

# DELFOR Delivery Schedule Message

## Introduction:

A message from buyer to supplier giving product requirements regarding details for short term delivery instructions and/or medium to long term product/service forecast for planning purposes according to conditions set out in a contract or order. The message can be used to authorize the commitment of labour and materials resources.

## Heading Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
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		
	0040		Segment Group 1: RFF-DTM	C		10	
Must Use	0050	RFF	Reference	M	1		
Not Used	0060	DTM	Date/Time/Period	C	1		
	0070		Segment Group 2: NAD-LOC-SG3	C		20	
Must Use	0080	NAD	Name and Address	M	1		
Not Used	0090	LOC	Place/Location Identification	C	10		
Not Used	0100		Segment Group 3: CTA-COM	C		5	
Not Used	0110	CTA	Contact Information	M	1		
Not Used	0120	COM	Communication Contact	C	5		

## Section Control:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Must Use	0130	UNS	Section Control	M	1		

## Detail Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0140		Segment Group 4: NAD-LOC-FTX-SG5-SG6-SG7-SG8	C		500	
Must Use	0150	NAD	Name and Address	M	1		
	0160	LOC	Place/Location Identification	C	10		
Not Used	0170	FTX	Free Text	C	5		
Not Used	0180		Segment Group 5: DOC-DTM	C		10	
Not Used	0190	DOC	Document/Message Details	M	1		
Not Used	0200	DTM	Date/Time/Period	C	10		
Not Used	0210		Segment Group 6: CTA-COM	C		5	
Not Used	0220	CTA	Contact Information	M	1		
Not Used	0230	COM	Communication Contact	C	5		

