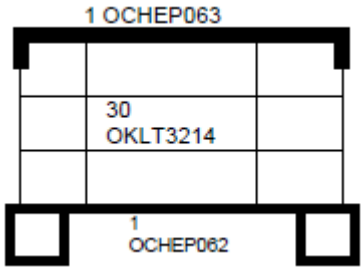
Ship Direct suppliers receive releases from a Component Plant and ship parts to an Assembly Plant or outside customer returning the DESADV to the originating Component Plant.

Suppliers required to return pallet master label numbers in the segment group 13 RFF must also use a '1' in the CPS_03. See notes on the Segment Group 13 PCR & RFF.



The following pages contain examples which are meant to illustrate the above.
NOTE: To make the examples easier to understand, not all DESADV segments are included below. In the actual DESADV message all mandatory segments must be included.

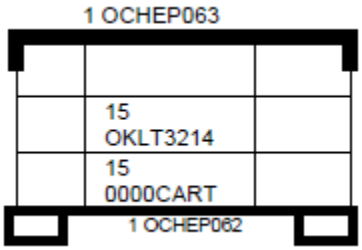
Example 1: Supplier Sourced to use Returnable Containers: One part number on one pallet with one cover.



Situation: 3000 pieces of part number 99999990 are shipped in 30 containers type 0KLT3214. The 30 KLT containers are loaded on one pallet ID# 0CHEP062 and one cover type 0CHEP063 is used to protect the upper layer.

CPS+1++1'	1 CPS segment
PAC+30++0KLT3214'	KLT details
PAC+1++0CHEP062'	Number of pallets and pallet ID #
PAC+1++0CHEP063'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:27000:C62'	Cumulative quantity shipped to date
QTY+12:3000:C62'	Despatched (Shipped) quantity part number 1

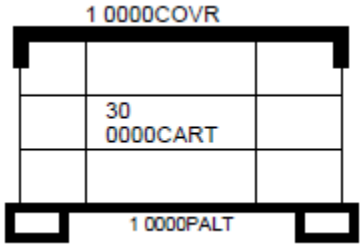
Example 2: Supplier Sourced to use Returnable Containers: One part number mixed returnable / expendables on one pallet with one cover.



Situation: 3000 pieces of part number 99999990 are shipped in 15 containers, ID# 0KLT3214. The supplier does not have enough returnable containers on hand, and uses 15 expendable containers to complete the shipment ID# 0000CART. The 30 containers are loaded on one palled ID# 0CHEP062 and one cover ID# 0CHEP063 is

CPS+1++1'	1 CPS segment
PAC+15++0KLT3214'	KLT details
PAC+15++0000CART'	Expendable details
PAC+1++0CHEP062'	Number of pallets and pallet ID #
PAC+1++0CHEP063'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:27000:C62'	Cumulative quantity shipped to date
QTY+12:3000:C62'	Despatched (Shipped) quantity part number 1

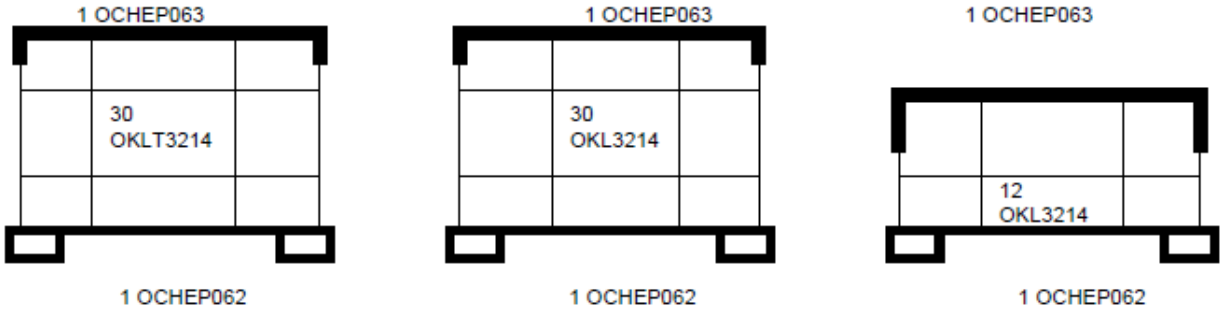
Example 3: Supplier Sourced to use Expendable Containers: One part number on one pallet with one cover.



