

G E N E R A L M O T O R S

**EDIFACT IMPLEMENTATION GUIDELINES
FOR
DELFOR MESSAGE**

DELIVERY INSTRUCTION MESSAGE

D.97A

Version 2.0

**General Motors (MGO) Assembly and Component Plants
Direct Material**

EDIFACT IMPLEMENTATION GUIDELINES

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EDIFACT IMPLEMENTATION GUIDELINES

INTRODUCTION:

This document provides the specific description of a subset of the EDIFACT DELFOR D97.A message used between General Motors Assembly and Component Plants and its Trading Partners. This guideline is specifically designed to outline the requirements for the Delivery Instruction message (DELFOR) used by General Motors Assembly and Component Plants.

DEFINITION AND DESCRIPTION:

This document provides the definition of a Delivery Instruction Message, based on the EDIFACT DELFOR D97.A, to be used in Electronic Data Interchange (EDI) between General Motors Assembly and Component Plants and its Trading Partners.

This documentation is fully comprehensive and allows the implementation of the EDIFACT DELFOR without the necessity for any additional standard related documentation.

FUNCTIONAL DEFINITION:

The Delivery Instruction message is a message from GM to a GM Supplier giving details for both short and long-term material requirements in line with the conditions set out in the purchase contract.

This message may only be used as planning forecast, shipping instruction will be provided in an additional call-off message.

REFERENCES:

This document provides the specific description of the EDIFACT DELFOR message and has been developed based on version D97A of the EDIFACT Standard.

RESPONSIBILITY:

This document was developed and is maintained by the General Motors Global EDI Group. It is distributed internally to all General Motors EDI Coordinators and Partners.

MAINTENANCE:

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 on an annual basis, 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 | | | |
| 3 | Group: | 0 | | | |
| 3 | Level: | 0 | | | |
| 3 | Usage: | Mandatory | | | |
| 3 | 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: | <i>Example:</i> BGM+23+75161576600+9' | | | |
| 6 Data Element Summary | | | | | |
| | Data Element | Component Element | Name | Attributes | 8 |
| M | C002 | | DOCUMENT/MESSAGE NAME | M 1 | |
| | | | Identification of a type of document/message by code or name. Code preferred. | | |
| M | | 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. | | |
| M | C106 | | DOCUMENT/MESSAGE IDENTIFICATION | M 1 | |
| | | | Identification of a document/message by its number and eventually its version or revision. | | |
| | | | External Notes: | | |
| | | | <i>Sender internal message reference number</i> | | |
| >> | | 1004 | Document/message number | O an..35 | 9 |
| M | | | Reference number assigned to the document/message by the issuer. | | |
| | | | External Notes: | | |
| | | | <i>May be the same as UNH.10, or any internal number.</i> | | |
| M | 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 column contain field requirement status, repeat count, data type, and field length
 - 9 Highlighted lines contain remarks specific to General Motors’ use of the Data Element

DELFOR Delivery Schedule Message

Introduction:

WARNING! This version of the DELFOR is not upward compatible with versions prior to D96B.

DELFOR is a message which is sent from a party who is planning the use or consumption of products to a party who has to plan for the supply of the products. The message gives the requirements regarding details for short term delivery and/or medium to long scheduling for products. The scheduling can be used to authorize manufacturing and or the provision of materials. This is based on the terms and conditions defined in a purchase order or contract.