Not Used	0240		Segment Group 7: TDT-DTM	C		10
Not Used	0250	TDT	Details of Transport	M	1	
Not Used	0260	DTM	Date/Time/Period	C	5	
	0270		Segment Group 8: LIN-PIA-IMD-MEA-ALI -GIN-GIR-LOC-DTM-FTX-SG9-SG10-SG11 -SG12-SG14	C		9999
Must Use	0280	LIN	Line Item	M	1	
	0290	PIA	Additional Product Id	C	10	
Not Used	0300	IMD	Item Description	C	10	
Not Used	0310	MEA	Measurements	C	5	
Not Used	0320	ALI	Additional Information	C	5	
Not Used	0330	GIN	Goods Identity Number	C	100	
Not Used	0340	GIR	Related Identification Numbers	C	100	
Not Used	0350	LOC	Place/Location Identification	C	100	
Not Used	0360	DTM	Date/Time/Period	C	5	
Not Used	0370	FTX	Free Text	C	5	
Not Used	0380		Segment Group 9: CTA-COM	C		5
Not Used	0390	CTA	Contact Information	M	1	
Not Used	0400	COM	Communication Contact	C	5	
	0410		Segment Group 10: RFF-DTM	C		10
Must Use	0420	RFF	Reference	M	1	
Not Used	0430	DTM	Date/Time/Period	C	1	
Not Used	0440		Segment Group 11: TDT-DTM	C		10
Not Used	0450	TDT	Details of Transport	M	1	
Not Used	0460	DTM	Date/Time/Period	C	5	
	0470		Segment Group 12: QTY-SCC-DTM-SG13	C		200
Must Use	0480	QTY	Quantity	M	1	
	0490	SCC	Scheduling Conditions	C	1	
	0500	DTM	Date/Time/Period	C	2	
	0510		Segment Group 13: RFF-DTM	C		10
Must Use	0520	RFF	Reference	M	1	
Not Used	0530	DTM	Date/Time/Period	C	1	
Not Used	0540		Segment Group 14: PAC-MEA-QTY-DTM -SG15-SG16	C		50
Not Used	0550	PAC	Package	M	1	
Not Used	0560	MEA	Measurements	C	10	
Not Used	0570	QTY	Quantity	C	5	
Not Used	0580	DTM	Date/Time/Period	C	5	
Not Used	0590		Segment Group 15: PCI-GIN	C		10
Not Used	0600	PCI	Package Identification	M	1	
Not Used	0610	GIN	Goods Identity Number	C	10	
Not Used	0620		Segment Group 16: QVR-DTM-SG17	C		10
Not Used	0630	QVR	Quantity Variances	M	1	
Not Used	0640	DTM	Date/Time/Period	C	5	
Not Used	0650		Segment Group 17: 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 18: LIN-PIA-IMD-MEA -ALI-GIN-GIR-DTM-FTX-SG19-SG20-SG22 -SG24	C		9999			
Not Used	0690	LIN	Line Item	M	1				
Not Used	0700	PIA	Additional Product Id	C	10				
Not Used	0710	IMD	Item Description	C	10				
Not Used	0720	MEA	Measurements	C	5				
Not Used	0730	ALI	Additional Information	C	5				
Not Used	0740	GIN	Goods Identity Number	C	100				
Not Used	0750	GIR	Related Identification Numbers	C	100				
Not Used	0760	DTM	Date/Time/Period	C	5				
Not Used	0770	FTX	Free Text	C	5				
Not Used	0780		Segment Group 19: RFF-DTM	C		10			
Not Used	0790	RFF	Reference	M	1				
Not Used	0800	DTM	Date/Time/Period	C	1				
Not Used	0810		Segment Group 20: QTY-SCC-DTM-SG21	C		50			
Not Used	0820	QTY	Quantity	M	1				
Not Used	0830	SCC	Scheduling Conditions	C	1				
Not Used	0840	DTM	Date/Time/Period	C	2				
Not Used	0850		Segment Group 21: RFF-DTM	C		10			
Not Used	0860	RFF	Reference	M	1				
Not Used	0870	DTM	Date/Time/Period	C	1				
Not Used	0880		Segment Group 22: PAC-MEA-QTY-DTM -SG23	C		10			
Not Used	0890	PAC	Package	M	1				
Not Used	0900	MEA	Measurements	C	10				
Not Used	0910	QTY	Quantity	C	5				
Not Used	0920	DTM	Date/Time/Period	C	5				
Not Used	0930		Segment Group 23: PCI-GIN	C		10			
Not Used	0940	PCI	Package Identification	M	1				
Not Used	0950	GIN	Goods Identity Number	C	10				
Not Used	0960		Segment Group 24: NAD-LOC-FTX-SG25 -SG26-SG27-SG29-SG31	C		500			
Not Used	0970	NAD	Name and Address	M	1				
Not Used	0980	LOC	Place/Location Identification	C	10				
Not Used	0990	FTX	Free Text	C	5				
Not Used	1000		Segment Group 25: DOC-DTM	C		10			
Not Used	1010	DOC	Document/Message Details	M	1				
Not Used	1020	DTM	Date/Time/Period	C	1				
Not Used	1030		Segment Group 26: CTA-COM	C		5			
Not Used	1040	CTA	Contact Information	M	1				
Not Used	1050	COM	Communication Contact	C	5				
Not Used	1060		Segment Group 27: QTY-SCC-DTM-SG28	C		50			
Not Used	1070	QTY	Quantity	M	1				

Not Used	1080	SCC	Scheduling Conditions	C	1	
Not Used	1090	DTM	Date/Time/Period	C	2	
Not Used	1100		Segment Group 28: RFF-DTM	C	10	
Not Used	1110	RFF	Reference	M	1	
Not Used	1120	DTM	Date/Time/Period	C	1	
Not Used	1130		Segment Group 29: QVR-DTM-SG30	C	10	
Not Used	1140	QVR	Quantity Variances	M	1	
Not Used	1150	DTM	Date/Time/Period	C	5	
Not Used	1160		Segment Group 30: RFF-DTM	C	10	
Not Used	1170	RFF	Reference	M	1	
Not Used	1180	DTM	Date/Time/Period	C	1	
Not Used	1190		Segment Group 31: TDT-DTM	C	10	
Not Used	1200	TDT	Details of Transport	M	1	
Not Used	1210	DTM	Date/Time/Period	C	5	

