

# **DELFOR D97A**

**Version: November 2008 Final**

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# Table of Contents

<b>Delivery Schedule Message</b> .....	3
<b>INTERCHANGE HEADER</b> .....	6
<b>MESSAGE HEADER</b> .....	8
<b>BEGINNING OF MESSAGE</b> .....	9
<b>DATE/TIME/PERIOD</b> .....	10
<b>REFERENCE</b> .....	11
<b>DATE/TIME/PERIOD</b> .....	12
<b>NAME AND ADDRESS</b> .....	13
<b>GENERAL INDICATOR</b> .....	14
<b>NAME AND ADDRESS</b> .....	15
<b>LINE ITEM</b> .....	17
<b>ITEM DESCRIPTION</b> .....	18
<b>PLACE/LOCATION IDENTIFICATION</b> .....	19
<b>REFERENCE</b> .....	20
<b>QUANTITY</b> .....	21
<b>DATE/TIME/PERIOD</b> .....	22
<b>REFERENCE</b> .....	23
<b>SCHEDULING CONDITIONS</b> .....	24
<b>QUANTITY</b> .....	25
<b>DATE/TIME/PERIOD</b> .....	26
<b>REFERENCE</b> .....	27
<b>MESSAGE TRAILER</b> .....	28
<b>INTERCHANGE TRAILER</b> .....	29

# DELFOR Delivery Schedule Message

**Message Status=2**

DELFOR is a delivery schedule message which is sent from Cummins, who is planning for the use or consumption of products, to a Trading Partner, who has to plan for the supply of the products. The DELFOR message gives the requirements regarding details for short term delivery and/or medium to long term scheduling of 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.

**Not Defined:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
	UNB	INTERCHANGE HEADER	M	1		Must use
0010	UNH	MESSAGE HEADER	M	1		Used

**Heading:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0020	BGM	BEGINNING OF MESSAGE	M	1		Used
0030	DTM	DATE/TIME/PERIOD	M	10		Used
<b>0050</b>		<b>Segment Group 1</b>	<b>C</b>	<b>10</b>		<b>Used</b>
0060	RFF	REFERENCE	M	1		Must use
0070	DTM	DATE/TIME/PERIOD	C	1		Used
<b>0080</b>		<b>Segment Group 2</b>	<b>C</b>	<b>99</b>		<b>Used</b>
0090	NAD	NAME AND ADDRESS	M	1		Must use

**Detail:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
<b>0190</b>		<b>Segment Group 6</b>	<b>C</b>	<b>9999</b>		<b>Used</b>
0200	GIS	GENERAL INDICATOR	M	1		Must use
<b>0210</b>		<b>Segment Group 7</b>	<b>C</b>	<b>1</b>		<b>Used</b>
0220	NAD	NAME AND ADDRESS	M	1		Must use
<b>0370</b>		<b>Segment Group 12</b>	<b>C</b>	<b>9999</b>		<b>Used</b>
0380	LIN	LINE ITEM	M	1		Must use
0400	IMD	ITEM DESCRIPTION	C	10		Used
0450	LOC	PLACE/LOCATION IDENTIFICATION	C	999		Used
<b>0480</b>		<b>Segment Group 13</b>	<b>C</b>	<b>10</b>		<b>Used</b>
0490	RFF	REFERENCE	M	1		Must use
<b>0540</b>		<b>Segment Group 15</b>	<b>C</b>	<b>10</b>		<b>Used</b>
0550	QTY	QUANTITY	M	1		Must use
0560	DTM	DATE/TIME/PERIOD	C	2		Used
<b>0570</b>		<b>Segment Group 16</b>	<b>C</b>	<b>10</b>		<b>Used</b>
0580	RFF	REFERENCE	M	1		Must use
<b>0600</b>		<b>Segment Group 17</b>	<b>C</b>	<b>999</b>		<b>Used</b>
0610	SCC	SCHEDULING CONDITIONS	M	1		Must use
<b>0620</b>		<b>Segment Group 18</b>	<b>C</b>	<b>999</b>		<b>Used</b>
0630	QTY	QUANTITY	M	1		Must use
0640	DTM	DATE/TIME/PERIOD	C	2		Used