| <u>Page No.</u> | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Group Repeat</u> | <u>Notes and Comments</u> |
|-----------------|-----------------|----------------|--|------------------|----------------|---------------------|---------------------------|
| 7 | 0005 | UNB | Interchange Header | M | 1 | | |
| 8 | 0010 | UNH | Message Header | M | 1 | | |
| 9 | 0020 | BGM | Beginning of Message | M | 1 | | |
| 10 | 0030 | DTM | Date/Time/Period | M | 10 | | |
| 11 | 0040 | FTX | Free Text | C | 5 | | |
| | 0080 | | Segment Group 2: NAD | C | | 99 | |
| 13 | 0090 | NAD | Name and Address | M | 1 | | |
| | 0190 | | Segment Group 6: GIS-SG7-SG12 | C | | 9999 | |
| 15 | 0200 | GIS | General Indicator | M | 1 | | |
| | 0210 | | Segment Group 7: NAD | C | | 1 | |
| 17 | 0220 | NAD | Name and Address | M | 1 | | |
| | 0370 | | Segment Group 12: LIN-PIA-IMD-LOC-FTX-SG13-SG15-SG17-S G20 | C | | 9999 | |
| 19 | 0380 | LIN | Line Item | M | 1 | | |
| 20 | 0390 | PIA | Additional Product Id | C | 10 | | |
| 21 | 0400 | IMD | Item Description | C | 10 | | |
| 22 | 0450 | LOC | Place/Location Identification | C | 999 | | |
| 23 | 0470 | FTX | Free Text | C | 5 | | |
| | 0480 | | Segment Group 13: RFF | C | | 10 | |
| 25 | 0490 | RFF | Reference | M | 1 | | |
| | 0540 | | Segment Group 15: QTY-DTM-QTY-DTM | C | | 10 | |
| 27 | 0550 | QTY | Quantity | M | 1 | | |
| 28 | 0560 | DTM | Date/Time/Period | C | 2 | | |
| 29 | 0550 | QTY | Quantity | C | 1 | | |
| 30 | 0560 | DTM | Date/Time/Period | C | 2 | | |
| | 0600 | | Segment Group 17: SCC-SG18 | C | | 999 | |
| 32 | 0610 | SCC | Scheduling Conditions | M | 1 | | |
| | 0620 | | Segment Group 18: QTY-DTM-SCC-QTY-DTM-SCC-QTY-DTM | C | | 999 | |
| 34 | 0630 | QTY | Quantity | M | 1 | | |
| 35 | 0640 | DTM | Date/Time/Period | C | 2 | | |
| 36 | 0610 | SCC | Scheduling Conditions | C | 1 | | |
| 37 | 0630 | QTY | Quantity | C | 1 | | |
| 38 | 0640 | DTM | Date/Time/Period | C | 2 | | |
| 39 | 0610 | SCC | Scheduling Conditions | C | 1 | | |
| 40 | 0630 | QTY | Quantity | C | 1 | | |
| 41 | 0640 | DTM | Date/Time/Period | C | 2 | | |

| | | | | | |
|----|------|-----|---------------------------|---|----|
| | 0680 | | Segment Group 20: PAC-QTY | C | 99 |
| 43 | 0690 | PAC | Package | M | 1 |
| 44 | 0710 | QTY | Quantity | C | 5 |
| 45 | 1030 | UNT | Message Trailer | M | 1 |
| 46 | 1040 | UNZ | Interchange 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+MZ7:ZZ+RECID:ZZ+240422:0319+2802++GMDELFOR'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|---|---------------------|
| 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 | |
| S002 | 0002 | Syntax version number | M n1 |
| | | Version number of the syntax identified in the syntax identifier (0001). 2 Version 2 | |
| | | INTERCHANGE SENDER | M |
| S003 | | Identification of the sender of the interchange. | |
| | 0004 | Sender identification | M an..35 |
| | | Name or coded representation of the sender of a data interchange. | |
| S004 | 0007 | Partner identification code qualifier | C an..4 |
| | | Qualifier referring to the source of codes for the identifiers of interchanging partners. Refer to D.97A Data Element Dictionary for acceptable code values. | |
| | | INTERCHANGE RECIPIENT | M |
| S004 | | Identification of the recipient of the interchange. | |
| | 0010 | Recipient identification | M an..35 |
| | | Name or coded representation of the recipient of a data interchange. | |
| S004 | 0007 | Partner identification code qualifier | C an..4 |
| | | Qualifier referring to the source of codes for the identifiers of interchanging partners. Refer to D.97A Data Element Dictionary for acceptable code values. | |
| | | DATE AND TIME OF PREPARATION | M |
| S004 | | 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. | |
| S004 | 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. | |

GMDELFOR

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 Delivery schedule message is DELFOR.
 Note: Delivery schedule messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 DELFOR 0052 D 0054 97A 0051 UN
Notes: *Example:*
UNH+2802001+DELFOR:D:97A:UN'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 0062 | | MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. <i>Message Control Number assigned by the sender to the message.</i> | M an..14 |
| S009 | | MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged. | M |
| | 0065 | Message type identifier Code identifying a type of message and assigned by its controlling agency. DELFOR Delivery schedule message | M an..6 |
| | 0052 | Message type version number Version number of a message type. D Draft version/UN/EDIFACT Directory | M an..3 |
| | 0054 | Message type release number Release number within the current message type version number (0052). 97A Release 1997 - A | M an..3 |
| | 0051 | Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4 | M an..2 |

