Molded & Decorated Plastic Systems

Summit Polymers Inc.

DELFOR Specifications

EDI HELP DESK

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DELFOR – Call Off Process

DELFOR with Firm Releases

These specifications only apply to those vendors marked as a call-off vendor by the SPI Corporate Buyer. This process will not send a DELJIT with firm releases. Only the DELFOR will be transmitted. Firm quantities will be found based on the SCC+1 segment indicating a firm release.

Chane Log

03/2026 – Establishment of Specification.

DELFOR EXAMPLE

UNH+000000001+DELFOR:D:97A:UN'
BGM+241+2009088+5'
DTM+137:20090329:102'
DTM+158:20090329:102'
DTM+159:20090517:102'
NAD+MI+**059697201**::16+SUMMIT POLYMERS, INC.++6715 S. SPRINKLE ROAD+PORTAGE+MI+49002'
NAD+SU+{Supplier DUNS CODE}::16+COMPANY NAME++ADDRESS+CITY+STATE+ZIP CODE'
GIS+37'
NAD+ST+783567159::16++SYNTECH PLANT+1211 PROGRESS ST.+STURGIS+MI+49091'
LIN+++CTN.0106:IN'
PIA+1+4:GB+2009:RY'
LOC+7+783567195:::SUMMIT POLYMERS, INC.'
IMD+++:::CARTON HSC.32EC.: 33331.'
RFF+ON:324005:4'
QTY+70:500:EA'
QTY+3:600:EA'
QTY+48:5:EA'
RFF+SI:123456'
DTM+50:20090315:102'
SCC+1++D
QTY+1:0:EA
DTM+158:20090322:102'
SCC+1++D
QTY+1:20:EA
DTM+158:20090323:102'
SCC+1++D
QTY+1:0:EA
DTM+158:20090324:102'
SCC+1++D
QTY+1:0:EA
DTM+158:20090325:102'
SCC+1++D
QTY+1:0:EA
DTM+158:20090326:102'
SCC+1++D
QTY+1:0:EA
DTM+158:20090327:102'
SCC+1++D
QTY+1:10:EA
DTM+158:20090328:102'
SCC+4++W'
QTY+1:250:EA'
DTM+158:20090329:102'
QTY+1:250:EA'
DTM+158:20090405:102'

QTY+1:250:EA'
DTM+158:20090412:102'
QTY+1:250:EA'
DTM+158:20090419:102'
QTY+1:250:EA'
DTM+158:20090426:102'
QTY+1:250:EA'
DTM+158:20090503:102'
QTY+1:250:EA'
DTM+158:20090510:102'
QTY+1:250:EA'
DTM+158:20090517:102'
SCC+3'
QTY+3:10:EA'
SCC+2'
QTY+3:15:EA'
UNT+33+000000001'

DELFOR Delivery Schedule Message

Data Segments:

WARNING! This version of the DELFOR is not upward compatible with versions prior to D96B.
The 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 of medium to long term scheduling for products. The purpose of the DELFOR is to communicate to suppliers, the anticipated need for parts and material.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use	0010	UNH	Message Header	M	1		
Must Use	0020	BGM	Beginning of Message	M	1		
Must Use	0030	DTM	Date/Time/Period	M	10		
Not Used	0040	FTX	Free Text	C	5		
Not Used	0050		Segment Group 1: RFF-DTM	C		10	
Not Used	0060	RFF	Reference	M	1		
Not Used	0070	DTM	Date/Time/Period	C	1		
Must Use	0080		Segment Group 2: NAD-SG3-SG4	C		99	
Must Use	0090	NAD	Name and Address	M	1		
Not Used	0100		Segment Group 3: RFF-DTM	C		10	
Not Used	0110	RFF	Reference	M	1		
Not Used	0120	DTM	Date/Time/Period	C	1		
Not Used	0130		Segment Group 4: CTA-COM	C		5	
Not Used	0140	CTA	Contact Information	M	1		
Not Used	0150	COM	Communication Contact	C	5		
Not Used	0160		Segment Group 5: TDT-DTM	C		10	
Not Used	0170	TDT	Details of Transport	M	1		
Not Used	0180	DTM	Date/Time/Period	C	5		
Must Use	0190		Segment Group 6: GIS-SG7-SG12	C		9999	
Must Use	0200	GIS	General Indicator	M	1		
Must Use	0210		Segment Group 7: NAD-LOC-FTX-SG8-SG9-SG10-SG11	C		1	
Must Use	0220	NAD	Name and Address	M	1		
Not Used	0230	LOC	Place/Location Identification	C	10		
Not Used	0240	FTX	Free Text	C	5		
Not Used	0250		Segment Group 8: RFF-DTM	C		10	
Not Used	0260	RFF	Reference	M	1		
Not Used	0270	DTM	Date/Time/Period	C	1		
Not Used	0280		Segment Group 9: DOC-DTM	C		10	
Not Used	0290	DOC	Document/Message Details	M	1		

