



**GENERAL MOTORS IMPLEMENTATION GUIDELINES**  
**FOR**  
**RECADV MESSAGE**  
**RECEIVING ADVICE MESSAGE**

CORPORATE INFORMATION STANDARDS  
INFORMATION SYSTEMS & SERVICES  
GENERAL MOTORS CORPORATION

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# GENERAL INFORMATION

## PURPOSE

This Implementation Guideline details how General Motors intends to use the RECADV Message. It provides the standardized format and establishes the data content of a Receiving advice message. This message is to address the business needs related to the goods receipt. This message is used to report the physical receipt of goods. The message allows for the reporting of discrepancies in products, quantities, terms, packages, etc.

The message may inform about the discrepancies: - between the received consignment and consignment information given in the Despatch advice message - between the received goods and the ordered goods in the ORDERS, DELFOR or DELJIT information.

## APPLICATION

General Motors plans to use the EDIFACT message standards when this type of information is transmitted to trading partners. Plans to migrate from the ANSI ASC X12 861 or other proprietary standards will be communicated as business plans dictate the need to change.

## STRUCTURE OF THE GM IMPLEMENTATION GUIDELINE

The GM Implementation Guideline appearing on the following pages, include the EDIFACT Boilerplate, the Segment Table, Segment explanations and various examples of the RECADV Message. The Segment Table is a summary of the entire EDIFACT Message, in the left column GM has identified when/if each Segment Group/ Segment is used. Each segment is defined as "Must Use", "Not Used" or a blank denotes that the segment may be used by some GM entities.

The next portion of the document, the Segment information requirements for data element usage are also defined. GM will use the following symbols in the left column:

>>	GM requires that information is provided
X	GM does not expect to receive this information
(blank)	Some GM locations may expect to receive this data.

The Attributes column, located on the right side of the Segment information, provides the EDIFACT element size. GM plans to conform with the EDIFACT field parameters.

## USE OF EDIFACT AND ISO DATA ELEMENT DICTIONARYS

There is one exception to the statement in the comments field of this document that reads, "GM may send any code listed in the Data Dictionary". GM will not sends codes

Z, ZZ or ZZZ (described as mutually defined) because they are not specific and cannot be applied to all GM applications.

## **VERSION**

The RECADV message has been developed based on version 97A of the EDIFACT Standard.

## **RESPONSIBILITY**

This document was developed and is maintained by the General Motors Materials Management EDIFACT Guideline Development group. It is distributed internally to all General Motors EDI and CISCO Coordinators.

## **MAINTENANCE**

The General Motors Materials Management Maintenance Work Group and Information Systems and Services will review changes to this document. The change process can only be initiated by individuals/ organizations within the General Motors Corporation. Changes to the guideline will be considered on a bi-annual basis, to ensure that there is a consistent interpretation of the message.

# BOILERPLATE

## SEGMENT CLARIFICATION

### **UNH Message Header**

A service segment starting and uniquely identifying a message. The message type code for the Receiving advice message is RECADV.

Note: Receiving advice messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 RECADV                    0052 D                    0054 97A                    0051 UN

### **BGM Beginning of Message**

A segment for unique identification of the Receiving advice message, name and its number.

### **DTM Date/Time/Period**

Date/time/period related to the whole message.

### **Segment Group 1: RFF-DTM**

A group of segments giving references where necessary, dates relating to the whole message, e.g. despatch advice, contract number.

### **RFF Reference**

A segment for referencing documents relating to the whole Receiving advice message, e.g. despatch advice, purchase orders, delivery instructions. If the RECADV refers to a prior message, this message has to be referenced.

### **DTM Date/Time/Period**

Date or date and time as applied to the referred document.

### **Segment Group 2: DOC-SG3**

A group of segments identifying the discrepancies with the documentary requirements relating to the whole consignment.

### **DOC Document/Message Details**

A segment identifying documents where a discrepancy occurs.

### **Segment Group 3: CDI-INP**

A group of segments to report the physical or logical state of the document upon receipt and to give the appropriate instructions if needed.