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment for unique identification of the Delivery schedule message by means of its name and its number and its function (original, replacement, change).
Notes: *Example:*
BGM+241::PS+12+5'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|---|---------------------|
| C002 | | DOCUMENT/MESSAGE NAME | C |
| | | Identification of a type of document/message by code or name. Code preferred. | |
| | 1001 | Document/message name, coded | M an..3 |
| | | Document/message identifier expressed in code. 241 Delivery schedule <i>This means that the quantities must be planned for shipment during the week indicated. Actual shipping authorization will be provided by a DELJIT message.</i> | |
| C106 | 1000 | Document/message name | C an..35 |
| | | Plain language identifier specifying the function of a document/message. <i>PS = Planned Shipment Based - no authorization to ship.</i> | |
| 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 |
| 1225 | | Reference number assigned to the document/message by the issuer. <i>Number consists of the calendar week followed by a suffix if the schedule is rerun.</i> <i>Example:</i> <i>12 = Schedule issued week 12.</i> <i>12A = First rerun of same schedule.</i> <i>12B = Second rerun of same schedule, etc.</i> | |
| | | MESSAGE FUNCTION, CODED | M an..3 |
| | | Code indicating the function of the message. | |
| | | 4 Change | |
| | | 5 Replace | |

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 10
Purpose: The DTM segment shall be specified at least once to identify the Delivery schedule message date. This segment can be included to indicate the beginning and the end date of the schedule.
Notes: *There may be up to 3 occurrences of DTM in position 0030: one to specify the message issue date, one to specify the horizon start date and one for the horizon end date.*

Example:

*DTM+137:20240422:102' [Document generation]
DTM+158:20240422:102' [Horizon start]
DTM+159:20250126:102' [Horizon end]*

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| C507 | | DATE/TIME/PERIOD | M |
| | | Date and/or time, or period relevant to the specified date/time/period type. | |
| | 2005 | Date/time/period qualifier | M an..3 |
| | | Code giving specific meaning to a date, time or period. | |
| | | 137 Document/message date/time | |
| | | 158 Horizon start date | |
| | | 159 Horizon end date | |
| | 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. | |
| | | 102 CCYYMMDD | |

Segment: **FTX** Free Text
Position: 0040
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment with free text in coded or clear form to give further clarification when required. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Notes: *Example:*
FTX+AAI+++TEXT:TEXT:TEXT'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 4451 | | TEXT SUBJECT QUALIFIER | M an..3 |
| | | Code specifying subject of a free text. | |
| | AAI | General information | |
| C108 | | TEXT LITERAL | C |
| | | Free text; one to five lines. | |
| | 4440 | Free text | M an..70 |
| | | Free text field available to the message sender for information. | |
| | 4440 | Free text | C an..70 |
| | | Free text field available to the message sender for information. | |
| | 4440 | Free text | C an..70 |
| | | Free text field available to the message sender for information. | |

Group: **NAD** Segment Group 2: Name and Address
Position: 0080
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.

Segment Summary

| Pos. | Seg. | | Req. | Max. | Group: |
|-------------------|------------------|--------------------|--------------------|-------------------|----------------------|
| <u>No.</u> | <u>ID</u> | <u>Name</u> | <u>Des.</u> | <u>Use</u> | <u>Repeat</u> |
| 0090 | NAD | Name and Address | M | 1 | |

Segment: **NAD** Name and Address
Position: 0090 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment for identifying names and addresses and their functions relevant for the whole Delivery schedule. The principal parties for the Delivery schedule message shall be identified. The identification of the recipient of the goods must be given in the NAD segment in the detail section. It is recommended that where possible only the coded form of the party ID should be specified.

Notes: *Example:*

| | |
|---|--------------------------|
| <i>NAD+SU+084559798::16'</i> | <i>[Supplier]</i> |
| <i>NAD+MI+88122::92'</i> | <i>[Material issuer]</i> |
| <i>NAD+SF+123456789::16'</i> | <i>[Ship From]</i> |
| <i>NAD+OB+9999::92++ORIGINATING ENTITY'</i> | <i>[Ordered by]</i> |

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 3035 | | PARTY QUALIFIER | M an..3 |
| | | Code giving specific meaning to a party. | |
| | | MI Planning schedule/material release issuer | |
| | | OB Ordered by | |
| | | SF Ship from | |
| | | 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. | |
| | | <i>Code identifying the supplier.</i> | |
| | 3055 | Code list responsible agency, coded | M an..3 |
| | | Code identifying the agency responsible for a code list. | |
| | | 16 DUNS (Dun & Bradstreet) | |
| | | 92 Assigned by buyer or buyer's agent | |
| C080 | | PARTY NAME | C |
| | | Identification of a transaction party by name, one to five lines. Party name may be formatted. | |
| | 3036 | Party name | M an..35 |
| | | Name of a party involved in a transaction. | |

Group: **GIS** Segment Group 6: General Indicator
Position: 0190
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments providing details on delivery points and products and related information using one of both scheduling methods (as described in 1.3 Principles).