Situation: 3000 pieces of part number 99999990 are shipped in 30 containers ID# 0000CART. The 30 containers are loaded on one pallet ID# 0000PALT and one cover ID# 0000COVR is used to protect the upper layer.

CPS+1++4'	1CPS segment
PAC+30++0000CART'	KLT details
PAC+1++0000PALT'	Number of pallets and pallet ID #
PAC+1++0000COVR'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:27000:C62'	Cumulative quantity shipped to date
QTY+12:3000:C62'	Despatched (Shipped) quantity part number 1

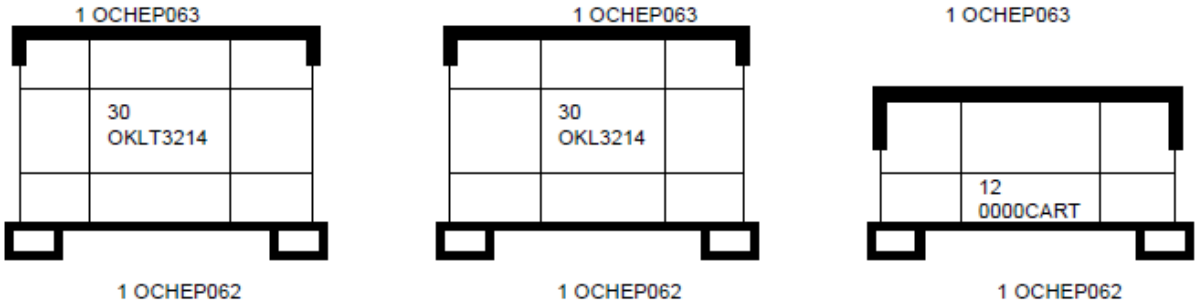
Example 4: Supplier Sourced to use Returnable Containers: One part number on several pallets with several covers.



Situation: 7200 pieces of part number 99999990 are shipped in 72 containers ID# 0KLT3214. The 72 KLTs are loaded on 3 pallets ID# 0CHEP062 and 3 covers ID# 0CHEP063 are used.

CPS+1++1'	CPS segment
PAC+72++0KLT3214'	KLT details
PAC+3++0CHEP062'	Number of pallets and pallet ID #
PAC+3++0CHEP063'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:14400:C62'	Cumulative quantity shipped to date
QTY+12:7200:C62'	Despatched (Shipped) quantity part number 1

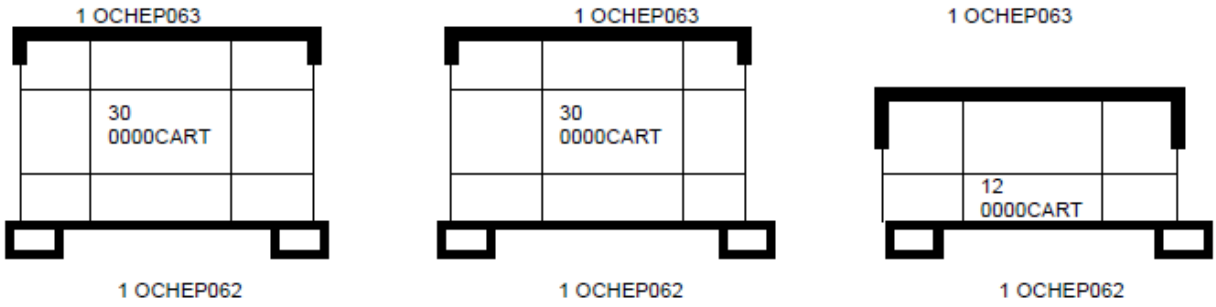
Example 5: Supplier Sourced to use Returnable Containers: One part number Mixed Returnable / Expendable on several pallets with several covers.



Situation: 7200 pieces of part number 99999990 are shipped in 60 containers ID# 0KLT3214 and 12 Expendable containers. The 72 containers are loaded on 3 pallets ID# 0CHEP062 and 3 covers ID# 0CHEP063 are used.