Not Used	0300	DTM	Date/Time/Period	C	10	
Not Used	0310		Segment Group 10: CTA-COM	C		5
Not Used	0320	CTA	Contact Information	M	1	
Not Used	0330	COM	Communication Contact	C	5	
Not Used	0340		Segment Group 11: TDT-DTM	C		10
Not Used	0350	TDT	Details of Transport	M	1	
Not Used	0360	DTM	Date/Time/Period	C	5	
Must Use	0370		Segment Group 12: LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG13-SG14-SG15-SG17-SG20-SG22	C		9999
Must Use	0380	LIN	Line Item	M	1	
	0390	PIA	Additional Product Id	C	10	
Not Used	0400	IMD	Item Description	C	10	
Not Used	0410	MEA	Measurements	C	5	
Not Used	0420	ALI	Additional Information	C	5	
Not Used	0430	GIN	Goods Identity Number	C	999	
Not Used	0440	GIR	Related Identification Numbers	C	999	
Not Used	0450	LOC	Place/Location Identification	C	999	
Not Used	0460	DTM	Date/Time/Period	C	5	
Not Used	0470	FTX	Free Text	C	5	
Not Used	0480		Segment Group 13: RFF-DTM	C		10
Not Used	0490	RFF	Reference	M	1	
Not Used	0500	DTM	Date/Time/Period	C	1	
Not Used	0510		Segment Group 14: TDT-DTM	C		10
Not Used	0520	TDT	Details of Transport	M	1	
Not Used	0530	DTM	Date/Time/Period	C	5	
	0540		Segment Group 15: QTY-DTM-SG16	C		10
Not Used	0550	QTY	Quantity	M	1	
Not Used	0560	DTM	Date/Time/Period	C	2	
Not Used	0570		Segment Group 16: RFF-DTM	C		10
Not Used	0580	RFF	Reference	M	1	
Not Used	0590	DTM	Date/Time/Period	C	1	
	0600		Segment Group 17: SCC-SG18	C		999
Must Use	0610	SCC	Scheduling Conditions	M	1	
	0620		Segment Group 18: QTY-DTM-SG19	C		999
Must Use	0630	QTY	Quantity	M	1	
	0640	DTM	Date/Time/Period	C	1	
Not Used	0650		Segment Group 19: RFF-DTM	C		10
Not Used	0660	RFF	Reference	M	1	
Not Used	0670	DTM	Date/Time/Period	C	1	