Segment Summary

| Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|-----------------|----------------|-----------------------------------|------------------|-----------------|----------------------|
| 0200 | GIS | General Indicator | M | 1 | |
| 0210 | | Segment Group 7: Name and Address | C | | 1 |
| 0370 | | Segment Group 12: Line Item | C | | 9999 |

Segment: **GIS** General Indicator
Position: 0200 (Trigger Segment)
Group: Segment Group 6 (General Indicator) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate which method is used by the relevant processing indicator code.

Notes: *Example:*
 GIS+37'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| C529 | | PROCESSING INDICATOR | M |
| | | Type of process indication. | |
| | 7365 | Processing indicator, coded | M an..3 |
| | | Identifies the value to be attributed to indicators required by the processing system. | |
| | | 37 Complete information | |

Group: **NAD** Segment Group 7: Name and Address
Position: 0210
Group: Segment Group 6 (General Indicator) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments needed to identify a delivery point and its attached information when the delivery point method is used.

Segment Summary

| Pos. | Seg. | Name | Req. | Max. | Group: |
|-------------------|------------------|--------------------|--------------------|-------------------|----------------------|
| <u>No.</u> | <u>ID</u> | <u>Name</u> | <u>Des.</u> | <u>Use</u> | <u>Repeat</u> |
| 0220 | NAD | Name and Address | M | 1 | |

Segment: **NAD** Name and Address
Position: 0220 (Trigger Segment)
Group: Segment Group 7 (Name and Address) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment for identifying the consignee.
Notes: *Example:*
NAD+ST+18171::92'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|---|---------------------|
| 3035 | | PARTY QUALIFIER Code giving specific meaning to a party. ST Ship to | M an..3 |
| C082 | | PARTY IDENTIFICATION DETAILS Identification of a transaction party by code. | M |
| | 3039 | Party id. identification Code identifying a party involved in a transaction. <i>Code identifying the plant where the material must be delivered.</i> | M an..35 |
| | 3055 | Code list responsible agency, coded Code identifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent | M an..3 |
| C080 | | PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted. | C |
| | 3036 | Party name Name of a party involved in a transaction. <i>Name of the party. Not always transmitted.</i> | M an..35 |

Group: **LIN** Segment Group 12: Line Item
Position: 0370
Group: Segment Group 6 (General Indicator) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments providing details of the individual line items for both methods.

| Segment Summary | | | | | |
|------------------------|------------------|---|--------------------|-------------------|----------------------|
| Pos. | Seg. | | Req. | Max. | Group: |
| <u>No.</u> | <u>ID</u> | <u>Name</u> | <u>Des.</u> | <u>Use</u> | <u>Repeat</u> |
| 0380 | LIN | Line Item | M | 1 | |
| 0390 | PIA | Additional Product Id | C | 10 | |
| 0400 | IMD | Item Description | C | 10 | |
| 0450 | LOC | Place/Location Identification | C | 999 | |
| 0470 | FTX | Free Text | C | 5 | |
| 0480 | | Segment Group 13: Reference | C | | 10 |
| 0540 | | Segment Group 15: Quantity | C | | 10 |
| 0600 | | Segment Group 17: Scheduling Conditions | C | | 999 |
| 0680 | | Segment Group 20: Package | C | | 99 |

Segment: **LIN** Line Item
Position: 0380 (Trigger Segment)
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.
Notes: *Example:*
LIN+++12345678:IN'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|---|---------------------|
| C212 | | ITEM NUMBER IDENTIFICATION Goods identification for a specified source. | M |
| | 7140 | Item number A number allocated to a group or item. <i>GM assigned 8-digit part number.</i> <i>Ship Direct might require more than 8-digit part number.</i> | M an..35 |
| | 7143 | Item number type, coded Identification of the type of item number. IN Buyer's item number | M an..3 |

Segment: **PIA** Additional Product Id
Position: 0390
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment providing additional product identification.
Notes: *Example:*
PIA+I+7:RY+12345678:UA+1234:MP'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 4347 | | PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 1 Additional identification | M an..3 |
| C212 | | ITEM NUMBER IDENTIFICATION Goods identification for a specified source. | M |
| | 7140 | Item number A number allocated to a group or item. <i>Identification of the model year: e.g. 4 = 2024; 5 = 2025, etc.</i> | C an..35 |
| | 7143 | Item number type, coded Identification of the type of item number. RY Record keeping of model year | C an..3 |
| C212 | | ITEM NUMBER IDENTIFICATION Goods identification for a specified source. | C |
| | 7140 | Item number A number allocated to a group or item. <i>If used entry is customer part number (Ship Direct Only)</i> | C an..35 |
| | 7143 | Item number type, coded Identification of the type of item number. UA Ultimate customer's article number | C an..3 |
| C212 | | ITEM NUMBER IDENTIFICATION Goods identification for a specified source. | C |
| | 7140 | Item number A number allocated to a group or item. | C an..35 |
| | 7143 | Item number type, coded Identification of the type of item number. MP Product/service identification number | C an..3 |