### **CDI Physical or Logical State**

A segment to report the logical state of the document upon receipt, e.g. required document not received or incorrect.

### **Segment Group 4: NAD-LOC-SG5-SG6**

A group of segments identifying names, addresses and locations, relevant to the whole Receiving advice.

### **NAD Name and Address**

A segment for identifying names and addresses and their functions relevant for the whole Receiving advice. Identification of at least the recipient of the goods is mandatory. It is recommended that where possible only the coded form of the party ID should be specified.

**Segment Group 10: TDT-DTM-CDI**

A group of segments specifying details of the mode and means of transport, the date or date and time of arrival, if a discrepancy has occurred or if required by the recipient of the message for further identification.

**TDT Details of Transport**

A segment specifying the carriage, and the mode and means of transport of the goods arrived.

**Segment Group 11: EQD-SG12-SG13-SG14**

A group of segments identifying equipment with which a problem has occurred or if required by the recipient of the message for further identification.

**EQD Equipment Details**

A segment to identify the specific equipment item.

**Segment Group 16: CPS-SG17-SG22**

A group of segments providing details of all packages and/or individual items as received. This segment group provides the capability to give the top-down hierarchical relationship of the package levels.

**CPS Consignment Packing Sequence**

A segment identifying the sequence in which packing of the consignment is presented, e.g. a pallet loaded with boxes.

**Segment Group 22: LIN-PIA-IMD-QTY-QVR-DTM-PRI-SG23-SG24-SG26-SG28-SG29**

A group of segments providing details of the product or service received.

**LIN Line Item**

A segment identifying the product or service received.

**QTY Quantity**

A segment to give quantity information about the product specified in the LIN, PIA or IMD segment.

**QVR Quantity Variances**

A segment identifying quantity variances between quantity per item and quantity per item expected or planned.

**Segment Group 23: CDI-INP**

A group of segments to report the physical state of the product given in the LIN or IMD segment upon receipt and to give the appropriate instructions if needed.

**CDI Physical or Logical State**

A segment to report the physical state of the product upon receipt e.g. wrong colour.

**Segment Group 28: RFF-DTM**

A group of segments giving references relevant to the line item.

**RFF Reference**

A segment for referencing documents relating to the line item specified by the LIN or IMD segment.

**UNT Message Trailer**

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

# RECADV Receiving Advice Message

## Introduction:

This message is to address the business needs related to the goods receipt. This message is used to report the physical receipt of goods. The message allows for the reporting of discrepancies in products, quantities, terms, packages, etc.

The message may contain only the information that the received consignment is completely in line with the consignment information given in the Despatch advice message. In case there is no detail to be provided.

The message may inform about the discrepancies: - between the received consignment and consignment information given in the Despatch advice message. - between the received goods and the ordered goods in the ORDERS, DELFOR or DELJIT information.

## SEGMENT DIRECTORY

	<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		
Not Used	0040	ALI	Additional Information	C	5		
	0050		Segment Group 1: RFF-DTM	C		10	
Must Use	0060	RFF	Reference	M	1		
	0070	DTM	Date/Time/Period	C	1		
	0080		Segment Group 2: DOC-SG3	C		10	
Must Use	0090	DOC	Document/Message Details	M	1		
	0100		Segment Group 3: CDI-INP	C		10	
Must Use	0110	CDI	Physical or Logical State	M	1		
Not Used	0120	INP	Parties to Instruction	C	5		
	0130		Segment Group 4: NAD-LOC-SG5-SG6	M		10	
Must Use	0140	NAD	Name and Address	M	1		
Not Used	0150	LOC	Place/Location Identification	C	10		
	0160		Segment Group 5: RFF-DTM	C		10	
Not Used	0170	RFF	Reference	M	1		
Not Used	0180	DTM	Date/Time/Period	C	1		
	0190		Segment Group 6: CTA-COM	C		10	
Not Used	0200	CTA	Contact Information	M	1		
Not Used	0210	COM	Communication Contact	C	5		
	0220		Segment Group 7: TOD-SG8-SG9	C		10	
Not Used	0230	TOD	Terms of Delivery or Transport	M	1		
	0240		Segment Group 8: CDI-INP	C		10	
Not Used	0250	CDI	Physical or Logical State	M	1		
Not Used	0260	INP	Parties to Instruction	C	5		
	0270		Segment Group 9: LOC-CDI	C		10	