Not Used	0680		Segment Group 20: PAC-MEA-QTY-DTM-SG21	C		99
Not Used	0690	PAC	Package	M	1	
Not Used	0700	MEA	Measurements	C	10	
Not Used	0710	QTY	Quantity	C	5	
Not Used	0720	DTM	Date/Time/Period	C	5	
Not Used	0730		Segment Group 21: PCI-GIN	C		10
Not Used	0740	PCI	Package Identification	M	1	
Not Used	0750	GIN	Goods Identity Number	C	10	
Not Used	0760		Segment Group 22: NAD-LOC-FTX-SG23-SG24-SG25-SG27-SG30	C		999
Not Used	0770	NAD	Name and Address	M	1	
Not Used	0780	LOC	Place/Location Identification	C	10	
Not Used	0790	FTX	Free Text	C	5	
Not Used	0800		Segment Group 23: DOC-DTM	C		10
Not Used	0810	DOC	Document/Message Details	M	1	
Not Used	0820	DTM	Date/Time/Period	C	1	
Not Used	0830		Segment Group 24: CTA-COM	C		5
Not Used	0840	CTA	Contact Information	M	1	
Not Used	0850	COM	Communication Contact	C	5	
Not Used	0860		Segment Group 25: QTY-DTM-SG26	C		10
Not Used	0870	QTY	Quantity	M	1	
Not Used	0880	DTM	Date/Time/Period	C	2	
Not Used	0890		Segment Group 26: RFF-DTM	C		10
Not Used	0900	RFF	Reference	M	1	
Not Used	0910	DTM	Date/Time/Period	C	1	
Not Used	0920		Segment Group 27: SCC-SG28	M		999
Not Used	0930	SCC	Scheduling Conditions	M	1	
Not Used	0940		Segment Group 28: QTY-DTM-SG29	M		999
Not Used	0950	QTY	Quantity	M	1	
Not Used	0960	DTM	Date/Time/Period	C	2	
Not Used	0970		Segment Group 29: RFF-DTM	C		10
Not Used	0980	RFF	Reference	M	1	
Not Used	0990	DTM	Date/Time/Period	C	1	
Not Used	1000		Segment Group 30: TDT-DTM	C		10
Not Used	1010	TDT	Details of Transport	M	1	
Not Used	1020	DTM	Date/Time/Period	C	5	
Must Use	1030	UNT	Message Trailer	M	1	

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 will contain the following data in segment UNH, composite S009:
Data element 0065 DELFOR 0052 D 0054 97A 0051 UN
Syntax Notes:
Semantic Notes:
Comments:
Example: **UNH+000000001+DELFOR:D:97A:UN'**

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**0062**		**MESSAGE REFERENCE NUMBER**	**M an..14**
			Unique message reference assigned by the sender.	
			Must match the message reference number in the UNT.	
>>	**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.	
			DELFOR Delivery schedule message	
			A code to identify the delivery schedule message.	
>>		**0052**	**Message type version number**	**M an..3**
			Version number of a message type.	
			D Draft version/UN/EDIFACT Directory	
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	
>>		**0054**	**Message type release number**	**M an..3**
			Release number within the current message type version number (0052).	
			97A Release 1997 - A	
			Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).	
>>		**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	

United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

X		**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.		
X	**0068**		**COMMON ACCESS REFERENCE**	**C**	**an..35**
			Reference serving as a key to relate all subsequent transfers of data to the same business case or file.		
X	**S010**		**STATUS OF THE TRANSFER**	**C**	
			Statement that the message is one in a sequence of transfers relating to the same topic.		
X		**0070**	**Sequence message transfer number**	**M**	**n..2**
			Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.		
X		**0073**	**First/last sequence message transfer indication**	**C**	**a1**
			Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to D.97A Data Element Dictionary for acceptable code values.		

Segment: **BGM** Beginning of Message

Position: 0020
Group:
Level: 1
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).
Syntax Notes:
Semantic Notes:
Comments:
Example: **BGM+241::::+2001277+5'**

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**C002**		**DOCUMENT/MESSAGE NAME**	**C**
			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.	
			241 Delivery Schedule.	
X		**1131**	**Code list qualifier**	**C an..3**
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		**3055**	**Code list responsible agency, coded**	**C an..3**
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		**1000**	**Document/message name**	**C an..35**
			Plain language identifier specifying the function of a document/message.	
>>	**C106**		**DOCUMENT/MESSAGE IDENTIFICATION**	**C**
			Identification of a document/message by its number and its version or revision.	
>>		**1004**	**Document/message number**	**C an..35**
			Reference number assigned to the document/message by the issuer.	
X		**1056**	**Version**	**C an..9**
			To specify the version number or name of an object.	
X		**1060**	**Revision number**	**C an..6**
			To specify a revision number.	
>>	**1225**		**MESSAGE FUNCTION, CODED**	**C an..3**
			Code indicating the function of the message.	
			The requirements established in this message supersede any previously established requirements, which fall within the horizons of this message.	
			5 Replace – Message replacing a previous message.	
X	**4343**		**RESPONSE TYPE, CODED**	**C an..3**
			Code specifying the type of acknowledgment required or transmitted.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