CPS+1++1'	CPS segment
PAC+60++0KLT3214'	KLT details
PAC+12++0000CART'	Expendable details
PAC+3++0CHEP062'	Number of pallets and pallet ID #
PAC+3++0CHEP063'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:14400:C62'	Cumulative quantity shipped to date
QTY+12:7200:C62'	Despatched (Shipped) quantity part number 1

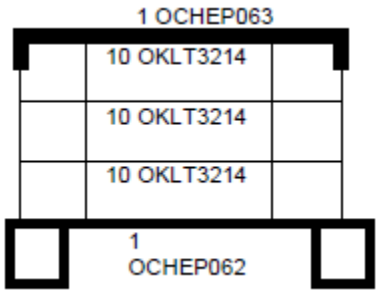
Example 6: Supplier Sourced to use Expendable Containers: One part number on several pallets with several covers.



Situation: 7200 pieces of part number 99999990 are Despatched (Shipped) in 72 containers ID # 0000CART. The 72 EXPENDABLE CARTONSs are loaded on 3 pallets ID # 0000PALT and 3 covers ID # 0000COVR are used.

CPS+1++4'	CPS segment
PAC+72++0000CART'	KLT details
PAC+3++0000PALT'	Number of pallets and pallet ID #
PAC+3++0000COVR'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:14400:C62'	Cumulative quantity shipped to date
QTY+12:7200:C62'	Despatched (Shipped) quantity part number 1

Example 7: Supplier Sourced to use Returnable Containers: Different part numbers in same container type, on one pallet with one cover.



Situation: 1000 pieces of part number 99999990, 2000 pieces of part number 99999991 and 500 pieces of part number 99999992 are shipped. Each part number is loaded in 10 containers ID# 0KLT3214. The 30 KLTs are loaded on 1 pallet type 0CHEP062 and 1 cover type 0CHEP063 is used.

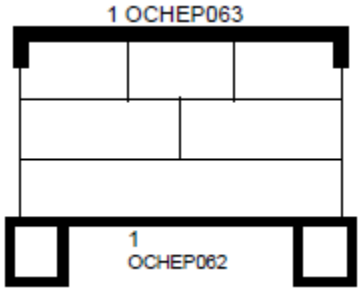
CPS+1++1'	1st CPS segment
PAC+10++0KLT3214'	KLT details
PAC+1++0CHEP062'	Number of pallets and pallet ID #
PAC+1++0CHEP063'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:27000:C62'	Cumulative quantity shipped to date
QTY+12:1000:C62'	Despatched (Shipped) quantity part number 1
CPS+2++1'	2nd CPS segment
PAC+10++0KLT3214'	KLT details
LIN+++99999991:IN'	Part number 2
QTY+3:18000:C62'	Cumulative quantity shipped to date
QTY+12:2000:C62'	Despatched (Shipped) quantity part number 2
CPS+3++1'	3rd CPS segment
PAC+10++0KLT3214'	KLT details
LIN+++99999992:IN'	Part number 3
QTY+3:7500:C62'	Cumulative quantity shipped to date
QTY+12:500:C62'	Despatched (Shipped) quantity part number 3

NOTE: For suppliers sourced for expendable containers; use the same data structure as above replacing CPS_03 (7075) '1' with '4' and container / pallet descriptions as provided in examples 1&2.

Returnable Containers are specific to Part Supplier combination, either the returnable container specifically linked to a single part is used or an expendable container is used as a replacement.

When multiple parts / containers are combined on one pallet build the DESADV so that the pallet is reported in the first CPS / part loop in the DESADV.

Example 8: Supplier Sourced for Returnable Containers on two parts and expendable containers on third part:
Different part numbers in different container type, on one pallet with one cover.



← PN 99999990 - 10 0KLT3214.

← PN 99999993 - 4 0KLT4314.

← PN 99999994 - 2 EXP 0000CART.

Situation: 1000 pieces of part number 99999990 in 10 container ID# 0KLT3214; 1200 pieces of part number 99999993 in 4 container ID# 0KLT4314 and 300 pieces of part number 99999994 in 2 containers. Expendable containers ID# 0000CART. The 16 Containers are loaded on 1 pallet ID# 0CHEP062 and 1 cover ID # 0CHEP063 is used.