Segment: **IMD** Item Description
Position: 0400
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment for describing the product or the service to be delivered. This segment should be used for products that cannot be identified by a product code or article number.
Notes: *Example:*
IMD+++P::DESCRIPTION'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req</u> | <u>Des/Repr</u> |
|---------------------|--------------------------|--|------------|-----------------|
| C273 | | ITEM DESCRIPTION | | C |
| | | Description of an item. | | |
| | 7009 | Item description identification | C | an..17 |
| | | Code from an industry code list which provides specific data about a product characteristic. | | |
| | | <i>Part release status code: "P" = Pilot</i> | | |
| | 7008 | Item description | C | an..35 |
| | | Plain language description of articles or products. | | |
| | | <i>Clear text description of the part defined in the preceding LIN.</i> | | |

Segment: **LOC** Place/Location Identification
Position: 0450
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose: A segment identifying a specific location to which products, as specified in the LIN-Segment group, should be placed after delivery. This function should only be used with the delivery point driven method.

Notes: *Example:*
 LOC+11+A1A2A' [Receiving dock]
 LOC+159+A1A2A3A4' [Material handling code]

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 3227 | | PLACE/LOCATION QUALIFIER | M an..3 |
| | | Code identifying the function of a location. | |
| | 11 | Place/port of discharge | |
| | 159 | Additional internal destination | |
| C517 | | LOCATION IDENTIFICATION | C |
| | | Identification of a location by code or name. | |
| | 3225 | Place/location identification | C an..25 |
| | | Identification of the name of place/location, other than 3164 City name. | |
| | | <i>11 = Code identifying the receiving dock at the plant.</i> | |
| | | <i>159 = Code identifying either the assembly line feed location at the plant or the material handling code.</i> | |

Segment: **FTX** Free Text
Position: 0470
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment with free text in coded or clear form to give further clarification, when required, to the line item to be delivered. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Notes: *Example:*
FTX+AAI+++TEXT'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 4451 | | TEXT SUBJECT QUALIFIER | M an..3 |
| | | Code specifying subject of a free text. | |
| | AAI | General information | |
| C108 | | TEXT LITERAL | C |
| | | Free text; one to five lines. | |
| | 4440 | Free text | M an..70 |
| | | Free text field available to the message sender for information. | |

Group: **RFF** Segment Group 13: Reference
Position: 0480
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references related to the line item and where necessary, their dates.

Segment Summary

| Pos. | Seg. | | Req. | Max. | Group: |
|-------------------|------------------|--------------------|--------------------|-------------------|----------------------|
| <u>No.</u> | <u>ID</u> | <u>Name</u> | <u>Des.</u> | <u>Use</u> | <u>Repeat</u> |
| 0490 | RFF | Reference | M | 1 | |

Segment: **RFF** Reference
Position: 0490 (Trigger Segment)
Group: Segment Group 13 (Reference) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment for identifying references to the line item, e.g. a contract and its appropriate line item, original message number, previous message number if different per line item.
Notes: *Example:*
RFF+ON:A1A2A3A4A'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|---|---------------------|
| 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) | |
| | 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. | |
| | | <i>Number of the Purchase Order relevant for the article defined in the preceding LIN.</i> | |

Group: **QTY** Segment Group 15: Quantity
Position: 0540
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying product quantities and associated dates not related to schedules and where relevant, references.

Segment Summary

| Pos. | Seg. | | Req. | Max. | Group: |
|-------------------|------------------|--------------------|--------------------|-------------------|----------------------|
| <u>No.</u> | <u>ID</u> | <u>Name</u> | <u>Des.</u> | <u>Use</u> | <u>Repeat</u> |
| 0550 | QTY | Quantity | M | 1 | |
| 0560 | DTM | Date/Time/Period | C | 2 | |
| 0550 | QTY | Quantity | C | 1 | |
| 0560 | DTM | Date/Time/Period | C | 2 | |

Segment: **QTY** Quantity
Position: 0550 (Trigger Segment)
Group: Segment Group 15 (Quantity) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.
Notes: *Example:*
QTY+79:99999:C62'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--|---|---------------------|
| 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. | |
| | | 79 Previous cumulative quantity | |
| | | <i>Cumulative quantity scheduled since start of inventory year.</i> | |
| | 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. | | |

Segment: **DTM** Date/Time/Period
Position: 0560
Group: Segment Group 15 (Quantity) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment indicating the date/time/period details relating to the quantity.