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 will be included to indicate the beginning and the end date of the schedule.
Syntax Notes:
Semantic Notes:
Comments:
Example: SPI will send 3 iterations of the DTM in this segment group.

DTM+137:20011004:102'
DTM+158:20011007:102'
DTM+159:20011201:102'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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 (2006) Date/time when a document/message is issued. This may include authentication.	
			158 Horizon start date The first date of a period forming a horizon.	
			159 Horizon end date The last date of a period forming a horizon.	
>>		**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 Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Group: Segment group 2: NAD

Position: 0080
Group:
Level: 1
Usage: Conditional (Required)
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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0090	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address

Position: 0090 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
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 will be given in the NAD segment in the detail section.

Syntax Notes:
Semantic Notes:
Comments:
Example: SPI will send 2 NAD loops.

NAD+MI+059697201::16+SUMMIT POLYMERS, INC.++6715 SPRINKLE ROAD+PORTAGE+MI+49002'

NAD+SU+DUNS CODE::16+COMPANY NAME++ADDRESS+CITY+STATE+ZIP CODE'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**3035**		**PARTY QUALIFIER** Code giving specific meaning to a party. MI Planning schedule/material release issuer SU Supplier (3280) Party, which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	**M an..3**
>>	**C082**		**PARTY IDENTIFICATION DETAILS** Identification of a transaction party by code.	**C**
>>		**3039**	**Party id. identification** Code identifying a party involved in a transaction.	**M an..35**
X		**1131**	**Code list qualifier** Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	**C an..3**
>>		**3055**	**Code list responsible agency, coded** Code identifying the agency responsible for a code list. 16 DUNS (Dun & Bradstreet)	**C an..3**
>>	**C058**		**NAME AND ADDRESS** Unstructured name and address: one to five lines.	**C**
>>		**3124**	**Name and address line**	**C an..35**

			Free form name and address description.		
X		**3124**	**Name and address line**	**C**	**an..35**
			Free form name and address description.		
X		**3124**	**Name and address line**	**C**	**an..35**
			Free form name and address description.		
X		**3124**	**Name and address line**	**C**	**an..35**
			Free form name and address description.		
X		**3124**	**Name and address line**	**C**	**an..35**
			Free form name and address description.		
>>	**C080**		**PARTY NAME**	**C**	
			Identification of a transaction party by name, one to five lines.		
>>		**3036**	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3036**	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3036**	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3036**	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3036**	**Party name**	**C**	**an..35**
			Name of a party involved in a transaction.		
X		**3045**	**Party name format, coded**	**C**	**an..3**
			Specification of the representation of a party name. Refer to D.97A Data Element Dictionary for acceptable code values.		
>>	**C059**		**STREET**	**C**	
			Street address and/or PO Box number in a structured address: one to three lines.		
>>		**3042**	**Street and number/p.o. box**	**C**	**an..35**
			Street and number in plain language, or Post Office Box No.		
X		**3042**	**Street and number/p.o. box**	**C**	**an..35**
			Street and number in plain language, or Post Office Box No.		
X		**3042**	**Street and number/p.o. box**	**C**	**an..35**
			Street and number in plain language, or Post Office Box No.		
X		**3042**	**Street and number/p.o. box**	**C**	**an..35**
			Street and number in plain language, or Post Office Box No.		
>>	**3164**		**CITY NAME**	**C**	**an..35**
			Name of a city (a town, a village) for addressing purposes.		
>>	**3229**		**COUNTRY SUB-ENTITY IDENTIFICATION**	**C**	**an..9**
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
>>	**3251**		**POSTCODE IDENTIFICATION**	**C**	**an..9**
			Code defining postal zones or addresses.		
X	**3207**		**COUNTRY, CODED**	**C**	**an..3**
			Name of a country or other geographical entity as specified in ISO 3166.		