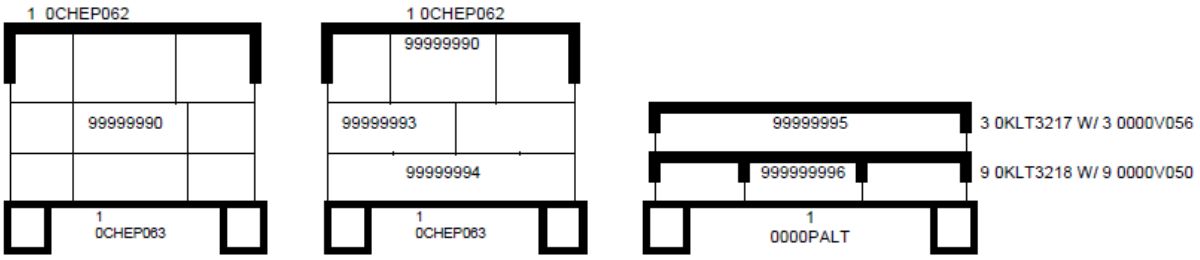
CPS+1++1'	1st CPS segment
PAC+10++0KLT3214'	KLT details
PAC+1++0CHEP062'	Number of pallets and pallet ID #
PAC+1++0CHEP063'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:18000:C62'	Cumulative quantity shipped to date
QTY+12:1000:C62'	Despatched (Shipped) quantity part number 1
CPS+2++1'	2nd CPS segment
PAC+4++0KLT4314'	KLT details
LIN+++99999993:IN'	Part number 2
QTY+3:24000:C62'	Cumulative quantity shipped to date
QTY+12:1200:C62'	Despatched (Shipped) quantity part number 2
CPS+3++4'	3rd CPS segment
PAC+2++0000CART'	Expendable details
LIN+++99999994:IN'	Part number 3
QTY+3:12000:C62'	Cumulative quantity shipped to date
QTY+12:300:C62'	Despatched (Shipped) quantity part number 3

NOTE: For suppliers sourced for expendable containers; use the same data structure as above replacing CPS_03 (7075) '1' with '4' and container / pallet descriptions as provided in examples 1&2.

Returnable Containers are specific to Part Supplier combination, either the returnable container specifically linked to a single part is used or an expendable container is used as a replacement.

When multiple parts / containers are combined on one pallet build the DESADV so that the pallet is reported in the first CPS / part loop in the DESADV.

Example 9: Supplier Sourced for Returnable Containers: Different part numbers in different container types, on different pallets with different covers, all returnable with one expendable pallet.



CPS+1++1'	1st CPS segment
PAC+39++0KLT3214'	KLT details
PAC+1++0CHEP062'	Number of pallets and pallet ID #
PAC+1++0CHEP063'	Number of covers and cover ID #
LIN+++99999990:IN'	Part number 1
QTY+3:54000:C62'	Cumulative quantity shipped to date
QTY+12:3900:C62'	Despatched (Shipped) quantity part number 1
CPS+2++1'	2nd CPS segment
PAC+4++0KLT3215'	KLT details
PAC+1++0CHEP062'	Number of pallets and pallet ID #
PAC+1++0CHEP063'	Number of covers and cover ID #
LIN+++999999993:IN'	Part number 2
QTY+3:7200:C623'	Cumulative quantity shipped to date
QTY+12:1200:C62'	Despatched (Shipped) quantity part number 2
CPS+3++1'	3rd CPS segment
PAC+2++0KLT3216'	KLT details
LIN+++999999994:IN'	Part number 3
QTY+3:900:C62'	Cumulative quantity shipped to date
QTY+12:300:C62'	Despatched (Shipped) quantity part number 3
CPS+4++1'	4th CPS segment
PAC+3++0KLT3217'	KLT details
PAC+1++0000PALT'	Number of pallets and pallet ID #
PAC+3++0000V015'	Number of covers and cover ID #
LIN+++999999995:IN'	Part number 4
QTY+3:600:C62'	Cumulative quantity shipped to date
QTY+12:75:C62'	Despatched (Shipped) quantity part number 4
CPS+5++1'	6th CPS segment
PAC+9++0KLT3218'	KLT details

Situation: the following quantities are shipped:

Pallet 1: (0CHEP062 and 1 cover 0CHEP063) 3000 pieces of part number 99999990 are shipped in 30 containers ID # 0KLT3214.

Pallet 2: (0CHEP062 and 1 cover 0CHEP063) 900 pieces of part number 999999990 in 9 containers ID # KLT3214; 1200 pieces of part number 999999993 in 4 containers ID # 0KLT3215 and 300 pieces of part number 999999994 in 2 containers ID # 0KLT3216.

Pallet 3: (0000PALT 1 expendable, 3 covers 0000V056 and 9 covers 0000V050) 75 pieces of part number 999999995 in 3 containers ID # 0KLT3217 each with one cover 0000V056 and 360 pieces of part number 999999996 in 9 containers 0KLT3218 each with one cover 0000V050.