### Section Control:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Must Use	1220	UNS	Section Control	M	1		

### Summary Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Not Used	1230	CNT	Control Total	C	5		
Not Used	1240	FTX	Free Text	C	5		
Must Use	1250	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 must contain the following data in segment UNH, composite S009:  
Data element 0065 DELFOR 0052 D 0054 96A 0051  
UN

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	<b>M an..14</b>
>>	S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	<b>M</b>
>>		0065	<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. DELFOR Delivery schedule message Message from buyer to supplier giving product requirements regarding details for short term delivery instructions and/or medium to long term product/service forecast for planning purposes according to conditions set out in a contract or order. The message can be used to authorize the commitment of labour and materials resources.	<b>M an..6</b>
>>		0052	<b>Message type version number</b> Version number of a message type.	<b>M an..3</b>
>>		0054	<b>Message type release number</b> Release number within the current message type version number (0052).	<b>M an..3</b>
>>		0051	<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE),	<b>M an..2</b>

Working Party on facilitation of international trade procedures (WP.4).

	<b>0057</b>	<b>Association assigned code</b>	<b>C an..6</b>
		Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	
<b>X</b>	<b>0068</b>	<b>COMMON ACCESS REFERENCE</b>	<b>C an..35</b>
		Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	
<b>X</b>	<b>S010</b>	<b>STATUS OF THE TRANSFER</b>	<b>C</b>
		Statement that the message is one in a sequence of transfers relating to the same topic.	
<b>X</b>	<b>0070</b>	<b>Sequence message transfer number</b>	<b>M n..2</b>
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	
<b>X</b>	<b>0073</b>	<b>First/last sequence message transfer indication</b>	<b>C a1</b>
		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.96A Data Element Dictionary for acceptable code values.	

**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for the unique identification of the delivery schedule document, by means of its name and its number.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b> Identification of a type of document/message by code or name. Code preferred.	<b>C</b>
	<b>1001</b>	<b>Document/message name, coded</b> Document/message identifier expressed in code. 241 Delivery schedule Usage of DELFOR-message.	<b>C an..3</b>
<b>X</b>	<b>1131</b>	<b>Code list qualifier</b> Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
<b>X</b>	<b>3055</b>	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
<b>X</b>	<b>1000</b>	<b>Document/message name</b> Plain language identifier specifying the function of a document/message.	<b>C an..35</b>
	<b>1004</b>	<b>DOCUMENT/MESSAGE NUMBER</b> Reference number assigned to the document/message by the issuer.	<b>C an..35</b>
	<b>1225</b>	<b>MESSAGE FUNCTION, CODED</b> Code indicating the function of the message. 5 Replace Message replacing a previous message.	<b>C an..3</b>
<b>X</b>	<b>4343</b>	<b>RESPONSE TYPE, CODED</b> Code specifying the type of acknowledgement required or transmitted. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 10  
**Purpose:** A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the Delivery Schedule document date.  
The date/time/period segment within other Segment group should be used whenever the date/time/period is logically related to another specified data item.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>> C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
>>	<b>2005</b>	<b>Date/time/period qualifier</b>	<b>M an..3</b>
		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.	
		323 Horizon period Period forming a (planning) horizon.	
	<b>2380</b>	<b>Date/time/period</b>	<b>C an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format qualifier</b>	<b>C an..3</b>
		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.	
		711 CCYYMMDD-CCYYMMDD Format of period to be given in actual message without hyphen.	