<u>0650</u>		<u>Segment Group 19</u>	<u>C</u>	<u>10</u>	<u>Used</u>
0660	RFF	REFERENCE	M	1	Must use

**Not Defined:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
1030	UNT	MESSAGE TRAILER	M	1		Used
	UNZ	INTERCHANGE TRAILER	M	1		Must use

**Note:**

Example EDI:

```

UNB+UNOA:1+123456789:1+987654321:1+080901:2105+11
UNH+1+DELFOR:D:97A:UN
BGM+241+20080901-11111-0+5
DTM+137:20080901:102
DTM+158:20080831:102
DTM+159:20090301:102
NAD+SU+987654321::16++EXAMPLE SUPPLIER
GIS+37
NAD+ST+123456789::16++CUMMINS EXAMPLE DOC+REC LOC 001+COLUMBUS++47201
LIN+1++11111:IN
IMD+F++::ENGINE
LOC+7+001
RFF+ON:581000043
QTY+48:1000:EA
DTM+50:20080827:102
QTY+3:5500:EA
DTM+51:20080101:102
DTM+52:20080901:102
RFF+SI:1234567
SCC+1++D
QTY+1:2000
DTM+2:20080905:102
QTY+1:1000
DTM+2:20080912:102
QTY+1:1500
DTM+2:20080919:102
QTY+1:500
DTM+2:20080926:102
SCC+4++D
QTY+1:1500
DTM+2:20081003:102
QTY+1:2000
DTM+2:20081006:102
QTY+1:2000
DTM+2:20081013:102
QTY+1:2000
DTM+2:20081020:102
QTY+1:1500
DTM+2:20081027:102
QTY+1:2000
DTM+2:20081103:102
QTY+1:2000
DTM+2:20081110:102
QTY+1:2500
DTM+2:20081117:102
QTY+1:2000
    
```

*DTM+2:20081201:102*  
*QTY+1:1500*  
*DTM+2:20081208:102*  
*QTY+1:3000*  
*DTM+2:20081215:102*  
*QTY+1:1500*  
*DTM+2:20090105:102*  
*QTY+1:2000*  
*DTM+2:20090112:102*  
*QTY+1:2000*  
*UNT+66+1*  
*UNZ+1+11*

# UNB INTERCHANGE HEADER

<b>Pos:</b>	<b>Max: 1</b>
<b>Mandatory</b>	
<b>Group: N/A</b>	<b>Elements: 11</b>

**User Option (Usage):** Must use

To head, identify, and specify an interchange.

## 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>
UNB010	S001	<b>SYNTAX IDENTIFIER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the agency controlling the syntax and indication of syntax level.				
	0001	<b>Syntax identifier</b>	M	a	4/4	Must use
		<b>Description:</b> Coded identification of the agency controlling a syntax and syntax level used in an interchange. <b>All valid standard codes are used.</b>				
	0002	<b>Syntax version number</b>	M	n	1/1	Must use
		<b>Description:</b> Version number of the syntax identified in the syntax identifier. <b>All valid standard codes are used.</b>				
UNB020	S002	<b>INTERCHANGE SENDER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the sender of the interchange.				
	0004	<b>Sender identification</b>	M	an	1/35	Must use
		<b>Description:</b> Name or coded representation of the sender of a data interchange.				
	0007	<b>Partner identification code qualifier</b>	C	an	1/4	Used
		<b>Description:</b> Qualifier referring to the source of codes for the identifiers of interchanging partners. <b>All valid standard codes are used.</b>				
	0008	<b>Address for reverse routing</b>	C	an	1/14	Used
		<b>Description:</b> Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.				
UNB030	S003	<b>INTERCHANGE RECIPIENT</b>	M	Comp		Must use
		<b>Description:</b> Identification of the recipient of the interchange.				
	0010	<b>Recipient identification</b>	M	an	1/35	Must use
		<b>Description:</b> Name or coded representation of the recipient of a data interchange.				
	0007	<b>Partner identification code qualifier</b>	C	an	1/4	Used
		<b>Description:</b> Qualifier referring to the source of codes for the identifiers of interchanging partners. <b>All valid standard codes are used.</b>				
	0014	<b>Routing address</b>	C	an	1/14	Used
		<b>Description:</b> Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.				
UNB040	S004	<b>DATE/TIME OF PREPARATION</b>	M	Comp		Must use