Not Used	0280	LOC	Place/Location Identification	M	1
Not Used	0290	CDI	Physical or Logical State	C	10
	0300		Segment Group 10: TDT-DTM-CDI	C	10
Must Use	0310	TDT	Details of Transport	M	1
Not Used	0320	DTM	Date/Time/Period	C	10
Not Used	0330	CDI	Physical or Logical State	C	10
	0340		Segment Group 11: EQD-SG12-SG13-SG14	C	9999
Must Use	0350	EQD	Equipment Details	M	1
	0360		Segment Group 12: CDI-INP	C	10
Not Used	0370	CDI	Physical or Logical State	M	1
Not Used	0380	INP	Parties to Instruction	C	5
	0390		Segment Group 13: SEL-CDI	C	25
Not Used	0400	SEL	Seal Number	M	1
Not Used	0410	CDI	Physical or Logical State	M	10
	0420		Segment Group 14: EQA-SG15	C	10
Not Used	0430	EQA	Attached Equipment	M	1
	0440		Segment Group 15: CDI-INP	C	10
Not Used	0450	CDI	Physical or Logical State	M	1
Not Used	0460	INP	Parties to Instruction	C	5
	0470		Segment Group 16: CPS-SG17-SG22	C	9999
Must Use	0480	CPS	Consignment Packing Sequence	M	1
	0490		Segment Group 17: PAC-QVR-SG18	C	9999
Not Used	0500	PAC	Package	M	1
Not Used	0510	QVR	Quantity Variances	C	1
	0520		Segment Group 18: PCI-RFF-SG19-SG20	C	999
Not Used	0530	PCI	Package Identification	M	1
Not Used	0540	RFF	Reference	C	1
	0550		Segment Group 19: CDI-INP	C	10
Not Used	0560	CDI	Physical or Logical State	M	1
Not Used	0570	INP	Parties to Instruction	C	5
	0580		Segment Group 20: GIN-SG21	C	999
Not Used	0590	GIN	Goods Identity Number	M	1
	0600		Segment Group 21: CDI-INP	C	10
Not Used	0610	CDI	Physical or Logical State	M	1
Not Used	0620	INP	Parties to Instruction	C	5
	0630		Segment Group 22: LIN-PIA-IMD-QTY-QVR-DTM-PRI-SG23-SG24-SG26-SG28-SG29	C	9999
Must Use	0640	LIN	Line Item	M	1
Not Used	0650	PIA	Additional Product Id	C	10
Not Used	0660	IMD	Item Description	C	25
	0670	QTY	Quantity	C	10
	0680	QVR	Quantity Variances	C	10
Not Used	0690	DTM	Date/Time/Period	C	5
Not Used	0700	PRI	Price Details	C	1
	0710		Segment Group 23: CDI-INP	C	10