Notes: *Example:*
 DTM+51:20231224:102' [Start date]
 DTM+52:20240421:102' [End date]

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req</u> | <u>Des/Repr</u> |
|---------------------|--------------------------|--|------------|-----------------|
| 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. | | |
| | | 51 Cumulative quantity start date | | |
| | | 52 Cumulative quantity end date | | |
| | 2380 | Date/time/period | | C an..35 |
| | | The value of a date, a date and time, a time or of a period in a specified representation. | | |
| | 2379 | Date/time/period format qualifier | | C an..3 |
| | | Specification of the representation of a date, a date and time or of a period. | | |
| | 102 CCYYMMDD | | | |

Segment: **QTY** Quantity
Position: 0550
Group: Segment Group 15 (Quantity) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.
Notes: *Example:*
QTY+3:99999:C62

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|---|---|---------------------|
| 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 | |
| | | <i>Actual cumulative quantity shipped</i> | |
| | 6060 | Quantity | M n..15 |
| | Numeric value of a quantity. | | |
| | <i>Cumulative quantity of the part identified in the preceding LIN, shipped since start of inventory year by this supplier to this plant.</i> | | |
| 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. | | |

Segment: **DTM** Date/Time/Period
Position: 0560
Group: Segment Group 15 (Quantity) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment indicating the date/time/period details relating to the quantity.

Notes:

Example:

DTM+51:20231224:102' [Start date]

DTM+11:20240421:102' [Last recorded shipment date]

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--|---|---------------------|
| 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 | |
| | | <i>Date of the last ASN received for this part. In case there is no ASN the Receiving System's date will be inserted.</i> | |
| | | 51 Cumulative quantity start date | |
| | 2380 | Date/time/period | C an..35 |
| | | The value of a date, a date and time, a time or of a period in a specified representation. | |
| | 2379 | Date/time/period format qualifier | C an..3 |
| | Specification of the representation of a date, a date and time or of a period. | | |
| | 102 CCYYMMDD | | |

Group: **SCC** Segment Group 17: Scheduling Conditions
Position: 0600
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments specifying the schedule information for the product identified in the LIN segment. With the delivery point driven method this segment group provides the schedule for the identified delivery point and product. With the product driven method this segment group can be used to summarize all schedules provided with the subsequent delivery point information given in segment group 22.

Segment Summary

| Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|-----------------|----------------|----------------------------|------------------|-----------------|----------------------|
| 0610 | SCC | Scheduling Conditions | M | 1 | |
| 0620 | | Segment Group 18: Quantity | C | | 999 |

Segment: **SCC** Scheduling Conditions
Position: 0610 (Trigger Segment)
Group: Segment Group 17 (Scheduling Conditions) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.

Notes: *GM Can transmit up to 40 individual weekly quantities. It is also possible for GM to send up to 20 weekly quantities plus 5 flexible four-weekly quantities for a total of 40 weeks.*

Example:

SCC+1++W:10' [Weekly quantities]

SCC+4++F :14' [Four-weekly quantities]

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 4017 | | DELIVERY PLAN STATUS INDICATOR, CODED | M an..3 |
| | | Code indicating the level of commitment of schedule information. | |
| | | 1 Firm | |
| | | 4 Planning/forecast | |
| C329 | | PATTERN DESCRIPTION | C |
| | | Shipment, delivery or production interval pattern and timing. | |
| | 2013 | Frequency, coded | C an..3 |
| | | Code specifying interval grouping of the delivery, production, etc. of the schedule. | |
| | | <i>Definition of the time unit for the quantity defined in the preceding QTY.</i> | |
| | | F Flexible interval (from date X through date Y) | |
| | | W Weekly | |
| | 2015 | Despatch pattern, coded | C an..3 |
| | | Code specifying the days/periods for routine shipments or deliveries. | |
| | | <i>Code specifying the days/periods for routine shipments or deliveries.</i> | |
| | | 21 As directed | |

Group: **QTY** Segment Group 18: Quantity
Position: 0620
Group: Segment Group 17 (Scheduling Conditions) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments specifying product quantities and associated dates.