		<b>Description:</b> Date/time of preparation of the interchange.				
	0017	<b>Date of preparation</b>	M	n	6/6	Must use
		<b>Description:</b> Local date when an interchange or a functional group was prepared.				
	0019	<b>Time of preparation</b>	M	n	4/4	Must use
		<b>Description:</b> Local time of day when an interchange or a functional group was prepared.				
UNB050	0020	<b>Interchange control reference</b>	M	an	1/14	Must use
		<b>Description:</b> Unique reference assigned by the sender to an interchange.				
UNB060	S005	<b>RECIPIENTS REFERENCE PASSWORD</b>	C	Comp		Used
		<b>Description:</b> Reference or password as agreed between the communicating partners.				
	0022	<b>Recipient's reference/password</b>	M	an	1/14	Must use
		<b>Description:</b> Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.				
	0025	<b>Recipient's reference/password qualifier</b>	C	an	2/2	Used
		<b>Description:</b> Qualifier for the recipient's reference or password. <b>All valid standard codes are used.</b>				
UNB070	0026	<b>Application reference</b>	C	an	1/14	Used
		<b>Description:</b> Identification of the application area assigned by the sender, to which the messages in the interchange relate (the message identifier if all the messages in the interchange are of the same type).				
UNB080	0029	<b>Processing priority code</b>	C	a	1/1	Used
		<b>Description:</b> Code determined by the sender requesting processing priority for the interchange. <b>All valid standard codes are used.</b>				
UNB090	0031	<b>Acknowledgement request</b>	C	n	1/1	Used
		<b>Description:</b> Code determined by the sender for acknowledgement of the interchange. <b>All valid standard codes are used.</b>				
UNB100	0032	<b>Cumunications agreement ID</b>	C	an	1/35	Used
		<b>Description:</b> Identification by name or code of the type of agreement under which the interchange takes place.				
UNB110	0035	<b>Test indicator</b>	C	n	1/1	Used
		<b>Description:</b> Indication that the interchange is a test. <b>All valid standard codes are used.</b>				

**Note:**  
*Example EDI:*  
 UNB+UNOA:1+123456789:1+987654321:1+080901:2105+11

# UNH MESSAGE HEADER

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

**User Option (Usage):** Used

To head, identify, and specify 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>
UNH010	0062	<b>Message reference number</b>	M	an	1/14	Used
		<b>Description:</b> Unique message reference assigned by the sender.				
UNH020	S009	<b>MESSAGE IDENTIFIER</b>	M	Comp		Used
		<b>Description:</b> Identification of the type, version, etc. of the message being interchanged.				
	0065	<b>Message type identifier</b>	M	an	1/6	Used
		<b>Description:</b> Code identifying a type of message and assigned by its controlling agency.				
		<u>Code</u>		<u>Name</u>		
		DELFOR		Delivery schedule message		
	0052	<b>Message type version number</b>	M	an	1/3	Used
		<b>Description:</b> Version number of a message type.				
		<u>Code</u>		<u>Name</u>		
		D		Draft version		
	0054	<b>Message type release number</b>	M	an	1/3	Used
		<b>Description:</b> Release number within the current message type version number.				
		<u>Code</u>		<u>Name</u>		
		97A		Release 1997 - A		
	0051	<b>Controlling agency</b>	M	an	1/2	Used
		<b>Description:</b> Code identifying the agency controlling the specification, maintenance, and publication of the message type.				
		<u>Code</u>		<u>Name</u>		
		UN		UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)		