Must Use	0720	CDI	Physical or Logical State	M	1
Not Used	0730	INP	Parties to Instruction	C	5
	0740		Segment Group 24: DOC-SG25	C	10
Not Used	0750	DOC	Document/Message Details	M	1
	0760		Segment Group 25: CDI-INP	C	10
Not Used	0770	CDI	Physical or Logical State	M	1
Not Used	0780	INP	Parties to Instruction	C	5
	0790		Segment Group 26: GIN-SG27	C	99
Not Used	0800	GIN	Goods Identity Number	M	1
	0810		Segment Group 27: CDI-INP	C	10
Not Used	0820	CDI	Physical or Logical State	M	1
Not Used	0830	INP	Parties to Instruction	C	5
	0840		Segment Group 28: RFF-DTM	C	10
Must Use	0850	RFF	Reference	M	1
Not Used	0860	DTM	Date/Time/Period	C	1
	0870		Segment Group 29: PCI-QTY-QVR-SG30-SG31	C	9999
Not Used	0880	PCI	Package Identification	M	1
Not Used	0890	QTY	Quantity	C	1
Not Used	0900	QVR	Quantity Variances	C	1
	0910		Segment Group 30: CDI-INP	C	10
Not Used	0920	CDI	Physical or Logical State	M	1
Not Used	0930	INP	Parties to Instruction	C	5
	0940		Segment Group 31: GIN-SG32	C	10
Not Used	0950	GIN	Goods Identity Number	M	1
	0960		Segment Group 32: CDI-INP	C	10
Not Used	0970	CDI	Physical or Logical State	M	1
Not Used	0980	INP	Parties to Instruction	C	5
Not Used	0990	CNT	Control Total	C	1
Must Use	1000	UNT	Message Trailer	M	1

# DATA SEGMENTS

## Header

**Segment:** **UNH** Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To head, identify and specify a Message  
**Comments:**  
**Notes:** UNH+1+RECADV:D:97A:UN'

### Data Element Summary

Data Element	Component Element	Name	Attributes
>>	0062	<b>Message reference number</b> Unique message reference assigned by the sender. Must match the message reference number in the UNT.	<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. RECADV Receiving advice message A code to identify the receiving advice message.	<b>M an..6</b>
>>	0052	<b>Message type version number</b> 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).	<b>M an..3</b>
>>	0054	<b>Message type release number</b> 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).	<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 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).	<b>M an..2</b>
X	0057	<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	<b>C an..6</b>
X	0068	<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.	
X	S010	<b>Status of the Transfer</b>	C
		Statement that the message is one in a sequence of transfers relating to the same topic.	
X	0070	<b>Sequence message transfer number</b>	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	<b>First/last sequence message transfer indication</b>	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:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the type and function of a message and to transmit the identifying number.  
**Notes:** BGM+13+200916+9'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C002		<b>Document/Message Name</b>	C
		Identification of a type of document/message by code or name. Code preferred.	
>>	1001	<b>Document/message name, coded</b>	C an..3
		Document/message identifier expressed in code.	
	13	Post receipt	
		Document/message which evidences the transport of goods by post (e.g. mail, parcel, etc.).	
	632	Goods receipt	
		Document/message issued by a port, warehouse/shed, or terminal operator acknowledging receipt of goods specified therein on conditions stated or referred to in the document.	
X	1131	<b>Code list qualifier</b>	C an..3
		Identification of a code list.	
		Refer to D.97A 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.97A Data Element Dictionary for acceptable code values.	
X	1000	<b>Document/message name</b>	C an..35
		Plain language identifier specifying the function of a document/message.	
		<b>Document/Message Identification</b>	C
		Identification of a document/message by its number and eventually its version or revision.	
>>	1004	<b>Document/message number</b>	C an..35
		Reference number assigned to the document/message by the issuer.	
X	1056	<b>Version</b>	C an..9
		To specify the version number or name of an object.	
X	1060	<b>Revision number</b>	C an..6
		To specify a revision number.	
	1225	<b>Message function, coded</b>	C an..3
		Code indicating the function of the message.	
	9	Original	
		Initial transmission related to a given transaction.	
X	4343	<b>Response type, coded</b>	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:** To specify date, and/or time, or period.  
**Comments:**  
**Notes:** DTM+137:199801071600:203'

#### 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.	
>>	<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.	
	203	CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

**Group:** **RFF** Segment Group 1: Reference  
**Position:** 0050  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Must Use)  
**Max Use:** 10  
**Purpose:**

**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	0060	RFF	Reference	M	1	
	0070	DTM	Date/Time/Period	C	1	

**Segment:** **RFF** Reference  
**Position:** 0060  
**Group:** Segment Group 1 (Reference) Conditional  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify a reference.  
**Comments:**  
**Notes:** RFF+SI:393876'

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C506	Reference	M
		Identification of a reference.	
>>	1153	Reference qualifier	M an..3
		Code giving specific meaning to a reference segment or a reference number.	
		BM Bill of lading number	
		Reference number assigned to a bill of lading, see: 1001 = 705.	
		SI SID (Shipper's identifying number for shipment)	
		Description to be provided.	
>>	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.	
X	1156	Line number	C an..6
		Number of the line in the document/message referenced in 1154 Reference number.	
X	4000	Reference version number	C an..35
		To uniquely identify a reference by its revision number.	