Segment Summary

| <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max. Use</u> | <u>Group: Repeat</u> |
|-----------------|----------------|-----------------------|------------------|-----------------|----------------------|
| 0630 | QTY | Quantity | M | 1 | |
| 0640 | DTM | Date/Time/Period | C | 2 | |
| 0610 | SCC | Scheduling Conditions | C | 1 | |
| 0630 | QTY | Quantity | C | 1 | |
| 0640 | DTM | Date/Time/Period | C | 2 | |
| 0610 | SCC | Scheduling Conditions | C | 1 | |
| 0630 | QTY | Quantity | C | 1 | |
| 0640 | DTM | Date/Time/Period | C | 2 | |

Segment: **QTY** Quantity
Position: 0630 (Trigger Segment)
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.
Notes: *Example:*
QTY+1:9999:C62'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| C186 | | QUANTITY DETAILS | M |
| | | Quantity information in a transaction, qualified when relevant. | |
| | 6063 | Quantity qualifier | M an..3 |
| | | Code giving specific meaning to a quantity. | |
| | | 1 Discrete quantity | |
| | 6060 | Quantity | M n..15 |
| | | Numeric value of a quantity. | |
| | | <i>Forecasted quantity for the time period defined by the preceding SCC.</i> | |
| | 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. | |

Segment: **DTM** Date/Time/Period
Position: 0640
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 5
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment indicating date/time/period details relating to the given quantity.

Notes: *Example:*
DTM+2:2024029:102' [Delivery date/time requested / Ship date]
DTM+158:20240506:102' [Horizon start date]
DTM+159:20240519:102' [Only with four-weekly quantities / Horizon end date]

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--|---|---------------------|
| C507 | | DATE/TIME/PERIOD | M |
| | | Date and/or time, or period relevant to the specified date/time/period type. | |
| | 2005 | Date/time/period qualifier | M an..3 |
| | | Code giving specific meaning to a date, time or period. | |
| | | 2 Delivery date/time, requested | |
| | | <i>For MGO this means Shipped Date.</i> | |
| | | 158 Horizon start date | |
| | | <i>Monday of the week/period associated with the quantity defined in the preceding QTY.</i> | |
| | | 159 Horizon end date | |
| | | <i>Sunday of the last week.</i> | |
| | 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. | | |
| | 102 CCYYMMDD | | |

Segment: **SCC** Scheduling Conditions
Position: 0610
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 5
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.

Notes: *CUMULATIVE FABRICATION AUTHORIZATION*

Example:
 SCC+2

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 4017 | | DELIVERY PLAN STATUS INDICATOR, CODED | M an..3 |
| | | Code indicating the level of commitment of schedule information. | |
| | 2 | Commitment for manufacturing and material | |

Segment: **QTY** Quantity
Position: 0630
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 5
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.
Notes: *CUMULATIVE FABRICATION AUTHORIZATION*

Example:
QTY+3:91795:KGM'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 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 | |
| | 6060 | Quantity | M n..15 |
| | | Numeric value of a quantity. | |
| | | <i>Cumulative fabrication authorization quantity for the period defined in the following DTM's.</i> | |
| | 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. | |

Segment: **DTM** Date/Time/Period
Position: 0640
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 5
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment indicating date/time/period details relating to the given quantity.

Notes: *Example:*
 DTM+51:20231224:102' [Start date]
 DTM+52:20240609:102' [End date]

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 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. | |
| | | 51 Cumulative quantity start date | |
| | | 52 Cumulative quantity end date | |
| | 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. | |
| | 102 CCYYMMDD | | |

Segment: **SCC** Scheduling Conditions
Position: 0610
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 5
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.

Notes: **CUMULATIVE MATERIAL AUTHORIZATION**

Example:
SCC+3'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|-------------------------|
| 4017 | | DELIVERY PLAN STATUS INDICATOR, CODED | M an..3 |
| | | Code indicating the level of commitment of schedule information. | |
| | | 3 | Commitment for material |

Segment: **QTY** Quantity
Position: 0630
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 5
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.
Notes: **CUMULATIVE MATERIAL AUTHORIZATION**

Example:
QTY+3:168931:KGM'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 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 | |
| | 6060 | Quantity | M n..15 |
| | | Numeric value of a quantity. | |
| | | <i>Cumulative material authorization quantity for the period defined in the following DTM's.</i> | |
| | 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. | |

Segment: **DTM** Date/Time/Period
Position: 0640
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 5
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment indicating date/time/period details relating to the given quantity.

Notes: *Example:*
 DTM+51:20231224:102' [Start date]
 DTM+52:20240818:102' [End date]

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 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. | |
| | | 51 Cumulative quantity start date | |
| | | 52 Cumulative quantity end date | |
| | 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. | |
| | 102 CCYYMMDD | | |

Group: **PAC** Segment Group 20: Package
Position: 0680
Group: Segment Group 12 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item to be delivered.