### Note:

Example EDI:

UNH+1+DELFOR:D:97A:UN

# BGM BEGINNING OF MESSAGE

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

**User Option (Usage):** Used

A segment 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	<b>DOCUMENT/MESSAGE NAME</b>	C	Comp		Used
		<b>Description:</b> Identification of a type of document/message by code or name. Code preferred.				
	1001	<b>Document/message name, coded</b>	C	an	1/3	Used
		<b>Description:</b> Document/message identifier expressed in code.				
		<u>Code</u>		<u>Name</u>		
		241		Delivery schedule		
BGM020	C106	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	C	Comp		Used
		<b>Description:</b> Identification of a document/message by its number and eventually its version or revision.				
	1004	<b>Document/message number</b>	C	an	1/35	Used
		<b>Description:</b> Reference number assigned to the document/message by the issuer.				
BGM030	1225	<b>Message function, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code indicating the function of the message.				
		<u>Code</u>		<u>Name</u>		
		4		Change		
		5		Replace		

**Note:**

*Supplier needs to replace thier entire schedule when the replace code is utilized. The supplier needs to ensure their systems do not 'auto firm' the forecasted schedules.*

**Note:**

*Supplier may receive a change code for material during the week when a change to a part number occurs at Cummins. This will replace the entire schedule for the specific part number(s) listed.*

**Note:**

*Example EDI:  
BGM+241+20080901-11111-0+5*

# DTM DATE/TIME/PERIOD

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

**User Option (Usage):** Used

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		Used
<b>Description:</b> Date and/or time, or period relevant to the specified date/time/period type.						
	2005	Date/time/period qualifier	M	an	1/3	Used
<b>Description:</b> Code giving specific meaning to a date, time, or period.						
		<u>Code</u>		<u>Name</u>		
		137		Document/message date/time		
		158		Horizon start date		
		159		Horizon end date		
	2380	Date/time/period	C	an	1/35	Used
<b>Description:</b> 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	1/3	Used
<b>Description:</b> Specification of the representation of a date, a date and time, or of a period.						
		<u>Code</u>		<u>Name</u>		
		102		CCYYMMDD		

### Note:

Example EDI:  
 DTM+137:20080901:102  
 DTM+158:20080831:102  
 DTM+159:20090301:102

# RFF REFERENCE

Pos: 0060	Max: 1
Mandatory	
Group: 1	Elements: 1

**User Option (Usage):** Must use

To specify a reference.

## 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>
RFF010	C506	REFERENCE	M	Comp		Used

**Description:** Identification of a reference.

1153		Reference qualifier	M	an	1/3	Used
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**Description:** Code giving specific meaning to a reference segment or a reference number.

<u>Code</u>	<u>Name</u>
IP	Import licence number
LC	Letter of credit number

1154		Reference number	C	an	1/35	Used
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**Description:** Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**Note:** *Import License Number or Letter of Credit Number.*

### Note:

*This segment is an optional feature that would only be used in certain international situations when an import license or letter of credit is needed to facilitate shipments to a particular country. In most instances, this segment will not be present.*

### Note:

*Example EDI:  
RFF+LC:12345*

# DTM DATE/TIME/PERIOD

Pos: 0070	Max: 1
Conditional	
Group: 1	Elements: 1

**User Option (Usage):** Used

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		Used
<b>Description:</b> Date and/or time, or period relevant to the specified date/time/period type.						
2005		Date/time/period qualifier	M	an	1/3	Used
<b>Description:</b> Code giving specific meaning to a date, time or period.						
		<u>Code</u>		<u>Name</u>		
		125		Import licence date		
		137		Document/message date/time		
2380		Date/time/period	C	an	1/35	Used
<b>Description:</b> The value of a date, a date and time, a time or of a period in a specified representation.						
<b>Note:</b> <i>Import License Date or Letter of Credit Date.</i>						
2379		Date/time/period format qualifier	C	an	1/3	Used
<b>Description:</b> Specification of the representation of a date, a date and time or of a period.						
		<u>Code</u>		<u>Name</u>		
		102		CCYYMMDD		