**Segment:** **DTM** Date/Time/Period  
**Position:** 0070  
**Group:** Segment Group 1 (Reference) Conditional  
**Level:** 2  
**Usage:** Conditional  
**Max Use:** 1  
**Purpose:** To specify date, and/or time, or period.  
**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.	
		11 Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped.	
		310 Received date/time Date/time of receipt.	
>>	<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 CCYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	
		203 CCYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

**Group:** **DOC** Segment Group 2: Document/Message Details  
**Position:** 0080  
**Group:**  
**Level:** 1  
**Usage:** Conditional  
**Max Use:** 10  
**Purpose:**

**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	0090	DOC	Document/Message Details	M	1	
	0100		Segment Group 3: Physical or Logical State	C		10

**Segment:** **DOC** Document/Message Details  
**Position:** 0090  
**Group:** Segment Group 2 (Document/Message Details) Conditional  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify documents, either printed, electronically transferred, or referenced as specified in message description, including, where relevant, the identification of the type of transaction that will result from this message.

**Comments:**

**Notes:** DOC+351'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C002		<b>Document/Message Name</b>	<b>M</b>
			Identification of a type of document/message by code or name. Code preferred.	
		1001	<b>Document/message name, coded</b>	<b>C an..3</b>
			Document/message identifier expressed in code.	
		351	Despatch advice	
			Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.	
X		1131	<b>Code list qualifier</b>	<b>C an..3</b>
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
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.97A Data Element Dictionary for acceptable code values.	
X		1000	<b>Document/message name</b>	<b>C an..35</b>
			Plain language identifier specifying the function of a document/message.	
X	C503		<b>Document/Message Details</b>	<b>C</b>
			Identification of document/message by number, status, source and/or language.	
X		1004	<b>Document/message number</b>	<b>C an..35</b>
			Reference number assigned to the document/message by the issuer.	
X		1373	<b>Document/message status, coded</b>	<b>C an..3</b>
			To identify the status of a document/message.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1366	<b>Document/message source</b>	<b>C an..35</b>
			Indication of the source from which the printed information is to be or has been obtained.	
X		3453	<b>Language, coded</b>	<b>C an..3</b>
			Code of language (ISO 639-1988).	
X	3153		<b>Communication channel identifier, coded</b>	<b>C an..3</b>
			Code identifying the type of communication channel being used.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

<b>X</b>	<b>1220</b>	<b>Number of copies of document required</b>	<b>C n..2</b>
		Number of originals or copies of a document stipulated or referred to as being required.	
<b>X</b>	<b>1218</b>	<b>Number of originals of document required</b>	<b>C n..2</b>
		Specification of the number of originals of a stipulated document that are required.	

**Group:** **CDI** Segment Group 3: Physical or Logical State  
**Position:** 0100  
**Group:** Segment Group 2 (Document/Message Details) Conditional  
**Level:** 2  
**Usage:** Conditional  
**Max Use:** 10  
**Purpose:**

**Segment Summary**

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
Must Use	0110	CDI	Physical or Logical State	M	1	

**Segment:** **CDI Physical or Logical State**  
**Position:** 0110  
**Group:** Segment Group 3 (Physical or Logical State)      Conditional  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To describe a physical or logical state.  
**Comments:**  
**Notes:** CDI+1+2'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>> 7001		<b>Physical or logical state qualifier</b> Code giving a specific meaning to a physical or logical state. 1                      Upon receipt At the time of receipt.	<b>M an..3</b>
>> C564		<b>Physical or Logical State Information</b> To give information in coded or clear text form on the physical or logical state.	<b>M</b>
	7007	<b>Physical or logical state, coded</b> Code of the physical or logical state. 2                      Missing Absent or lacking. 5                      Good condition	<b>C an..3</b>
	1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.97A 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. Refer to D.97A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
	7006	<b>Physical or logical state</b> Description of the physical or logical state.	<b>C an..35</b>