Group: Segment Group 6: GIS-SG7-SG12

Position: 0190
Group:
Level: 1
Usage: Conditional (Required)
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
Must Use	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 (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate which method is used by the relevant processing indicator code.

Syntax Notes:
Semantic Notes:
Comments:
Example: **GIS+37'**

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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	
			Processing of information to note that complete data details (not just changes) are transmitted.	
X		**1131**	**Code list qualifier**	**C an..3**
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		**3055**	**Code list responsible agency, coded**	**C an..3**
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		**7187**	**Process type identification**	**C an..17**
			Specification of a process or sub-process.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

Group: *Segment Group 7: NAD*

Position: 0210
Group: Segment Group 6 (General Indicator) Conditional (Required)
Level: 2
Usage: Conditional (Required)
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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	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: 3
Usage: Optional
Max Use: 1
Purpose: A segment for identifying the consignee.
Syntax Notes:
Semantic Notes:
Comments:
Example: **NAD+ST+783567159::16++SYNTECH PLANT+1211 PROGRESS ST.+STURGIS+MI+49091'**

Note: The NAD+ST segment will not be transmitted if multiple ship-to locations are required. (This is for special process suppliers only). The shipping location will be identified in the LOC segment at the item level if the NAD+ST is not sent.

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**3035**		**PARTY QUALIFIER**	**M an..3**
			Code giving specific meaning to a party.	
			ST Ship to	
			Identification of the party to where goods are shipped.	
>>	**C082**		**PARTY IDENTIFICATION DETAILS**	**C**
			Identification of a transaction party by code.	
>>		**3039**	**Party id. identification**	**M an..35**
			Code identifying a party involved in a transaction.	
X		**1131**	**Code list qualifier**	**C an..3**
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
>>		**3055**	**Code list responsible agency, coded**	**C an..3**
			Code identifying the agency responsible for a code list.	
			16 DUNS (Dun & Bradstreet)	
>>	**C058**		**NAME AND ADDRESS**	**C**
			Unstructured name and address: one to five lines.	
>>		**3124**	**Name and address line**	**C an..35**
			Free form name and address description.	
X		**3124**	**Name and address line**	**C an..35**
			Free form name and address description.	
X		**3124**	**Name and address line**	**C an..35**
			Free form name and address description.	
X		**3124**	**Name and address line**	**C an..35**
			Free form name and address description.	
X		**3124**	**Name and address line**	**C an..35**
			Free form name and address description.	
>>	**C080**		**PARTY NAME**	**C**

			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
>>		3036	**Party name**	C	an..35
			Name of a party involved in a transaction.		
X		3036	**Party name**	C	an..35
			Name of a party involved in a transaction.		
X		3036	**Party name**	C	an..35
			Name of a party involved in a transaction.		
X		3036	**Party name**	C	an..35
			Name of a party involved in a transaction.		
X		3036	**Party name**	C	an..35
			Name of a party involved in a transaction.		
X		3045	**Party name format, coded**	C	an..3
			Specification of the representation of a party name.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
>>	C059		**STREET**	C	
			Street address and/or PO Box number in a structured address: one to three lines.		
>>		3042	**Street and number/ p.o. box**	M	an..35
			Street and number in plain language, or Post Office Box No.		
X		3042	**Street and number/ p.o. box**	C	an..35
			Street and number in plain language, or Post Office Box No.		
X		3042	**Street and number/ p.o. box**	C	an..35
			Street and number in plain language, or Post Office Box No.		
X		3042	**Street and number/ p.o. box**	C	an..35
			Street and number in plain language, or Post Office Box No.		
>>	3164		**CITY NAME**	C	an..35
			Name of a city (a town, a village) for addressing purposes.		
>>	3229		**COUNTRY SUB-ENTITY IDENTIFICATION**	C	an..9
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
>>	3251		**POSTCODE IDENTIFICATION**	C	an..9
			Code defining postal zones or addresses.		
>>	3207		**COUNTRY, CODED**	C	an..3
			Identification of the name of a country or other geographical entity as specified in ISO 3166.		