### Note:

*Example EDI:  
DTM+137:20080831:102*

# NAD NAME AND ADDRESS

Pos: 0090	Max: 1
Mandatory	
Group: 2	Elements: 3

**User Option (Usage):** Must use

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 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	<b>Party qualifier</b>	M	an	1/3	Used
		<b>Description:</b> Code giving specific meaning to a party.				
		<u>Code</u>		<u>Name</u>		
		SU		Supplier		
NAD020	C082	<b>PARTY IDENTIFICATION DETAILS</b>	C	Comp		Used
		<b>Description:</b> Identification of a transaction party by code.				
	3039	<b>Party id. identification</b>	M	an	1/35	Used
		<b>Description:</b> Code identifying a party involved in a transaction.				
		<b>Note:</b> <i>Cummins will provide the correct number for use.</i>				
	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
		<u>Code</u>		<u>Name</u>		
		16		DUNS (Dun & Bradstreet)		
		92		Assigned by buyer or buyer's agent		
NAD040	C080	<b>PARTY NAME</b>	C	Comp		Used
		<b>Description:</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.				
	3036	<b>Party name</b>	M	an	1/35	Used
		<b>Description:</b> Name of a party involved in a transaction.				

### Note:

*EDI Example:*

*NAD+SU+987654321::16++EXAMPLE SUPPLIER*

# GIS GENERAL INDICATOR

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

**User Option (Usage):** Must use

To transmit a processing indicator.

## 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>
GIS010	C529	PROCESSING INDICATOR	M	Comp		Used

**Description:** Type of process indication.

7365		Processing indicator, coded	M	an	1/3	Used
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**Description:** Identifies the value to be attributed to indicators required by the processing system.

**Note:** When BGM 1225 = 4, the value will be 36.

When BGM 1225 = 5, the value will be 37.

<u>Code</u>	<u>Name</u>
36	Changed information
37	Complete information

### Note:

Example EDI:  
GIS+37

# NAD NAME AND ADDRESS

Pos: 0220	Max: 1
Mandatory	
Group: 7	Elements: 8

**User Option (Usage):** Must use

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 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	<b>Party qualifier</b>	M	an	1/3	Used
		<b>Description:</b> Code giving specific meaning to a party.				
		<u>Code</u>		<u>Name</u>		
		BY		Buyer		
		ST		Ship to		
NAD020	C082	<b>PARTY IDENTIFICATION DETAILS</b>	C	Comp		Used
		<b>Description:</b> Identification of a transaction party by code.				
	3039	<b>Party id. identification</b>	M	an	1/35	Used
		<b>Description:</b> Code identifying a party involved in a transaction.				
		<b>Note:</b> <i>Cummins Plant DUNS number.</i>				
	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
		<u>Code</u>		<u>Name</u>		
		16		DUNS (Dun & Bradstreet)		
NAD040	C080	<b>PARTY NAME</b>	C	Comp		Used
		<b>Description:</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.				
	3036	<b>Party name</b>	M	an	1/35	Used
		<b>Description:</b> Name of a party involved in a transaction.				
NAD050	C059	<b>STREET</b>	C	Comp		Used
		<b>Description:</b> Street address and/or PO Box number in a structured address: one to three lines.				
	3042	<b>Street and number/p.o. box</b>	M	an	1/35	Used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
	3042	<b>Street and number/p.o. box</b>	C	an	1/35	Used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
	3042	<b>Street and number/p.o. box</b>	C	an	1/35	Used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
NAD060	3164	<b>City name</b>	C	an	1/35	Used
		<b>Description:</b> Name of a city (a town, a village) for addressing purposes.				

NAD070	3229	<b>Country sub-entity identification</b>	C	an	1/9	Used
		<b>Description:</b> Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.				
NAD080	3251	<b>Postcode identification</b>	C	an	1/9	Used
		<b>Description:</b> Code defining postal zones or addresses.				
NAD090	3207	<b>Country, coded</b>	C	an	1/3	Used
		<b>Description:</b> Identification of the name of a country or other geographical entity as specified in ISO 3166.				