**Group:** **NAD** Segment Group 4: Name and Address  
**Position:** 0130  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 10  
**Purpose:**

**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	0140	NAD	Name and Address	M	1	

**Segment:** **NAD** Name and Address  
**Position:** 0140  
**Group:** Segment Group 4 (Name and Address) Mandatory  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

**Comments:**

**Notes:** NAD+SU+987600001::16'  
 NAD+MI+88835::92'  
 NAD+ST+48069::92'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	3035	<b>Party qualifier</b>	M an..3
		Code giving specific meaning to a party.	
		Three iterations of data element are mandatory. They must contain codes MI and SU.	
		MI Planning schedule/material release issuer	
		SF Ship from	
		Identification of the party from where goods will be or have been shipped.	
		ST Ship to	
		Identification of the party to 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>	C
		Identification of a transaction party by code.	
>>	3039	<b>Party id. identification</b>	M an..35
		Code identifying a party involved in a transaction.	
X	1131	<b>Code list qualifier</b>	C an..3
		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
	3055	<b>Code list responsible agency, coded</b>	C an..3
		Code identifying the agency responsible for a code list.	
		16 DUNS (Dun & Bradstreet)	
		92 Assigned by buyer or buyer's agent	
X	C058	<b>Name and Address</b>	C
		Unstructured name and address: one to five lines.	
X	3124	<b>Name and address line</b>	M an..35
		Free form name and address description.	
X	3124	<b>Name and address line</b>	C an..35
		Free form name and address description.	
X	3124	<b>Name and address line</b>	C an..35
		Free form name and address description.	
X	3124	<b>Name and address line</b>	C an..35



		Free form name and address description.		
X		<b>3124 Name and address line</b>	C	an..35
		Free form name and address description.		
X	<b>C080</b>	<b>Party Name</b>	C	
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
X		<b>3036 Party name</b>	M	an..35
		Name of a party involved in a transaction.		
X		<b>3036 Party name</b>	C	an..35
		Name of a party involved in a transaction.		
X		<b>3036 Party name</b>	C	an..35
		Name of a party involved in a transaction.		
X		<b>3036 Party name</b>	C	an..35
		Name of a party involved in a transaction.		
X		<b>3045 Party name format, coded</b>	C	an..3
		Specification of the representation of a party name.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X	<b>C059</b>	<b>Street</b>	C	
		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>	M	an..35
		Street and number in plain language, or Post Office Box No.		
X		<b>3042 Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
X		<b>3042 Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
X		<b>3042 Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
X	<b>3164</b>	<b>City name</b>	C	an..35
		Name of a city (a town, a village) for addressing purposes.		
X	<b>3229</b>	<b>Country sub-entity identification</b>	C	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
X	<b>3251</b>	<b>Postcode identification</b>	C	an..9
		Code defining postal zones or addresses.		
X	<b>3207</b>	<b>Country, coded</b>	C	an..3
		Identification of the name of a country or other geographical entity as specified in ISO 3166.		

**Group:** **TDT** Segment Group 10: Details of Transport  
**Position:** 0300  
**Group:**  
**Level:** 1  
**Usage:** Conditional  
**Max Use:** 10  
**Purpose:**

**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	0310	TDT	Details of Transport	M	1	

**Segment:** **TDT** Details of Transport  
**Position:** 0310  
**Group:** Segment Group 10 (Details of Transport) Conditional  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