Segment Summary

| Pos. | Seg. | | Req. | Max. | Group: |
|-------------------|------------------|--------------------|--------------------|-------------------|----------------------|
| <u>No.</u> | <u>ID</u> | <u>Name</u> | <u>Des.</u> | <u>Use</u> | <u>Repeat</u> |
| 0690 | PAC | Package | M | 1 | |
| 0710 | QTY | Quantity | C | 5 | |

Segment: **PAC** Package
Position: 0690 (Trigger Segment)
Group: Segment Group 20 (Package) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the number of package units and the type of packaging for the line item, e.g. pallet.
Notes: *All GM Suppliers will receive the returnable container information in the Package Type field. If received, this container code must be returned in the DESADV or if expendable used as replacement, the expendable must be reported in the DESADV.*

See the GM MGO DESADV guideline for further information on correctly formatting container information.

Example:
PAC+++0000CART'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 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. | |
| | | <i>GM Container part numbers – returnable as well as expendable – will always have the length of 8 characters coded identification of the type of package to be used for the product defined in the preceding LIN.</i> | |

Segment: **QTY** Quantity
Position: 0710
Group: Segment Group 20 (Package) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to specify pertinent quantities relating to the physical units (packages) described in the PAC segment.

Notes: *All GM Suppliers will receive the returnable container quantity per pack in the quantity field qualified with a "52". If received this quantity must be used in calculating the package quantity to be returned in the DESADV. If an expendable container is used as a replacement the expendable must be reported in the DESADV.*

See the GM MGO DESADV guideline for further information on correctly formatting container information.

Example:
QTY+52:36:EA'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 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. | |

Segment: **UNT** Message Trailer
Position: 1030
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+143+2802001'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|--|---------------------|
| 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: 1040
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange.
Notes: UNZ+I+2802'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Req Des/Repr</u> |
|---------------------|--------------------------|---|---------------------|
| 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. | |

DELFOR MESSAGE EXAMPLE:

The following example is to illustrate only and does not necessarily reflect an existing solution. It may never be used as a basis for programming or implementing this message.

DELFOR Sample:

| | |
|--|---|
| UNB+UNOA:2+MZ7:ZZ+RECID:ZZ+240422:0319+2802++GMDELFOR' | Interchange Header |
| UNH+2802001+DELFOR:D:97A:UN' | Message Header |
| BGM+241:::PS+12+5' | Beginning of Message |
| DTM+137:20240422:102' | Document Date/Time |
| DTM+158:20240422:102' | Horizon Start /Time |
| DTM+159:20250126:102' | Horizon End /Time |
| FTX+AAI+++TEXT:TEXT:TEXT' | Free Text Details |
| NAD+SU+084559798::16' | Supplier |
| NAD+MI+88122::92' | Material issuer |
| NAD+SF+123456789::16' | Ship From |
| GIS+37' | General Indicator |
| NAD+ST+18171::92' | Ship To |
| LIN+++12345678:IN' | Part Number |
| PIA+1+7:RY+12345678:UA+1234:MP' | Additional Product Information |
| IMD+++P:::DESCRIPTION' | Item Description |
| LOC+11 +A1A2A' | Receiving Dock |
| LOC+159+A1A2A3A4' | Material Handling Code |
| FTX+AAI+++TEXT' | Free Text Details |
| RFF+ON:A1A2A3A4A' | Purchase Order Number |
| QTY+79:99999:C62' | Cum QTY scheduled since start of inventory year |
| DTM+51:20231224:102' | Start date |
| DTM+52:20240421:102' | End date |
| QTY+3:99999:C62' | Actual cumulative quantity shipped |
| DTM+51:20231224:102' | Start date of cumulative quantity calculation |
| DTM+11:20240421:102' | Last ASN Date sent by the supplier |
| SCC+1++W:10' | Quantity to be delivered (weekly quantity) |
| QTY+1:9999:C62' | Week 1 forecasted quantity |
| DTM+2:2024029:102' | Delivery Date/Time, Requested / Ship Date |
| SCC+2' | Cumulative Fabrication Authorization |
| QTY+3:91795:KGM' | Cumulative fabrication authorization quantity |
| DTM+51:20231224:102' | Cumulative quantity start date |
| DTM+52:20240609:102' | Last date of the authorization |
| SCC+3' | Material authorization |
| QTY+3:168931:KGM' | Cumulative material authorization quantity |
| DTM+51:20231224:102' | Cumulative quantity start date |
| DTM+52:20240609:102' | Last date of the authorization |
| PAC+++0000CART' | Package Information |
| QTY+52:36:EA' | Quantity per pack |
| UNT+2802001+1' | Segment Count |
| UNZ+1+2802' | Message Count |

DELFOR GUIDELINE CHANGE LOG:

| Date | Document Version | Segments Impacted | Detail of Change |
|---------|------------------|-------------------|-----------------------|
| 6/27/24 | 2.0 | | Version 2.0 published |
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