



DELFOR Delivery schedule message

EDIFACT/D04A/DELFOR : DELFOR Delivery schedule message

Version: 1.7 Final

Company:	DiCentral
Publication:	5/9/2021

Notes

The Lucid Motors Delivery Schedule Message (EDI FACT DELFOR) is used to transmit a weekly planned release of specific parts and quantities.

More detailed and time-sensitive information is transmitted in the Delivery Just In Time Message (DELJIT) on a daily basis.

The Delivery Schedule Message, in conjunction with Delivery Just In Time Message, is the normal method of placing OEM orders.

Please note that

- Only the elements and sub-elements that are used in the transaction are present in the guide to improve readability.
- Segments, elements and sub-elements are described as "Used" and "Must use". When they are marked as "Used", they are optional fields; when they are marked as "Must use", they are mandatory fields.

FREQUENCY: Weekly on Sunday or early Monday morning

- 'Change' (BGM03=4) DELFOR may also be sent throughout the week to update only the related demand changes

PERIOD COVERED: Up to 12-month forecast composed of weekly and monthly quantities.

- These quantities are not fixed.
- The Forecast starts from the end of the DELJIT and will contain up to 52 weeks.

TRANSMITTED FROM: Lucid Motors

TRANSMITTED TO: Suppliers; 3PL Warehouses

NOT INCLUDED IN DELFOR:

- Release Numbers
- Delivery or Shipping times

INCLUDED IN DELFOR:

- Authorization for Raw material and Fabrication release
- Current Cumulative qty
- Receiving Plant (Ship To)

BUSINESS RULES - DELFOR:

- One DELFOR per Trading Partner Scheduling Agreement, Ship From and Ship To locations
- Each 'Replace' (BGM03=5) DELFOR updates each previously received DELFOR for a Scheduling Agreement, Ship From, Ship To, including cancelling/deleting active (not shipped) requests that are no longer on the current DELFOR.
 - Example: Received DELFOR for Scheduling Agreement, Ship From and Ship To will replace, in its entirety, the last received DELFOR for the same Scheduling Agreement, Ship From and Ship To.
- All messages to be responded by CONTRL response message

GLOSSARY OF TERMS

- Product >> Name of part/product being sold by supplier and bought by customer
- Product Serial >> Unique identifier for each physical piece
 - Etched / stamped / embedded / bolted etc. on product
 - Follows that product for its life
 - Retired after product is retired / destroyed
- Returnable Container >> Parallels a product name, in that it is a name that can be applied to containers of which all have the same size, structure, weight, material construct, etc.
- Returnable Container Serial >> Unique identifier for each physical container
 - Etched / stamped / embedded / etc. on container i.e., like RFID

- Follows that container for its life
- Retired after container is retired / destroyed
- Shipping Serial >> Unique identifier printed on a label that can be removed from container
 - Also known as License Plate, License Plate Serial, Container Serial, Mix / Master / Pack Serial, Barcoded Label Serial, Label Serial.
- Release number >> Unique identifier for a specific release of material.
 - Also known as Release Authorization Number
 - The Release number will be provided in two formats
 - For Standard and Framework orders the Format will be: Purchase order number + Order Line Item number + 0001 Final length = 19 digits
 - Schedule agreement release number format will be: Purchase order number+ Order Line Item number + Schedule line number. Final length = 19 digits (*THIS IS NOT PROVIDED IN THE ORDERS. IT IS PROVIDED IN THE DELJIT AS A SINGLE 19 DIGIT NUMBER*)

NOTATION:

M=Mandatory
 O=Optional
 X=Conditional
 AN=Alphanumeric
 Nx=Numeric with x decimal places