**Note:**

*For component part schedules, this NAD segment will identify the ship to location (element 3035 = ST) of the plant ordering the material.*

*For ship direct engine schedules, this NAD segment will identify the ordering/buying plant (element 3035 = BY).*

**Note:**

*Example EDI:*

*NAD+ST+123456789::16++CUMMINS EXAMPLE PLANT+EXAMPLE REC LOC 001+COLUMBUS++47201*

<b>LIN</b>	<b>LINE ITEM</b>	<b>Pos: 0380</b>	<b>Max: 1</b>
		<b>Mandatory</b>	
		<b>Group: 12</b>	<b>Elements: 2</b>

**User Option (Usage):** Must use

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>
LIN010	1082	Line item number	C	an	1/6	Used
<b>Description:</b> Serial number designating each separate item within a series of articles.						
<b>Note:</b> This is a sequential number that will begin with "1", and will be incremented by "1", for each LIN segment created.						
LIN030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used
<b>Description:</b> Goods identification for a specified source.						
	7140	Item number	C	an	1/35	Used
<b>Description:</b> A number allocated to a group or item.						
<b>Note:</b> Cummins Part Number.						
	7143	Item number type, coded	C	an	1/3	Used
<b>Description:</b> Identification of the type of item number.						
		<u>Code</u>		<u>Name</u>		
		IN		Buyer's item number		

**Note:**

Example EDI:  
LIN+1++11111:IN

# IMD ITEM DESCRIPTION

Pos: 0400	Max: 10
Conditional	
Group: 12	Elements: 2

**User Option (Usage):** Used

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>
IMD010	7077	<b>Item description type, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code indicating the format of a description.				
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
IMD030	C273	<b>ITEM DESCRIPTION</b>	C	Comp		Used
		<b>Description:</b> Description of an item.				
	7008	<b>Item description</b>	C	an	1/35	Used
		<b>Description:</b> Plain language description of articles or products.				

### Note:

*Example EDI:*  
 IMD+F+::ENGINE

# LOC PLACE/LOCATION IDENTIFICATION

Pos: 0450	Max: 999
Conditional	
Group: 12	Elements: 2

User Option (Usage): Used

To identify a country/place/location/related location one/related location two.

## 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>
LOC010	3227	Place/location qualifier	M	an	1/3	Used
<b>Description:</b> Code identifying the function of a location.						
		<u>Code</u>	<u>Name</u>			
		7	Place of delivery			
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		Used
<b>Description:</b> Identification of a location by code or name.						
<b>Note:</b> Cummins uses the plant receiving location (dock).						
	3225	Place/location identification	C	an	1/25	Used
<b>Description:</b> Identification of the name of place/location, other than 3164 City name.						
<b>Note:</b> Cummins uses the Plant Receiving Location number (3 digit number).						

### Note:

Example EDI:  
LOC+7+001

# RFF REFERENCE

Pos: 0490	Max: 1
Mandatory	
Group: 13	Elements: 1

**User Option (Usage):** Must use

To specify a reference.

## 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>
RFF010	C506	REFERENCE	M	Comp		Used

**Description:** Identification of a reference.

1153	Reference qualifier	M	an	1/3	Used
------	---------------------	---	----	-----	------

**Description:** Code giving specific meaning to a reference segment or a reference number.

<u>Code</u>	<u>Name</u>
ON	Order number (purchase)
AAL	Drawing number
AEQ	Drawing list number

1154	Reference number	C	an	1/35	Used
------	------------------	---	----	------	------

**Description:** Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**Note:** If RFF 1153 = ON, this will be the Cummins Purchase Order Number.  
 IF RFF 1153 = AAL, this will be the Cummins Drawing Number.  
 If RFF 1153 = AEQ, this will be the Cummins Drawing Revision Number.