**Group:** **RFF** Segment Group 1: Reference  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments giving references relevant to the whole message, e.g. contract number.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
Must Use	0050	RFF	Reference	M	1	

**Segment:** **RFF** Reference  
**Position:** 0050 (Trigger Segment)  
**Group:** Segment Group 1 (Reference)      Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for referencing documents relating to the whole Delivery Schedule Message, e.g. contract, import/export license.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	<b>C506</b>		<b>REFERENCE</b> Identification of a reference.	<b>M</b>
>>		<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number. ON                      Order number (purchase) [1022] Reference number assigned by the buyer to an order.	<b>M an..3</b>
		<b>1154</b>	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>
<b>X</b>		<b>1156</b>	<b>Line number</b> Number of the line in the document/message referenced in 1154 Reference number.	<b>C an..6</b>
<b>X</b>		<b>4000</b>	<b>Reference version number</b> To uniquely identify a reference by its revision number.	<b>C an..35</b>

**Group:** **NAD** Segment Group 2: Name and Address  
**Position:** 0070  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 20  
**Purpose:** A group of segments identifying names, addresses, locations, and contacts relevant to the whole Delivery Schedule.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
Must Use	0080	NAD	Name and Address	M	1	

**Segment:** **NAD** Name and Address

**Position:** 0080 (Trigger Segment)

**Group:** Segment Group 2 (Name and Address) Conditional (Optional)

**Level:** 1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment for identifying names and addresses and their functions relevant for the whole Delivery Schedule. Identification of the seller and buyer parties is recommended for the Delivery Schedule message. Exception: the identification of the recipient of the goods must be given in the NAD segment in the detail section when required.

It is recommended that where possible only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	<b>M an..3</b>
			MI Planning schedule/material release issuer	
			SF Ship from Identification of the party from where goods will be or have been shipped.	
			SU Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	
	C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C</b>
>>	3039		<b>Party id. identification</b> Code identifying a party involved in a transaction.	<b>M an..35</b>
X	1131		<b>Code list qualifier</b> Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
	3055		<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	<b>C an..3</b>
		16	DUNS (Dun & Bradstreet)	
X	C058		<b>NAME AND ADDRESS</b>	<b>C</b>

		Unstructured name and address: one to five lines.	
X		<b>3124 Name and address line</b>	<b>M an..35</b>
		Free form name and address description.	
X		<b>3124 Name and address line</b>	<b>C an..35</b>
		Free form name and address description.	
X		<b>3124 Name and address line</b>	<b>C an..35</b>
		Free form name and address description.	
X		<b>3124 Name and address line</b>	<b>C an..35</b>
		Free form name and address description.	
X	<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>
		Identification of a transaction party by name, one to five lines. Party name may be formatted.	
X		<b>3036 Party name</b>	<b>M an..35</b>
		Name of a party involved in a transaction.	
X		<b>3036 Party name</b>	<b>C an..35</b>
		Name of a party involved in a transaction.	
X		<b>3036 Party name</b>	<b>C an..35</b>
		Name of a party involved in a transaction.	
X		<b>3036 Party name</b>	<b>C an..35</b>
		Name of a party involved in a transaction.	
X		<b>3036 Party name</b>	<b>C an..35</b>
		Name of a party involved in a transaction.	
X		<b>3045 Party name format, coded</b>	<b>C an..3</b>
		Specification of the representation of a party name.	
		Refer to D.96A Data Element Dictionary for acceptable code values.	
X	<b>C059</b>	<b>STREET</b>	<b>C</b>
		Street address and/or PO Box number in a structured address: one to three lines.	
X		<b>3042 Street and number/p.o. box</b>	<b>M an..35</b>
		Street and number in plain language, or Post Office Box No.	
X		<b>3042 Street and number/p.o. box</b>	<b>C an..35</b>
		Street and number in plain language, or Post Office Box No.	
X		<b>3042 Street and number/p.o. box</b>	<b>C an..35</b>
		Street and number in plain language, or Post Office Box No.	
X		<b>3042 Street and number/p.o. box</b>	<b>C an..35</b>
		Street and number in plain language, or Post Office Box No.	
X	<b>3164</b>	<b>CITY NAME</b>	<b>C an..35</b>
		Name of a city (a town, a village) for addressing purposes.	