CHANGE LOG =====

- | | |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| DELFOR VERSION 1.0 | 2020.08.27 |
| | • Initial version |
| DELFOR VERSION 1.1 | 2020.08.29 |
| | • Lucid Internal review |
| DELFOR VERSION 1.2 | 2020.09.02 |
| | • First Supplier release. |
| DELFOR VERSION 1.3 | 2020.09.15 |
| | • Updated Supplier release. |
| DELFOR VERSION 1.4 | 2020.10.06 |
| | • SG23.NAD mandatory for Ship-to and optional for Ultimate Destination |
| | • Added SG28.SCC,QTY |
| DELFOR VERSION 1.5 | 2020.10.29 |
| | • SG2.NAD (header) mandatory for identified entities as all DELFOR transactions will encompass a single ship-from and a single ship-to. |
| | • Removed SG28. |
| DELFOR VERSION 1.6 | 2021.03.15 |
| | • Added User Notes for BGM (0020) |
| | • Added User Notes for DTM (0030) |
| | • Removed NAD+IM, MI, NI, SU, UD, WH (0090) in SG2 |
| | • Added NAD+II (0090) in SG2 |
| | • Removed PIA+PO, SA, EC (0390) in SG12 |
| | • Added PIA+ZZZ (0390) in SG12 |
| | • Removed SCC+Y (0650) in SG18 |
| | • Added User Notes for QTY (0670) in SG19 |
| | • Added User Notes for DTM (0680) in SG19 |
| | • Added DTM0103 formats |
| | ○ 203 (CCYYMMDDHHMM) |
| | ○ 303 (CCYYMMDDHHMMZZZ) |
| | • Updated User Notes for NAD01 (0090) |
| | • Added CTA01 (0140) qualifier PD |
| DELFOR VERSION 1.7 | 2021.05.09 |
| | • Updated Business Rules |
| | • Updated User Notes for NAD01 (0090) |
| | • Updated PIA+PL (0390) description |

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DELFOR

Delivery schedule message

Message Status=9

Definition: WARNING! This version of the DELFOR is not upward compatible with versions prior to D02A. 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. The message may also be sent in response by a party which has received a DELFOR message to indicate to the party which has issued the message, the acceptance of, rejection of, or to propose amendments to the previous message.

Not Defined:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0010	UNH	MESSAGE HEADER	M	1	N0/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N0/0020	Must use
0030	DTM	DATE/TIME/PERIOD	M	10	N0/0030	Must use
0080		Segment Group 2	C	99	N0/0080	Used
0090	NAD	NAME AND ADDRESS	M	1	N0/0090	Must use
0130		Segment Group 4	C	5	N0/0130	Used
0140	CTA	CONTACT INFORMATION	M	1	N0/0140	Must use
0150	COM	COMMUNICATION CONTACT	C	5	N0/0150	Used
0190		Segment Group 6	C	9999	N0/0190	Used
0200	GEI	PROCESSING INFORMATION	M	1	N0/0200	Must use
0370		Segment Group 12	C	9999	N0/0370	Used
0380	LIN	LINE ITEM	M	1	N0/0380	Must use
0390	PIA	ADDITIONAL PRODUCT ID	C	10	N0/0390	Used
0400	IMD	ITEM DESCRIPTION	C	10	N0/0400	Used
0580		Segment Group 16	C	99	N0/0580	Used
0590	QTY	QUANTITY	M	1	N0/0590	Must use
0600	DTM	DATE/TIME/PERIOD	C	2	N0/0600	Used
0640		Segment Group 18	C	999	N0/0640	Used
0650	SCC	SCHEDULING CONDITIONS	M	1	N0/0650	Must use
0660		Segment Group 19	C	999	N0/0660	Used
0670	QTY	QUANTITY	M	1	N0/0670	Must use
0680	DTM	DATE/TIME/PERIOD	C	9	N0/0680	Used
1110	UNT	MESSAGE TRAILER	M	1	N0/1110	Must use

Clarification:

- 0/0010 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 04A 0051 UN
- 0/0020 A segment for unique identification of the Delivery schedule message by means of its name and its number and its function (original, replacement, change).
- 0/0030 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.
- 0/0080 A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.
- 0/0090 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.
- 0/0130 A group of segments to identify person, function, or department and appropriate numbers to whom communication should be directed.
- 0/0140 A segment to identify the person, function, or department to whom communication should be directed.