### Note:

Example EDI:  
 RFF+ON:12345

# QTY QUANTITY

Pos: 0550	Max: 1
Mandatory	
Group: 15	Elements: 1

**User Option (Usage):** Must use

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	<b>QUANTITY DETAILS</b>	M	Comp		Used
		<b>Description:</b> Quantity information in a transaction, qualified when relevant.				
	6063	<b>Quantity qualifier</b>	M	an	1/3	Used
		<b>Description:</b> Code giving specific meaning to a quantity.				
		<u>Code</u>		<u>Name</u>		
		3		Cumulative quantity		
		48		Received quantity		
	6060	<b>Quantity</b>	M	n	1/15	Used
		<b>Description:</b> Numeric value of a quantity.				
		<b>Note:</b> <i>If QTY 6063 = 3, the value will be the YTD quantity received.</i>				
		<i>If QTY 6063 = 48, the value will be the last receipt quantity.</i>				
	6411	<b>Measure unit qualifier</b>	C	an	1/3	Used
		<b>Description:</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				

### Note:

Example EDI:  
 QTY+48:1000:EA  
 QTY+3:5500:EA

# DTM DATE/TIME/PERIOD

Pos: 0560	Max: 2
Conditional	
Group: 15	Elements: 1

**User Option (Usage):** Used

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		Used
<b>Description:</b> Date and/or time, or period relevant to the specified date/time/period type.						
2005		Date/time/period qualifier	M	an	1/3	Used
<b>Description:</b> Code giving specific meaning to a date, time or period.						
		<u>Code</u>		<u>Name</u>		
		50		Goods receipt date/time		
		51		Cumulative quantity start date		
		52		Cumulative quantity end date		
2380		Date/time/period	C	an	1/35	Used
<b>Description:</b> The value of a date, a date and time, a time or of a period in a specified representation.						
<b>Note:</b> If DTM 2005 = 50, this value will be the Last Receipt Date.						
If DTM 2005 = 51, this value will the YTD Start Date.						
If DTM 2005 = 52, this value will be the YTD Stop Date.						
2379		Date/time/period format qualifier	C	an	1/3	Used
<b>Description:</b> Specification of the representation of a date, a date and time or of a period.						
		<u>Code</u>		<u>Name</u>		
		102		CCYYMMDD		

### Note:

Example EDI:  
 DTM+50:20080827:102  
 DTM+51:20080101:102  
 DTM+52:20080901:102

# RFF REFERENCE

Pos: 0580	Max: 1
Mandatory	
Group: 16	Elements: 1

**User Option (Usage):** Must use

To specify a reference.

## 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>
RFF010	C506	REFERENCE	M	Comp		Used

**Description:** Identification of a reference.

1153		Reference qualifier	M	an	1/3	Used
------	--	---------------------	---	----	-----	------

**Description:** Code giving specific meaning to a reference segment or a reference number.

<u>Code</u>	<u>Name</u>
SI	SID (Shipper's identifying number for shipment)

1154		Reference number	C	an	1/35	Used
------	--	------------------	---	----	------	------

**Description:** Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**Note:** Last Shipment ID Number (SID) or Last Despatch Note Number.

### Note:

Example EDI:  
RFF+SI:1234567

# SCC SCHEDULING CONDITIONS

Pos: 0610	Max: 1
Mandatory	
Group: 17	Elements: 2

**User Option (Usage):** Must use

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	<b>Delivery plan status indicator, coded</b>	M	an	1/3	Used
<b>Description:</b> Code indicating the level of commitment of schedule information.						
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		1	Firm			
		4	Planning/forecast			
		10	Immediate			
		15	First time reported firm			
SCC030	C329	<b>PATTERN DESCRIPTION</b>	C	Comp		Used
<b>Description:</b> Shipment, delivery or production interval pattern and timing.						
	2013	<b>Frequency, coded</b>	C	an	1/3	Used
<b>Description:</b> Code specifying interval grouping of the delivery, production, etc. of the schedule.						
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		D	Discrete			