<b>X</b>	<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C an..9</b>
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	
<b>X</b>	<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C an..9</b>
		Code defining postal zones or addresses.	
<b>X</b>	<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C an..3</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.	

**Segment:** **UNS** Section Control  
**Position:** 0130  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment placed at the start of the detail section to avoid segment collision. The detail section consists of two main Segment groups: Segment group 4 and Segment group 18. The use of one of the Segment groups assumes that the other group will not be used. There are two methods of conveying Product Delivery forecast information. First method is by delivery point (Segment groups 4-17), the second is product driven (Segment group 18-31).

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	0081		SECTION IDENTIFIER	M a1
			A character identifying the next section in a message.	
		D	Header/detail section separation	
			To qualify the segment UNS, when separating the header from the detail section of a message.	

**Group:** **NAD** Segment Group 4: Name and Address  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 500  
**Purpose:** A group containing delivery names and addresses, related information and details of line items to be consigned to the delivery points.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
Must Use	0150	NAD	Name and Address	M	1	
	0160	LOC	Place/Location Identification	C	10	
	0270		Segment Group 8: Line Item	C		9999



**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** Segment Group 4 (Name and Address) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for identifying names and addresses and their functions relevant to the delivery point.  
All other segments in this segment group 4 following the NAD segment refer to that delivery point.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>
>>	<b>3035</b>		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	<b>M an..3</b>
			ST Ship to Identification of the party to where goods will be or have been shipped.	
	<b>C082</b>		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C</b>
>>		<b>3039</b>	<b>Party id. identification</b> Code identifying a party involved in a transaction.	<b>M an..35</b>
X		<b>1131</b>	<b>Code list qualifier</b> Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
		<b>3055</b>	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	<b>C an..3</b>
			16 DUNS (Dun & Bradstreet)	
X	<b>C058</b>		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	<b>C</b>
X		<b>3124</b>	<b>Name and address line</b> Free form name and address description.	<b>M an..35</b>
X		<b>3124</b>	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>
X		<b>3124</b>	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>
X		<b>3124</b>	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>

X	3124	<b>Name and address line</b>	C an..35
		Free form name and address description.	
	C080	<b>PARTY NAME</b>	C
		Identification of a transaction party by name, one to five lines. Party name may be formatted.	
>>	3036	<b>Party name</b>	M an..35
		Name of a party involved in a transaction.	
	3036	<b>Party name</b>	C an..35
		Name of a party involved in a transaction.	
	3036	<b>Party name</b>	C an..35
		Name of a party involved in a transaction.	
	3036	<b>Party name</b>	C an..35
		Name of a party involved in a transaction.	
	3036	<b>Party name</b>	C an..35
		Name of a party involved in a transaction.	
	3045	<b>Party name format, coded</b>	C an..3
		Specification of the representation of a party name.	
		Refer to D.96A Data Element Dictionary for acceptable code values.	
	C059	<b>STREET</b>	C
		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..35
		Street and number in plain language, or Post Office Box No.	
	3042	<b>Street and number/p.o. box</b>	C an..35
		Street and number in plain language, or Post Office Box No.	
	3042	<b>Street and number/p.o. box</b>	C an..35
		Street and number in plain language, or Post Office Box No.	
	3042	<b>Street and number/p.o. box</b>	C an..35
		Street and number in plain language, or Post Office Box No.	
	3164	<b>CITY NAME</b>	C an..35
		Name of a city (a town, a village) for addressing purposes.	
	3229	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	C an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	
	3251	<b>POSTCODE IDENTIFICATION</b>	C an..9
		Code defining postal zones or addresses.	
	3207	<b>COUNTRY, CODED</b>	C an..3
		Identification of the name of a country or other geographical entity as specified in ISO 3166.	