**Comments:**

**Notes:** TDT+13+++31+CETR::182'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	8051		<b>Transport stage qualifier</b> Qualifier giving a specific meaning to the transport details. 13 At destination Transport by which goods are moved at the place of destination.	<b>M an..3</b>
X	8028		<b>Conveyance reference number</b> Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).	<b>C an..17</b>
X	C220		<b>Mode of Transport</b> Method of transport code or name. Code preferred.	<b>C</b>
		8067	<b>Mode of transport, coded</b> Coded method of transport used for the carriage of the goods.	<b>C an..3</b>
X		8066	<b>Mode of transport</b> Method of transport used for the carriage of the goods.	<b>C an..17</b>
	C228		<b>Transport Means</b> Code and/or name identifying the type of means of transport.	<b>C</b>
		8179	<b>Type of means of transport identification</b> Code defining the type of the means of transport being utilized. Refer to D.97A Data Element Dictionary for acceptable code values.	<b>C an..8</b>
X		8178	<b>Type of means of transport</b> Description of the type of the means of transport being utilized.	<b>C an..17</b>
	C040		<b>Carrier</b> Identification of a carrier by code and/or by name. Code preferred.	<b>C</b>
>>		3127	<b>Carrier identification</b> Identification of party undertaking or arranging transport of goods between named points.	<b>C an..17</b>
X		1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.97A 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. 182 US, Standard Carrier Alpha Code (Motor) Organisation maintaining the SCAC lists and transportation operating in North America.	<b>C an..3</b>

X		3128	<b>Carrier name</b>	C	an..35
			Name of party undertaking or arranging transport of goods between named points.		
X	8101		<b>Transit direction, coded</b>	C	an..3
			Identification of the point of origin and point of direction. Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C401		<b>Excess Transportation Information</b>	C	
			To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
X		8457	<b>Excess transportation reason, coded</b>	M	an..3
			Indication of reason for excess transportation. Refer to D.97A Data Element Dictionary for acceptable code values.		
X		8459	<b>Excess transportation responsibility, coded</b>	M	an..3
			Indication of responsibility for excess transportation. Refer to D.97A Data Element Dictionary for acceptable code values.		
X		7130	<b>Customer authorization number</b>	C	an..17
			Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.		
X	C222		<b>Transport Identification</b>	C	
			Code and/or name identifying the means of transport.		
X		8213	<b>Id. of means of transport identification</b>	C	an..9
			Identification of the means of transport by name or number.		
X		1131	<b>Code list qualifier</b>	C	an..3
			Identification of a code list. Refer to D.97A 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.97A Data Element Dictionary for acceptable code values.		
X		8212	<b>Id. of the means of transport</b>	C	an..35
			Identification of the means of transport by name or number.		
X		8453	<b>Nationality of means of transport, coded</b>	C	an..3
			Coded name of the country in which a means of transport is registered.		
X	8281		<b>Transport ownership, coded</b>	C	an..3
			Code indicating the ownership of the means of transport. Refer to D.97A Data Element Dictionary for acceptable code values.		

**Group:** **EQD** Segment Group 11: Equipment Details  
**Position:** 0340  
**Group:**  
**Level:** 1  
**Usage:** Conditional  
**Max Use:** 9999  
**Purpose:**

**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	0350	EQD	Equipment Details	M	1	

**Segment:** **EQD** Equipment Details  
**Position:** 0350  
**Group:** Segment Group 11 (Equipment Details)      Conditional  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a unit of equipment.  
**Comments:**  
**Notes:** EQD+RR+CR1487'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	8053	<b>Equipment qualifier</b> Code identifying type of equipment.	<b>M an..3</b>
		CH      Chassis A wheeled carriage onto which an ocean container is mounted for inland conveyance.	
		RR      Rail car [8320] Registered identification number of railway wagon (CIM 19).	
		TE      Trailer A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle.	
	<b>C237</b>	<b>Equipment Identification</b> Marks (letters and/or numbers) identifying equipment used for transport such as a container.	<b>C</b>
	8260	<b>Equipment identification number</b> Marks (letters and/or numbers) which identify equipment e.g. unit load device.	<b>C an..17</b>
X	1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.97A 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.97A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
X	3207	<b>Country, coded</b> Identification of the name of a country or other geographical entity as specified in ISO 3166.	<b>C an..3</b>
X	<b>C224</b>	<b>Equipment Size and Type</b> Code and/or name identifying size and type of equipment used in transport. Code preferred.	<b>C</b>
X	8155	<b>Equipment size and type identification</b> Coded description of the size and type of equipment e.g. unit load device. Refer to D.97A Data Element Dictionary for acceptable code values.	<b>C an..10</b>
X	1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.97A 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.97A Data Element Dictionary for acceptable code values.	<b>C an..3</b>