Group: Segment Group 12: LIN-PIA-IMD-SG13-SG15-SG17

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

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0380	LIN	Line Item	M	1	
	0390	PIA	Additional Product Id	C	10	
	0400	IMD	Item Description	C	10	
	0480		Segment Group 13: Reference	C		10
	0540		Segment Group 15: Quantity	C		10
	0600		Segment Group 17: Scheduling Conditions	C		999

Segment: LIN Line Item

Position: 0380 (Trigger Segment)
Group: Segment Group 12 (Line Item) Conditional (Required)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the details of the product or service to be delivered, e.g. product identification. All segments in the detail section that follow LIN refers to the line item.
Syntax Notes:
Semantic Notes:
Comments:
Example: **LIN+++CTN.0106:IN'**

Data Element Summary

	Data Element	Component Element	Name	Attributes
X	**1082**		**LINE ITEM NUMBER**	**C an..6**
			Serial number designating each separate item within a series of articles.	
X	**1229**		**ACTION REQUEST/NOTIFICATION, CODED**	**C an..3**
			Code specifying the action to be taken or already taken.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
>>	**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.	
>>		**7143**	**Item number type, coded**	**C an..3**
			Identification of the type of item number.	
			IN SPI Buyer's item number	
X		**1131**	**Code list qualifier**	**C an..3**
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		**3055**	**Code list responsible agency, coded**	**C an..3**
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	**C829**		**SUB-LINE INFORMATION**	**C**
			To indicate that a segment or segment group is used to contain sub-line or sub-line item information to optionally enable the sub-line to be identified.	
X		**5495**	**Sub-line indicator, coded**	**C an..3**
			Indication that the segment and/or segment group is used for sub-line item.	
X		**1082**	**Line item number**	**C an..6**
			Serial number designating each separate item within a series of articles.	
X	**1222**		**CONFIGURATION LEVEL**	**C n..2**
			Number indicating the level of an object, which is in a hierarchy.	
X	**7083**		**CONFIGURATION, CODED**	**C an..3**
			Code indicating the status of the sub-line item in the configuration.	

Segment: PIA Additional Product Id
Position: 0390
Group: Segment Group 12 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment providing additional product identification.
Syntax Notes:
Semantic Notes:
Comments:
Example: The PIA is used for addition product information.

PIA+1+4: GB+2000:RY'

Data Element Summary

	Data Element	Component Element	Name	Attributes
	4347		**PRODUCT ID. FUNCTION QUALIFIER** Indication of the function of the product code. 1 Additional identification Information, which specifies and qualifies product identifications.	**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. This segment will be used to convey SPI's Part Release Status. This is a value identifying the status of the specific part number being released. 4 - Part is carryover item from the previous model year. 5 - Part is a new item for the subsequent model year. 8 - Planning quantity is final model year requirement; the part is non-carryover item for the subsequent model year. 9 - Final forecast for this cancelled part.	**C an..35**
		7143	**Item number type, coded** Identification of the type of item number. GB Buyer's internal product group code Product group code used within a buyer's internal systems.	**C an..3**
X		**1131**	**Code list qualifier** Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	**C an..3**
X		**3055**	**Code list responsible agency, coded** Code identifying the agency responsible for a code list.	**C an..3**