**Segment:** **LOC** **Place/Location Identification**  
**Position:** 0160  
**Group:** Segment Group 4 (Name and Address) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment identifying a specific location to which product, as specified in the LIN -Segment groups, should be delivered.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	3227		<b>PLACE/LOCATION QUALIFIER</b> Code identifying the function of a location.	<b>M an..3</b>
		11	Place/port of discharge (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.	
	<b>C517</b>		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	<b>C</b>
		3225	<b>Place/location identification</b> Identification of the name of place/location, other than 3164 City name.	<b>C an..25</b>
X		1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
X		3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
X		3224	<b>Place/location</b> Name of place/location, other than 3164 City name.	<b>C an..70</b>
X	<b>C519</b>		<b>RELATED LOCATION ONE IDENTIFICATION</b> Identification the first related location by code or name.	<b>C</b>
X		3223	<b>Related place/location one identification</b> Specification of the first related place/location by code.	<b>C an..25</b>
X		1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
X		3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>

			Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		3222	<b>Related place/location one</b>	C an..70
			Specification of the first related place/location by name.	
X	C553		<b>RELATED LOCATION TWO IDENTIFICATION</b>	C
			Identification of second related location by code or name.	
X		3233	<b>Related place/location two identification</b>	C an..25
			Specification of a second related place/location by code.	
X		1131	<b>Code list qualifier</b>	C an..3
			Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		3055	<b>Code list responsible agency, coded</b>	C an..3
			Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		3232	<b>Related place/location two</b>	C an..70
			Specification of a second related place/location by name.	
X	5479		<b>RELATION, CODED</b>	C an..3
			To specify the relationship between two or more items.	

**Group:** **LIN** Segment Group 8: Line Item  
**Position:** 0270  
**Group:** Segment Group 4 (Name and Address) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9999  
**Purpose:** A group of segments providing details of the individual line items for the specified delivery point.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
Must Use	0280	LIN	Line Item	M	1	
	0290	PIA	Additional Product Id	C	10	
	0410		Segment Group 10: Reference	C		10
	0470		Segment Group 12: Quantity	C		200

**Segment:** **LIN** Line Item  
**Position:** 0280 (Trigger Segment)  
**Group:** Segment Group 8 (Line Item) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
X	1082		<b>LINE ITEM NUMBER</b> Serial number designating each separate item within a series of articles.	C n..6
X	1229		<b>ACTION REQUEST/NOTIFICATION, CODED</b> Code specifying the action to be taken or already taken. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
	C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C
		7140	<b>Item number</b> A number allocated to a group or item.	C an..35
		7143	<b>Item number type, coded</b> Identification of the type of item number. IN Buyer's item number	C an..3
X		1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
X		3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
X	C829		<b>SUB-LINE INFORMATION</b> To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.	C
X		5495	<b>Sub-line indicator, coded</b> Indication that the segment and/or segment group is used for sub-line item information. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3

<b>X</b>	<b>1082</b>	<b>Line item number</b>	<b>C n..6</b>
		Serial number designating each separate item within a series of articles.	
<b>X</b>	<b>1222</b>	<b>CONFIGURATION LEVEL</b>	<b>C n..2</b>
		Number indicating the level of an object which is in a hierarchy.	
<b>X</b>	<b>7083</b>	<b>CONFIGURATION, CODED</b>	<b>C an..3</b>
		Code indicating the status of the sub-line item in the configuration.	
		Refer to D.96A Data Element Dictionary for acceptable code values.	

**Segment:** **PIA** Additional Product Id  
**Position:** 0290  
**Group:** Segment Group 8 (Line Item) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment providing additional product identification.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	4347		<b>PRODUCT ID. FUNCTION QUALIFIER</b> Indication of the function of the product code.	<b>M an..3</b>
		1	Additional identification Information which specifies and qualifies product identifications.	
>>	C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	<b>M</b>
		7140	<b>Item number</b> A number allocated to a group or item.	<b>C an..35</b>
		7143	<b>Item number type, coded</b> Identification of the type of item number.	<b>C an..3</b>
		EC	Engineering change level Reference number indicating that a change or revision has been applied to an article's specification.	
X		1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
X		3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
X	C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	<b>C</b>
X		7140	<b>Item number</b> A number allocated to a group or item.	<b>C an..35</b>
X		7143	<b>Item number type, coded</b> Identification of the type of item number. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>