- 0/0150 A segment identifying communication types and numbers for the person, function, or department identified in the CTA segment.
- 0/0190 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).
- 0/0200 A segment to indicate by the relevant processing indicator code which scheduling method is used.
- 0/0370 A group of segments providing details of the individual line items for both methods.
- 0/0380 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.
- 0/0390 A segment providing additional product identification.
- 0/0400 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.
- 0/0580 A group of segments specifying product quantities and associated dates not related to schedules and where relevant, references.
- 0/0590 A segment to specify pertinent quantities not related to schedule(s) e.g., cumulative quantity, last quantity considered.
- 0/0600 A segment indicating the date/time/period details relating to the quantity.
- 0/0640 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 NAD-LOC-FTX included in the segment group LIN-PIA-IMD.
- 0/0650 A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g., firm or proposed delivery pattern.
- 0/0660 A group of segments specifying product quantities and associated dates.
- 0/0670 A segment to specify pertinent quantities which may relate to schedule(s) and, or pattern established in the SCC segment, e.g., delivery quantity for a specified date.
- 0/0680 A segment indicating date/time/period details relating to the given quantity.
- 0/1110 A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

Function: To head, identify and specify a message. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	Message reference number	M	an	1/14	Must use
		Description: Unique message reference assigned by the sender.				
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		Must use
		Description: Identification of the type, version, etc. of the message being interchanged.				
UNH020-010	0065	Message type	M	an	1/6	Must use
		Description: Code identifying a type of message and assigned by its controlling agency.				
		Code List Summary (Total Codes: 210, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		DELFOR		Delivery schedule message		
UNH020-020	0052	Message version number	M	an	1/3	Must use
		Description: Version number of a message type.				
		Code List Summary (Total Codes: 8, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		D		Draft version/UN/EDIFACT Directory		
UNH020-030	0054	Message release number	M	an	1/3	Must use
		Description: Release number within the current message version number.				
		Code List Summary (Total Codes: 30, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		04A		Release 2004 - A		
UNH020-040	0051	Controlling agency, coded	M	an	1/3	Must use
		Description: Code identifying a controlling agency.				
		Code List Summary (Total Codes: 26, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		UN		UN/CEFACT		
UNH020-050	0057	Association assigned code	C	an	1/6	Used
		Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
		User Note 1: GMI051 = Joint Automotive Industry Forum DELFOR V1				

Notes:

1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Must use

Function: To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME	C	Comp		Used
Description: Identification of a type of document/message by code or name. Code preferred.						
BGM010-010	1001	Document name code	C	an	1/3	Used
Description: Code specifying the document name.						
Code List Summary (Total Codes: 603, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		241		Delivery schedule		
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Used
Description: Identification of a document/message by its number and eventually its version or revision.						
BGM020-010	1004	Document identifier	C	an	1/35	Used
Description: To identify a document.						
BGM030	1225	Message function code	C	an	1/3	Used
Description: Code indicating the function of the message.						
User Note 1:						
04 - Change is used for both original forecast and changes						
05 - Replace is used to replace the forecast completely						
Code List Summary (Total Codes: 65, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		4		Change		
		5		Replace		

User Note 1:

Document/Message Identifier is not the same as the Scheduling Agreement Number. Please see the PIA+ZZ for the Scheduling Agreement Number.

DTM DATE/TIME/PERIOD

Pos: 0030	Max: 10
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Must use

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

Description: Date and/or time, or period relevant to the specified date/time/period type.

DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Must use
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Description: Code qualifying the function of a date, time or period.

Code List Summary (Total Codes: 747, Included: 4)

<u>Code</u>	<u>Name</u>
137	Document/message date/time
158	Horizon start date
159	Horizon end date
558	Changed date

DTM010-020	2380	Date or time or period text	C	an	1/35	Used
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Description: The value of a date, a date and time, a time or of a period in a specified representation.

DTM010-030	2379	Date or time or period format code	C	an	1/3	Used
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Description: Code specifying the representation of a date, time or period.

User Note 1:

Flexibility is provided in the date/time format however all efforts will be made to provide complete date, time and time zone information using format code 303

Code List Summary (Total Codes: 80, Included: 3)

<u>Code</u>	<u>Name</u>
102	CCYYMMDD
203	CCYYMMDDHHMM
303	CCYYMMDDHHMMZZZ

User Note 1:

Document/Message Date/Time is mandatory
Changed Date is mandatory when BGM03 = 4
Horizon Start/End Dates are optional and may not exist.

Segment Group 2

Pos: 0080	Repeat: 99
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0090	NAD	NAME AND ADDRESS	M	1	Must use
0130		Segment Group 4	C	5	Used

NAD NAME AND ADDRESS

Pos: 0090	Max: 1
Mandatory	
Group: 2	Elements: 8

User Option (Usage): Must use

Function: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party function code qualifier	M	an	1/3	Must use

Description: Code giving specific meaning to a party.