MESSAGE EXAMPLES – DIRECT SHIPMENT:

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

UNB+UNOA:2+ABC+ZZ+BFT:ZZ+250514:1315+00380+DESADV'	Interchange Header
UNH+1+DESADV:D:97A:UN'	Message Header
BGM+351+123456789+9'	Beginning of Message
DTM+137:202507280000:203'	Document Date / Time
DTM+11:202508031245:203'	Document Date / Time
DTM+132:202508311000:203'	Document Date / Time
MEA+AAX+G+LBR:44'	Gross Weight
MEA+AAX+N+LBR:26'	Net Weight
MEA+AAX+SQ+C62:1'	Number of Lading Units
RFF+CN:901234567’	3PL Reference ID
RFF+MB:123456789'	Bill of Lading Number
NAD+MI+88835::92'	Material Issuer
NAD+ST+14001::92'	Ship To
LOC+11+GRX'	Location
NAD+SU+123456789::16'	Supplier
TDT+12++M++CUOT::182’	Mode of Transport
EQD+TE+871428881'	Equipment Details
SEL+0479049'	Seal Number
CPS+1++1'	Packing Sequence
PAC+50++AHB53836’	Packaging Identification
QTY+52:150:C62’	Quantity Details
PCI+16’	Package Identification
RFF+CR:CARRIER123'	Customer Reference Number
GIR+3+584085949:ML+287235:AW’	Package Label Number **Future Use*
LIN+++24298654:IN'	Part Number 1
PIA+1+5:RY'	Additional Product Information
QTY+3:19650:C62'	Cumulative Quantity
QTY+12:1800:C62'	Actual Quantity
ALI+DE’	Country of Origin
RFF+ON:2VJN000V'	Order Number
CPS+1++1'	Packing Sequence
PAC+50++AHB53836’	Packaging Identification
QTY+52:150:C62’	Quantity Details
PCI+16’	Package Identification
RFF+AAT:M5840855974'	Master Label Number
GIR+3+584085950:ML+287236:AW’	Package Label Number **Future Use*
LIN+++45689242:IN'	Part Number 2
PIA+1+5:RY'	Additional Product Information
QTY+3:5670:C62'	Cumulative Quantity
QTY+12:350:C62'	Actual Quantity
ALI+DE’	Country of Origin
RFF+ON:2VJN000V'	Order Number
UNT+42+1'	Message Trailer
UNZ+1+00380'	Interchange Trailer

MESSAGE EXAMPLE – SHIP DIRECT:

UNB+UNOA:2+ABC+ZZ+BFT:ZZ+250514:1315+00380+DESADV'	Interchange Header
UNH+1+DESADV:D:97A:UN'	Message Header
BGM+351+123456789+9'	Beginning of Message
DTM+137:202507280000:203'	Document Date / Time
DTM+11:202508031245:203'	Document Date / Time
DTM+132:202508311000:203'	Document Date / Time
MEA+AAX+G+KGM:44'	Gross Weight
MEA+AAX+N+KGM:26'	Net Weight
MEA+AAX+SQ+C62:1'	Number of Lading Units
RFF+CN:901234567’	3PL Reference ID
RFF+MB:123456789'	Bill of Lading Number
NAD+MI+631059651::16'	Material Issuer
NAD+ST+72587::92'	Ship To
NAD+SU+887622144::16'	Supplier
NAD+OB+72515::92’	Original Buyer
LOC+11+GRX'	Location
TDT+12++M++PSKL::182'	Mode of Transport
EQD+TE+871428881'	Equipment Details
SEL+0479049'	Seal Number
CPS+1++1'	Packing Sequence
PAC+25++AHB53836’	Packaging Identification
QTY+52:150:C62’	Quantity Details
PCI+17’	Package Identification
RFF+AAT:M5840855973’	Master Label Number
GIR+3+584085949:ML+287235:BX’	Package Label Number **Future Use*
LIN+++24298654:IN'	Part Number 1
PIA+1+2025:RY+47112345:UA+174:EC’	Additional Product Information
QTY+3:19650:C62'	Cumulative Quantity
QTY+12:1800:C62'	Actual Quantity
ALI+DE’	Country of Origin
RFF+ON:2VJN000V'	Order Number
LIN+++45689242:IN'	Part Number 2
PIA+1+2025:RY+47112345:UA+174:EC’	Additional Product Information
QTY+3:5670:C62'	Cumulative Quantity
QTY+12:350:C62'	Actual Quantity
ALI+DE’	Country of Origin
RFF+ON:2VJN000V'	Order Number
CPS+1++1'	Packing Sequence
PAC+25++AHB53836’	Packaging Identification
QTY+52:150:C62’	Quantity Details
PCI+17’	Package Identification
RFF+AAT:M5840855973’	Master Label Number
GIR+3+584085949:ML+287235:BX’	Package Label Number **Future Use*
LIN+++45689242:IN'	Part Number 1
PIA+1+2025:RY+47112345:UA+174:EC’	Additional Product Information
QTY+3:5670:C62'	Cumulative Quantity
QTY+12:350:C62'	Actual Quantity
PCI+15+558404’	Mark Supplier Number
ALI+DE’	Country of Origin
RFF+ON:2VJN000V'	Order Number
UNT+43+1'	Message Trailer
UNZ+1+00380'	Interchange Trailer