X		<b>1131 Code list qualifier</b>	<b>C an..3</b>
		Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		<b>3055 Code list responsible agency, coded</b>	<b>C an..3</b>
		Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X	<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>
		Goods identification for a specified source.	
X		<b>7140 Item number</b>	<b>C an..35</b>
		A number allocated to a group or item.	
X		<b>7143 Item number type, coded</b>	<b>C an..3</b>
		Identification of the type of item number. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		<b>1131 Code list qualifier</b>	<b>C an..3</b>
		Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		<b>3055 Code list responsible agency, coded</b>	<b>C an..3</b>
		Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X	<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>
		Goods identification for a specified source.	
X		<b>7140 Item number</b>	<b>C an..35</b>
		A number allocated to a group or item.	
X		<b>7143 Item number type, coded</b>	<b>C an..3</b>
		Identification of the type of item number. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		<b>1131 Code list qualifier</b>	<b>C an..3</b>
		Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		<b>3055 Code list responsible agency, coded</b>	<b>C an..3</b>
		Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	
X	<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>
		Goods identification for a specified source.	
X		<b>7140 Item number</b>	<b>C an..35</b>
		A number allocated to a group or item.	
X		<b>7143 Item number type, coded</b>	<b>C an..3</b>
		Identification of the type of item number. Refer to D.96A Data Element Dictionary for acceptable code values.	
X		<b>1131 Code list qualifier</b>	<b>C an..3</b>

Identification of a code list.

Refer to D.96A 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.96A Data Element Dictionary for acceptable code values.

**Group:** **RFF** Segment Group 10: Reference  
**Position:** 0410  
**Group:** Segment Group 8 (Line Item) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments giving references related to the line item and where necessary, their dates.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
Must Use	0420	RFF	Reference	M	1	

**Segment:** **RFF** Reference  
**Position:** 0420 (Trigger Segment)  
**Group:** Segment Group 10 (Reference) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	<b>C506</b>		<b>REFERENCE</b> Identification of a reference.	<b>M</b>
>>		<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number. ON Order number (purchase) [1022] Reference number assigned by the buyer to an order.	<b>M an..3</b>
		<b>1154</b>	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>
<b>X</b>		<b>1156</b>	<b>Line number</b> Number of the line in the document/message referenced in 1154 Reference number.	<b>C an..6</b>
<b>X</b>		<b>4000</b>	<b>Reference version number</b> To uniquely identify a reference by its revision number.	<b>C an..35</b>

**Group:** **QTY** Segment Group 12: Quantity  
**Position:** 0470  
**Group:** Segment Group 8 (Line Item) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 200  
**Purpose:** A group of segments specifying quantity related information for actual delivery, reporting or cumulative quantities and forecast quantities as required for the line item.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
Must Use	0480	QTY	Quantity	M	1	
	0490	SCC	Scheduling Conditions	C	1	
	0500	DTM	Date/Time/Period	C	2	
	0510		Segment Group 13: Reference	C		10

**Segment:** **QTY** Quantity  
**Position:** 0480 (Trigger Segment)  
**Group:** Segment Group 12 (Quantity)      Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify pertinent quantities which may be relating to schedule(s) and/or pattern established in the SCC/DTM segment, e.g. delivery quantity or a specified date.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Data Element</b>	<b>Component Element Name</b>	<b>Attributes</b>
>>	<b>C186</b>	<b>QUANTITY DETAILS</b> Quantity information in a transaction, qualified when relevant.	<b>M</b>
>>		<b>6063 Quantity qualifier</b> Code giving specific meaning to a quantity.	<b>M an..3</b>
		1      Discrete quantity	
		3      Cumulative quantity	
		79     Previous cumulative quantity Cumulative quantity prior the actual order.	
>>	<b>6060</b>	<b>Quantity</b> Numeric value of a quantity.	<b>M n..15</b>
	<b>6411</b>	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	<b>C an..3</b>