**Note:**

*Example EDI:*  
 SCC+1++D  
 SCC+4++D

# QTY QUANTITY

Pos: 0630      Max: 1  
 Mandatory  
 Group: 18      Elements: 1

**User Option (Usage):** Must use

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	<b>QUANTITY DETAILS</b>	M	Comp		Used

**Description:** Quantity information in a transaction, qualified when relevant.

6063		<b>Quantity qualifier</b>	M	an	1/3	Used
------	--	---------------------------	---	----	-----	------

**Description:** Code giving specific meaning to a quantity.

<u>Code</u>	<u>Name</u>
1	Discrete quantity

6060		<b>Quantity</b>	M	n	1/15	Used
------	--	-----------------	---	---	------	------

**Description:** Numeric value of a quantity.

6411		<b>Measure unit qualifier</b>	C	an	1/3	Used
------	--	-------------------------------	---	----	-----	------

**Description:** Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

**Note:** *The list of allowable codes is extensive. Some of the more commonly used codes are as follows:*

<u>Code</u>	<u>Name</u>
EA	Each
FT	Foot
GA	Gallon
KG	Kilogram
LB	Pound
LT	Liter
QT	Quart
PCE	Piece

### Note:

*Example EDI:  
 QTY+1:2000*

# DTM DATE/TIME/PERIOD

Pos: 0640	Max: 2
Conditional	
Group: 18	Elements: 1

**User Option (Usage):** Used

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		Used
<b>Description:</b> Date and/or time, or period relevant to the specified date/time/period type.						
2005		Date/time/period qualifier	M	an	1/3	Used
<b>Description:</b> Code giving specific meaning to a date, time or period.						
		<u>Code</u>		<u>Name</u>		
		2		Delivery date/time, requested		
2380		Date/time/period	C	an	1/35	Used
<b>Description:</b> The value of a date, a date and time, a time or of a period in a specified representation.						
<b>Note:</b> <i>Date Delivery Requested.</i>						
2379		Date/time/period format qualifier	C	an	1/3	Used
<b>Description:</b> Specification of the representation of a date, a date and time or of a period.						
		<u>Code</u>		<u>Name</u>		
		102		CCYYMMDD		

### Note:

Example EDI:  
DTM+2:20080905:102

# RFF REFERENCE

Pos: 0660	Max: 1
Mandatory	
Group: 19	Elements: 1

**User Option (Usage):** Must use

To specify a reference.

## 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>
RFF010	C506	REFERENCE	M	Comp		Used
<b>Description:</b> Identification of a reference.						
	1153	Reference qualifier	M	an	1/3	Used
<b>Description:</b> Code giving specific meaning to a reference segment or a reference number.						
		<u>Code</u>		<u>Name</u>		
		RE		Release number		
	1154	Reference number	C	an	1/35	Used
<b>Description:</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.						

**Note:**

*This segment will only be used by those Cummins plants that require a release number assigned to each scheduled quantity and date.*

**Note:**

*Example EDI:  
RFF+RE:7654321*

# UNT MESSAGE TRAILER

Pos: 1030	Max: 1
Mandatory	
Group: N/A	Elements: 2

**User Option (Usage):** Used

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	<b>Number of segments in a message</b>	M	n	1/6	Used
		<b>Description:</b> Control count of number of segments in a message.				
UNT020	0062	<b>Message reference number</b>	M	an	1/14	Used
		<b>Description:</b> Unique message reference assigned by the sender.				

### Note:

*Example EDI:*  
UNT+66+1

# UNZ INTERCHANGE TRAILER

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

**User Option (Usage):** Must use

To end and check the completeness of an interchange.

## 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>
UNZ010	0036	<b>Interchange control count</b>	M	n	1/6	Must use
		<b>Description:</b> Count either of the number of messages or, if used, of the number of functional groups in an interchange.				
UNZ020	0020	<b>Interchange control reference</b>	M	an	1/14	Must use
		<b>Description:</b> Unique reference assigned by the sender to an interchange.				

### Note:

*Example EDI:*  
UNZ+1+11