MESSAGE EXAMPLE – STEEL:

UNB+UNOA:2+GHD:ZZ+MZ7:ZZ+160728:0151+17560++GMDESADV'	Interchange Header
UNH+29449+DESADV:D:97A:UN'	Message Header
BGM++EK78966+9'	Beginning of Message
DTM+137:20160728015122:203'	Document Date / Time
DTM+11:20160728015100:203'	Document Date / Time
MEA+AAX+SQ+C62:1'	Number of Lading Units
MEA+AAX+G+KGM:3833'	Gross Weight
MEA+AAX+N+KGM:3833'	Net Weight
RFF+MB:EK78966'	Bill of Lading Number
NAD+MI+88120::92'	3PL Reference ID
NAD+SU+99999999::16'	Material Issuer
NAD+ST+18171::92'	Ship To
LOC+11+MBI'	Location
TDT+25++M++DEDI::182'	Mode of Transport
EQD+TE+123'	Equipment Details
CPS+1++4'	Packaging Identification
PAC+1++LIFT'	Quantity Details
PCI+16'	Package Identification
RFF+CN:PR123'	Customer Reference Number
GIR+3+UN123456789A2B4C6001:ML'	Package Label Number **Future Use*
LIN+++B7657PAA:IN'	Part Number 1
PIA+1+6:RY'	Additional Product Information
QTY+12:3833:C62'	Actual Quantity
RFF+ON:14VJ03RH'	Order Number
PCI+15+F2046376'	Packaging Identification – Serial Number
MEA+PD+WT+KGM:3833'	Physical Dimensions
QTY+12:560:C62'	Actual Quantity
GIN+BX+GB9793'	Batch Number
UNT+28+29449'	Message Trailer
UNZ+1+17560'	Interchange Trailer

DATA REFERENCE TABLE – DIRECT SHIPMENT

The guide below is meant to provide GM suppliers with an understanding of where DESADV (ASN) data is typically generated from. Note that suppliers should understand their internal systems and/or services to verify supplier-generated and turn-around data.

Example	Where Found
UNB+UNOA:2+ABC+ZZ+BFT:ZZ+250514:1315+00380+DESADV'	
UNH+1+DESADV:D:97A:UN'	
BGM+351+123456789+9'	Shipment Identification Number (SID) - Also found in the DESADV RFF_02 when RFF_01 = 'MB'
DTM+137:202507280000:203'	
DTM+11:202508031245:203'	
DTM+132:202508311000:203'	
MEA+AAX+G+LBR:44'	
MEA+AAX+N+LBR:26'	
MEA+AAX+SQ+C62:1'	
RFF+CN:901234567’	Supplier Shipment Confirmation Portal (SSCP)
RFF+MB:123456789'	Shipper ID - Also found in the DESADV BGM_02
NAD+MI+88835::92'	DELJIT and/or DELFOR (NAD_02)
NAD+ST+14001::92'	DELJIT and/or DELFOR (NAD_02)
LOC+11+GRX'	DELJIT (LOC_02)
NAD+SU+123456789::16'	DELJIT and/or DELFOR (NAD_02)
TDT+12++M++CUOT::182’	
EQD+TE+871428881'	
SEL+0479049'	
CPS+1++1'	
PAC+50++AHB53836’	DELFOR PAC_03
QTY+52:150:C62’	
PCI+16’	
RFF+CR:CARRIER123'	
GIR+3+584085949:ML+287235:AW’	*For future use*
LIN+++24298654:IN'	
PIA+1+5:RY'	DELJIT (PIA_02)
QTY+3:19650:C62'	
QTY+12:1800:C62'	
ALI+DE’	
RFF+ON:2VJN000V'	
CPS+1++1'	
PAC+50++AHB53836’	
QTY+52:150:C62’	
PCI+16’	
RFF+AAT:M5840855974'	
GIR+3+584085950:ML+287236:AW’	
LIN+++45689242:IN'	
PIA+1+5:RY'	DELJIT (PIA_02)
QTY+3:5670:C62'	
QTY+12:350:C62'	
ALI+DE’	
RFF+ON:2VJN000V'	
UNT+42+1'	
UNZ+1+00380'	