User Note 1:

The values: SF, ST will be mandatory and will constitute the core names and addresses

Code List Summary (Total Codes: 550, Included: 5)

<u>Code</u>	<u>Name</u>
BY	Buyer
FD	Buyer's parent company
II	Issuer of invoice
SF	Ship from
ST	Ship to

NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Used
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Description: Identification of a transaction party by code.

NAD020-010	3039	Party identifier	M	an	1/35	Must use
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Description: Code specifying the identity of a party.

NAD020-030	3055	Code list responsible agency code	C	an	1/3	Used
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Description: Code specifying the agency responsible for a code list.

Code List Summary (Total Codes: 308, Included: 1)

<u>Code</u>	<u>Name</u>
92	Assigned by buyer or buyer's agent

NAD040	C080	PARTY NAME	C	Comp		Used
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Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.

NAD040-010	3036	Party name	M	an	1/35	Must use
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Description: Name of a party.

NAD040-020	3036	Party name	C	an	1/35	Used
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Description: Name of a party.

NAD040-030	3036	Party name	C	an	1/35	Used
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Description: Name of a party.

NAD040-040	3036	Party name	C	an	1/35	Used
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Description: Name of a party.

NAD040-050	3036	Party name	C	an	1/35	Used
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Description: Name of a party.

NAD050	C059	STREET	C	Comp		Used
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Description: Street address and/or PO Box number in a structured address: one to four lines.

NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Must use
		Description: To identify a street and number and/or Post Office box number.				
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Used
		Description: To identify a street and number and/or Post Office box number.				
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Used
		Description: To identify a street and number and/or Post Office box number.				
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Used
		Description: To identify a street and number and/or Post Office box number.				
NAD060	3164	City name	C	an	1/35	Used
		Description: Name of a city.				
NAD070	C819	COUNTRY SUB-ENTITY DETAILS	C	Comp		Used
		Description: To specify a part of a country (e.g., county or part of a city).				
NAD070-010	3229	Country sub-entity name code	C	an	1/9	Used
		Description: Code specifying the name of a country sub-entity.				
NAD080	3251	Postal identification code	C	an	1/17	Used
		Description: Code specifying the postal zone or address.				
NAD090	3207	Country name code	C	an	1/3	Used
		Description: Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				

Segment Group 4

Pos: 0130	Repeat: 5
Conditional	
Group: 4	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0140	CTA	CONTACT INFORMATION	M	1	Must use
0150	COM	COMMUNICATION CONTACT	C	5	Used

CTA CONTACT INFORMATION

Pos: 0140	Max: 1
Mandatory	
Group: 4	Elements: 2

User Option (Usage): Must use

Function: To identify a person or a department to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	Contact function code	C	an	1/3	Used
Description: Code specifying the function of a contact (e.g., department or person).						
Code List Summary (Total Codes: 96, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		IC		Information contact		
		PD		Purchasing contact		
CTA020	C056	DEPARTMENT OR EMPLOYEE DETAILS	C	Comp		Used
Description: Code and/or name of a department or employee. Code preferred.						
CTA020-020	3412	Department or employee name	C	an	1/35	Used
Description: Name of a department or employee.						

COM COMMUNICATION CONTACT

Pos: 0150	Max: 5
Conditional	
Group: 4	Elements: 1

User Option (Usage): Used

Function: To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		Must use
Description: Communication number of a department or employee in a specified channel.						
COM010-010	3148	Communication address identifier	M	an	1/512	Must use
Description: To identify a communication address.						
COM010-020	3155	Communication address code qualifier	M	an	1/3	Must use
Description: Code qualifying the communication address.						
Code List Summary (Total Codes: 40, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		EM		Electronic mail		
		FX		Telefax		
		TE		Telephone		

Segment Group 6

Pos: 0190	Repeat: 9999
Conditional	
Group: 6	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0200	GEI	PROCESSING INFORMATION	M	1	Must use
0370		Segment Group 12	C	9999	Used

GEI PROCESSING INFORMATION

Pos: 0200	Max: 1
Mandatory	
Group: 6	Elements: 2

User Option (Usage): Must use
Function: To identify processing information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GEI010	9649	Processing information code qualifier	M	an	1/3	Must use
Description: Code qualifying the processing information.						
Code List Summary (Total Codes: 6, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		3		Scheduling type information		
GEI020	C012	PROCESSING INDICATOR	C	Comp		Used
Description: Identification of the processing indicator.						
GEI020-010	7365	Processing indicator description code	C	an	1/3	Used
Description: Code specifying a processing indicator.						
Code List Summary (Total Codes: 134, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		37		Complete information		