**Segment:** **SCC** Scheduling Conditions  
**Position:** 0490  
**Group:** Segment Group 12 (Quantity) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment specifying the type and status of the schedule being given, and optionally defining a pattern to be established, e.g. firm or proposed delivery schedule for a weekly pattern.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	4017		<b>DELIVERY PLAN STATUS INDICATOR, CODED</b>	<b>M an..3</b>
			Code indicating the level of commitment of schedule information.	
			1 Firm	
			Indicates that the scheduling information is a firm commitment.	
			2 Commitment for manufacturing and material	
			Authorizes the supplier to start the manufacturing of goods.	
			3 Commitment for material	
			Authorizes the manufacturer to order material required for manufacturing specified goods.	
			4 Planning/forecast	
			11 Pilot/Pre-volume	
			Description to be provided.	
X	4493		<b>DELIVERY REQUIREMENTS, CODED</b>	<b>C an..3</b>
			Indication of general instruction for delivery.	
			Refer to D.96A Data Element Dictionary for acceptable code values.	
	C329		<b>PATTERN DESCRIPTION</b>	<b>C</b>
			Shipment, delivery or production interval pattern and timing.	
		2013	<b>Frequency, coded</b>	<b>C an..3</b>
			Code specifying interval grouping of the delivery, production, etc. of the schedule.	
			D Discrete	
			Flexible frequency according to planning process.	
			W Weekly	
			Code defining a forecast for weekly intervals.	





**Segment:** **DTM** Date/Time/Period  
**Position:** 0500  
**Group:** Segment Group 12 (Quantity) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment indicating the date/time/period details relating to the quantity and schedule details in the QTY/SCC segments. This segment may indicate date/time ranges, e.g. start and end dates for a delivery pattern, or delivery window.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C507	DATE/TIME/PERIOD	M
		Date and/or time, or period relevant to the specified date/time/period type.	
>>	2005	Date/time/period qualifier	M an..3
		Code giving specific meaning to a date, time or period.	
		2 Delivery date/time, requested	
		Date on which buyer requests goods to be delivered.	
		10 Shipment date/time, requested	
		Date on which goods should be shipped or despatched by the supplier.	
		11 Despatch date and or time	
		(2170) Date/time on which the goods are or are expected to be despatched or shipped.	
		50 Goods receipt date/time	
		Date/time upon which the goods were received by a given party.	
		52 Cumulative quantity end date	
		Last Date for accumulation of delivery quantities.	
	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:** **RFF** Segment Group 13: Reference  
**Position:** 0510  
**Group:** Segment Group 12 (Quantity) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments for referencing specific product delivery release information and where necessary their date.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
Must Use	0520	RFF	Reference	M	1	

**Segment:** **RFF** Reference  
**Position:** 0520 (Trigger Segment)  
**Group:** Segment Group 13 (Reference) Conditional (Optional)  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for referencing specific product delivery release information e.g. appointment.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	<b>C506</b>		<b>REFERENCE</b> Identification of a reference.	<b>M</b>
>>		<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number. AAK Despatch advice number Reference number assigned by issuing party to a despatch advice.	<b>M an..3</b>
		<b>1154</b>	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>
<b>X</b>		<b>1156</b>	<b>Line number</b> Number of the line in the document/message referenced in 1154 Reference number.	<b>C an..6</b>
<b>X</b>		<b>4000</b>	<b>Reference version number</b> To uniquely identify a reference by its revision number.	<b>C an..35</b>

**Segment:** **UNS** Section Control  
**Position:** 1220  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment placed at the start of the summary section to avoid segment collision.

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	0081		SECTION IDENTIFIER	M a l
			A character identifying the next section in a message.	
		S	Detail/summary section separation	
			To qualify the segment UNS, when separating the detail from the summary section of a message.	

**Segment:** **UNT** Message Trailer  
**Position:** 1250  
**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:**

#### Data Element Summary

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