			Refer to D.97A Data Element Dictionary for acceptable code values.		
	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.		
			SPI will send the calendar / record keeping year in this field.		
		7143	**Item number type, coded**	C	an..3
			Identification of the type of item number.		
			RY Record keeping of model year		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	C	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C212		**ITEM NUMBER IDENTIFICATION**	C	
			Goods identification for a specified source.		
X		7140	**Item number**	C	an..35
			A number allocated to a group or item.		
X		7143	**Item number type, coded**	C	an..3
			Identification of the type of item number.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	C	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C212		**ITEM NUMBER IDENTIFICATION**	C	
			Goods identification for a specified source.		
X		7140	**Item number**	C	an..35
			A number allocated to a group or item.		
X		7143	**Item number type, coded**	C	an..3
			Identification of the type of item number.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		1131	**Code list qualifier**	C	an..3
			Identification of a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055	**Code list responsible agency, coded**	C	an..3
			Code identifying the agency responsible for a code list.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C212		**ITEM NUMBER IDENTIFICATION**	C	

		Goods identification for a specified source.		
X	**7140**	**Item number**	**C**	**an..35**
		A number allocated to a group or item.		
X	**7143**	**Item number type, coded**	**C**	**an..3**
		Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.		
X	**1131**	**Code list qualifier**	**C**	**an..3**
		Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.		
X	**3055**	**Code list responsible agency, coded**	**C**	**an..3**
		Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.		

Segment: IMD Item Description
Position: 0400
Group: Segment Group 12 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment providing additional product identification.
Syntax Notes:
Semantic Notes:
Comments:
Example: The IMD is used for addition product information.

IMD+++:::CARTON HSC.32EC.: 33331.'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
X	7077		ITEM DESCRIPTION TYPE, CODED	C	an..3
X	7081		ITEM CHARACTERISTIC, CODED	C	an..3
>>	C273		ITEM DESCRIPTION	C	
X		7009	Item description identification	C	an..17
X		1131	Code list qualifier	C	an..3
X		3055	Code list responsible agency, coded	C	an..3
>>		7008	Item description Clear text description of the part defined in the preceding LIN. SPI part description	C	an..35
>>		7008	Item description Clear text description of the part defined in the preceding LIN. Vendor part number or description	C	an..35
X		3453	Language, coded	C	an..3
X	7383		SURFACE/LAYER INDICATOR, CODED	C	an..3

Segment: **LOC** Item Description

Position: 0450
Group: Segment Group 12 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment showing destination of part defined on PO
Syntax Notes:
Semantic Notes:
Comments:
Example: The LOC is only sent when multiple ship-to locations are defined on the schedule. The NAD+ST segment will not sent, instead the LOC at the item level determines where each part is to be shipped.

LOC+7+783567159:::SUMMIT POLYMERS, INC.'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	3227		Place/Location Qualifier	C	an..3
>>	C517		LOCATION IDENTIFICATION	C	
>>		3225	Place/location Identification	C	an..25
X		1131	Code list qualifier	C	an..3
X		3055	Code list responsible agency, coded	C	an..3
>>		3224	Place/location	C	an..70

Group: Segment Group 13: RFF

Position: 0480
Group:
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references related to the line item.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0490	RFF	Reference	M	1	

Segment: **RFF** *Reference*

Position: 0490 (Trigger Segment)
Group: Segment Group 13 (Reference) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment referencing document and other numbers related to the line item as specified in the LIN segment.
Syntax Notes:
Semantic Notes:
Comments:
Example: **RFF+ON:324005:4'**

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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)	
			Reference number assigned by the buyer to an order.	
>>		**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.	
>>		**1156**	**Line number**	**C an..6**
			Number of the line in the document/message referenced in 1154 Reference number.	
			SPI will send the Purchase Order Line Item number in this field.	
X		**4000**	**Reference version number**	**C an..35**
			To uniquely identify a reference by its revision number.	