Segment Group 12

Pos: 0370	Repeat: 9999
Conditional	
Group: 12	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0380	LIN	LINE ITEM	M	1	Must use
0390	PIA	ADDITIONAL PRODUCT ID	C	10	Used
0400	IMD	ITEM DESCRIPTION	C	10	Used
0580		Segment Group 16	C	99	Used
0640		Segment Group 18	C	999	Used

LIN

LINE ITEM

Pos: 0380	Max: 1
Mandatory	
Group: 12	Elements: 1

User Option (Usage): Must use

Function: To identify a line item and configuration.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used
Description: Goods identification for a specified source.						
LIN030-010	7140	Item identifier	C	an	1/35	Used
Description: To identify an item.						
LIN030-020	7143	Item type identification code	C	an	1/3	Used
Description: Coded identification of an item type.						
Code List Summary (Total Codes: 107, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		IN		Buyer's item number		

PIA

ADDITIONAL PRODUCT ID

Pos: 0390	Max: 10
Conditional	
Group: 12	Elements: 3

User Option (Usage): Used

Function: To specify additional or substitutional item identification codes.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PIA010	4347	Product identifier code qualifier	M	an	1/3	Must use
Description: Code qualifying the product identifier.						
Code List Summary (Total Codes: 12, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		1		Additional identification		
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	Comp		Must use
Description: Goods identification for a specified source.						
PIA020-010	7140	Item identifier	C	an	1/35	Must use
Description: To identify an item.						
PIA020-020	7143	Item type identification code	C	an	1/3	Must use
Description: Coded identification of an item type.						
Code List Summary (Total Codes: 107, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		ZZZ		Mutually defined (Scheduling Agreement)		
PIA030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used
Description: Goods identification for a specified source.						
PIA030-010	7140	Item identifier	C	an	1/35	Used
Description: To identify an item.						
PIA030-020	7143	Item type identification code	C	an	1/3	Used
Description: Coded identification of an item type.						
Code List Summary (Total Codes: 107, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		PL		Purchaser's order line number (Scheduling Agreement line number)		

IMD ITEM DESCRIPTION

Pos: 0400	Max: 10
Conditional	
Group: 12	Elements: 1

User Option (Usage): Used

Function: To describe an item in either an industry or free format.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IMD030	C273	ITEM DESCRIPTION	C	Comp		Used
		Description: Description of an item.				
IMD030-040	7008	Item description	C	an	1/256	Used
		Description: Free form description of an item.				

Segment Group 16

Pos: 0580	Repeat: 99
Conditional	
Group: 16	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0590	QTY	QUANTITY	M	1	Must use
0600	DTM	DATE/TIME/PERIOD	C	2	Used

QTY QUANTITY

Pos: 0590	Max: 1
Mandatory	
Group: 16	Elements: 1

User Option (Usage): Must use
Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS	M	Comp		Must use
Description: Quantity information in a transaction, qualified when relevant.						
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Must use
Description: Code qualifying the type of quantity.						
Code List Summary (Total Codes: 462, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		3		Cumulative quantity		
QTY010-020	6060	Quantity	M	an	1/35	Must use
Description: Alphanumeric representation of a quantity.						
QTY010-030	6411	Measurement unit code	C	an	1/8	Used
Description: Code specifying the unit of measurement.						

DTM DATE/TIME/PERIOD

Pos: 0600	Max: 2
Conditional	
Group: 16	Elements: 1

User Option (Usage): Used

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

Description: Date and/or time, or period relevant to the specified date/time/period type.

DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Must use
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Description: Code qualifying the function of a date, time or period.

Code List Summary (Total Codes: 747, Included: 1)

<u>Code</u>	<u>Name</u>
51	Cumulative quantity start date

DTM010-020	2380	Date or time or period text	C	an	1/35	Used
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Description: The value of a date, a date and time, a time or of a period in a specified representation.

DTM010-030	2379	Date or time or period format code	C	an	1/3	Used
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Description: Code specifying the representation of a date, time or period.