Example	Where Found
UNB+UNOA:2+ABC+ZZ+BFT:ZZ+250514:1315+00380+DESADV'	
UNH+1+DESADV:D:97A:UN'	
BGM+351+123456789+9'	Shipment Identification Number (SID) - Also found in the DESADV RFF_02 when RFF_01 = 'MB'
DTM+137:202507280000:203'	
DTM+11:202508031245:203'	
DTM+132:202508311000:203'	
MEA+AAX+G+KGM:44'	
MEA+AAX+N+KGM:26'	
MEA+AAX+SQ+C62:1'	
RFF+CN:901234567’	Supplier Shipment Confirmation Portal (SSCP)
RFF+MB:123456789'	Shipper ID - Also found in the DESADV BGM_02
NAD+MI+631059651::16'	DELJIT and/or DELFOR (NAD_02)
NAD+ST+72587::92'	DELJIT and/or DELFOR (NAD_02)
NAD+SU+887622144::16'	DELJIT and/or DELFOR (NAD_02)
NAD+OB+72515::92’	DELJIT (NAD_02)
LOC+11+GRX'	DELJIT (LOC_02)
TDT+12++M++PSKL::182'	
EQD+TE+871428881'	
SEL+0479049'	
CPS+1++1'	
PAC+25++AHB53836’	DELFOR PAC_03
QTY+52:150:C62’	
PCI+17’	
RFF+AAT:M5840855973’	
GIR+3+584085949:ML+287235:BX’	
LIN+++24298654:IN'	*For future use*
PIA+1+2025:RY+47112345:UA+174:EC’	DELJIT (PIA_02)
QTY+3:19650:C62'	
QTY+12:1800:C62'	
ALI+DE’	
RFF+ON:2VJN000V'	
LIN+++45689242:IN'	
PIA+1+2025:RY+47112345:UA+174:EC’	DELJIT (PIA_02)
QTY+3:5670:C62'	
QTY+12:350:C62'	
ALI+DE’	
RFF+ON:2VJN000V'	DELFOR (RFF_02)
CPS+1++1'	
PAC+25++AHB53836’	
QTY+52:150:C62’	
PCI+17’	
RFF+AAT:M5840855973’	
GIR+3+584085949:ML+287235:BX’	
LIN+++45689242:IN'	
PIA+1+2025:RY+47112345:UA+174:EC’	DELJIT (PIA_02)
QTY+3:5670:C62'	
QTY+12:350:C62'	
PCI+15+558404’	
ALI+DE’	
RFF+ON:2VJN000V'	
UNT+43+1'	

DESADV GUIDELINE CHANGE LOG:

Date	Document Version	Segments Impacted	Detail of Change
6/29/2023	2.1	RFF NAD, PIA Group 20	Updated RFF_01 CN Qualifier to reference 3PL Reference ID Updated Direct Shipment & Ship Direct examples Added Segment Group 20 for Transmitting Primary Metal Information
10/30/2024	2.2	Segment Group 20	Updated segments and grey notes to reference mandatory items for each segment in group 20.
1/14/2025	2.3	Segment Group 20	Updated segments and grey notes to reference mandatory items for each segment in group 20 (PCI, MEA, & QTY).
1/15/2025	2.4	BGM	Updated the grey notes and max character limit to 9 for the SID.
1/22/2025	2.5	BGM	Updated grey note regarding the SID (BGM02) character limit.
2/7/25	2.6	LOC / ALI	Updated segment from Mandatory to be Conditional (Optional).