Group: Segment Group 15: QTY-SG16

Position: 0540
Group: Segment Group 15 Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying product quantities and associated dates.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0550	QTY	Quantity	M	1	
	0570		Segment Group 16: Reference	C		10

Segment: QTY *Quantity*

Position: 0550 (Trigger Segment)
Group: Segment Group 15 (Quantity) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1 per segment group 15
Purpose: A segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment
Syntax Notes:
Semantic Notes:
Comments:
Example:
QTY+70:500:EA'
QTY+3:600:EA'
QTY+48:5:EA'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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.	
			70 Cumulative quantity received (as of time of release generation)	
			3 Cumulative quantity required as of date of schedule Prior to and excluding discrete quantities of this schedule	
			48 Last received quantity	
>>		**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: Segment Group 16: RFF-DTM

Position: 0570
Group:
Level: 4
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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0580	RFF	Reference	M	1	
Must Use	0590	DTM	Date/Time/Period	C	1	

Segment: RFF Reference
Position: 0580 (Trigger Segment)
Group: Segment Group 16 (Reference) Conditional (Optional)
Level: 5
Usage: Mandatory
Max Use: 1
Purpose: A segment referencing document and other numbers related to the line item as specified in the LIN segment.

Syntax Notes:
Semantic Notes:
Comments:
Example: This RFF segment will contain the last received shipment ID.

RFF+SI:123456'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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.	
			SI SID (Shipper's identifying number for shipment)	
>>		**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.	
>>		**1156**	**Line number**	**C an..6**
			Number of the line in the document/message referenced in 1154 Reference number.	
			SPI will send the Purchase Order Line Item number in this field.	
X		**4000**	**Reference version number**	**C an..35**
			To uniquely identify a reference by its revision number.	

Segment: DTM Date/Time/Period

Position: 0590
Group: Segment Group 16 Conditional (Optional)
Level: 5
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment indicating date/time/period details relating to the given quantity.

Syntax Notes:
Semantic Notes:
Comments:
Example: This DTM segment indicates the last receipt date.

DTM+50:20090315:102'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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.	
			50 Goods receipt 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 Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Group: Segment Group 17: SCC-SG18

Position: 0600
Group: Segment Group 17 (Scheduling Conditions) Conditional (Required)
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 product driven method, this segment group can be used to summarize all forecasts.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	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: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the status of the schedule.

Syntax Notes:
Semantic Notes:
Comments:
Example:

```
SCC+1++D
SCC+4++W'
SCC+2'
SCC+3'
```

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**4017**		**DELIVERY PLAN STATUS INDICATOR, CODED**	**M an..3**
			Code indicating the level of commitment of schedule information.	
			1 Firm	
			4 Planning/forecast	
			2 Commitment for manufacturing and material SPI Fabrication CUM	
			3 Commitment for material SPI Material CUM	
X	**4493**		**DELIVERY REQUIREMENTS, CODED**	**C an..3**
			Indication of general instruction for delivery. Refer to D.97A Data Element Dictionary for acceptable code values.	
>>	**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.	
			D Daily	
			W Weekly	
X		**2015**	**Despatch pattern, coded**	**C an..3**
			Code specifying the days/periods for routine shipments or deliveries.	
X		**2017**	**Despatch pattern timing, coded**	**C an..3**
			Code specifying the detailed times for routine shipments or deliveries within data element 2015 Despatch pattern, coded. Refer to D.97A Data Element Dictionary for acceptable code values.	

Group: *Segment Group 18: QTY-DTM*

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

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
Must Use	0630	QTY	Quantity	M	1	
	0640	DTM	Date/Time/Period	C	2	

Group: QTY Quantity

Position: 0630 (Trigger Segment)
Group: Segment Group 18 (Quantity) Conditional (Optional)
Level: 5
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. forecast quantity for a specified date.
Syntax Notes:
Semantic Notes:
Comments:
Example:
QTY+1:250:EA'
QTY+3:10:EA'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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	
			3 Cumulative quantity	
>>		**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: 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.

Syntax Notes:
Semantic Notes:
Comments:
Example: This DTM segment coincides with the Weekly ('W') forecast.

DTM+158:20011007:102'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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.	
			158 Horizon start date	
			Starting date of week that goods are scheduled to arrive at SPI.	
>>		**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	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

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.
Syntax Notes:
Semantic Notes:
Comments:
Example: **UNT+29+000000001'**

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**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. Must match the message reference number in the UNH.	**M an..14**