Code List Summary (Total Codes: 80, Included: 3)

<u>Code</u>	<u>Name</u>
102	CCYYMMDD
203	CCYYMMDDHHMM
303	CCYYMMDDHHMMZZZ

Segment Group 18

Pos: 0640	Repeat: 999
Conditional	
Group: 18	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0650	SCC	SCHEDULING CONDITIONS	M	1	Must use
0660		Segment Group 19	C	999	Used

SCC SCHEDULING CONDITIONS

Pos: 0650	Max: 1
Mandatory	
Group: 18	Elements: 2

User Option (Usage): Must use
Function: To specify scheduling conditions.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCC010	4017	Delivery plan commitment level code	M	an	1/3	Must use

Description: Code specifying the level of commitment to a delivery plan.

User Note 1:

Values of 1 (Firm) and 4 (Planning) are associated to dates where DTM01=2 (Requested delivery) Values of 2 (Commitment for manufacturing and material) and 3 (Commitment for material) are associated to dates where DTM01=158 and 159 (Horizon start and Horizon end)

Code List Summary (Total Codes: 23, Included: 4)

<u>Code</u>	<u>Name</u>
1	Firm
2	Commitment for manufacturing and material
3	Commitment for material
4	Planning/forecast

SCC030	C329	PATTERN DESCRIPTION	C	Comp		Used
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Description: Shipment, delivery or production interval pattern and timing.

SCC030-010	2013	Frequency code	C	an	1/3	Used
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Description: Code specifying the rate of recurrence.

User Note 1:

Frequency code is only mandatory for SCC01 values of 1 and 4

Code List Summary (Total Codes: 16, Included: 2)

<u>Code</u>	<u>Name</u>
M	Monthly (calendar months)
W	Weekly

Segment Group 19

Pos: 0660	Repeat: 999
Conditional	
Group: 19	Elements: N/A

User Option (Usage): Used

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0670	QTY	QUANTITY	M	1	Must use
0680	DTM	DATE/TIME/PERIOD	C	9	Used

QTY QUANTITY

Pos: 0670	Max: 1
Mandatory	
Group: 19	Elements: 1

User Option (Usage): Must use
Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS	M	Comp		Must use
Description: Quantity information in a transaction, qualified when relevant.						
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Must use
Description: Code qualifying the type of quantity.						
Code List Summary (Total Codes: 462, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		1		Discrete quantity		
		3		Cumulative quantity		
QTY010-020	6060	Quantity	M	an	1/35	Must use
Description: Alphanumeric representation of a quantity.						
QTY010-030	6411	Measurement unit code	C	an	1/8	Used
Description: Code specifying the unit of measurement.						

User Note 1:

*Discrete quantity only used with Firm (SCC+1) or Planning (SCC+4)
 Cumulative quantity only used with commitments (SCC+2, SCC+3)*

DTM DATE/TIME/PERIOD

Pos: 0680	Max: 9
Conditional	
Group: 19	Elements: 1

User Option (Usage): Used

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

Description: Date and/or time, or period relevant to the specified date/time/period type.

DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Must use
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Description: Code qualifying the function of a date, time or period.

Code List Summary (Total Codes: 747, Included: 3)

<u>Code</u>	<u>Name</u>
2	Delivery date/time, requested
158	Horizon start date
159	Horizon end date

DTM010-020	2380	Date or time or period text	C	an	1/35	Used
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Description: The value of a date, a date and time, a time or of a period in a specified representation.

DTM010-030	2379	Date or time or period format code	C	an	1/3	Used
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Description: Code specifying the representation of a date, time or period.

User Note 1:

Flexibility is provided in the date/time format however all efforts will be made to provide complete date, time and time zone information using format code 303

Code List Summary (Total Codes: 80, Included: 3)

<u>Code</u>	<u>Name</u>
102	CCYYMMDD
203	CCYYMMDDHHMM
303	CCYYMMDDHHMMZZZ

User Note 1:

*Requested delivery date only used with Firm (SCC+1) or Planning (SCC+4)
Horizon Start/End dates only used with commitments (SCC+2, SCC+3)*

UNT MESSAGE TRAILER

Pos: 1110	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

Function: To end and check the completeness of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/10	Must use
		Description: The number of segments in a message body, plus the message header segment and message trailer segment.				
UNT020	0062	Message reference number	M	an	1/14	Must use
		Description: Unique message reference assigned by the sender.				

Notes:

1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.