X	8154	<b>Equipment size and type</b>	C	an..35
		Plain language description of the size and type of equipment e.g. unit load device.		
X	8077	<b>Equipment supplier, coded</b>	C	an..3
		To indicate the party that is the supplier of the equipment. Refer to D.97A Data Element Dictionary for acceptable code values.		
X	8249	<b>Equipment status, coded</b>	C	an..3
		Indication of the action related to the equipment. Refer to D.97A Data Element Dictionary for acceptable code values.		
X	8169	<b>Full/empty indicator, coded</b>	C	an..3
		To indicate the extent to which the equipment is full or empty. Refer to D.97A Data Element Dictionary for acceptable code values.		

## Detail

**Group:** **CPS** Segment Group 16: Consignment Packing Sequence  
**Position:** 0470  
**Group:**  
**Level:** 1  
**Usage:** Conditional  
**Max Use:** 9999  
**Purpose:**

### Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
Must Use	0480	CPS	Consignment Packing Sequence	M	1	
	0630		Segment Group 22: Line Item	C		9999



**Segment:** **CPS** Consignment Packing Sequence  
**Position:** 0480  
**Group:** Segment Group 16 (Consignment Packing Sequence)      Conditional  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.  
**Comments:**  
**Notes:** CPS+1++4'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>> 7164		<b>Hierarchical id. number</b>	<b>M an..12</b>
		A unique number assigned by the sender to identify a level within a hierarchical structure. Begins with the number 1 and increments by one for each occurrence within the message. Hierarchical id. numbers are not to be repeated within the same message.	
7166		<b>Hierarchical parent id.</b>	<b>C an..12</b>
		Identification number of the next higher hierarchical data segment in a hierarchical structure.	
7075		<b>Packaging level, coded</b>	<b>C an..3</b>
		Indication of level of packaging specified.	
	4	No packaging hierarchy There is no specifiable level of packaging: packaging is inner and outer level as well.	

**Group:** **LIN** Segment Group 22: Line Item  
**Position:** 0630  
**Group:** Segment Group 16 (Consignment Packing Sequence) Conditional  
**Level:** 2  
**Usage:** Conditional  
**Max Use:** 9999  
**Purpose:**

**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	0640	LIN	Line Item	M	1	
	0670	QTY	Quantity	C	10	
	0680	QVR	Quantity Variances	C	10	
	0710		Segment Group 23: Physical or Logical State	C		10
	0840		Segment Group 28: Reference	C		10

**Segment:** **LIN** Line Item  
**Position:** 0640  
**Group:** Segment Group 22 (Line Item) Conditional  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a line item and configuration.  
**Comments:**  
**Notes:** LIN+++12557089:IN'

### 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 an..6
	1229		<b>Action request/notification, coded</b> Code specifying the action to be taken or already taken. Only used when processing foreign material.	C an..3
		7	Not accepted This line item is not accepted by the seller.	
	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.97A 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.97A 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.97A Data Element Dictionary for acceptable code values.	C an..3
X		1082	<b>Line item number</b> Serial number designating each separate item within a series of articles.	C an..6
X	1222		<b>Configuration level</b> Number indicating the level of an object which is in a hierarchy.	C n..2
X	7083		<b>Configuration, coded</b> Code indicating the status of the sub-line item in the configuration. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

**Segment:** QTY Quantity  
**Position:** 0670  
**Group:** Segment Group 22 (Line Item) Conditional  
**Level:** 3  
**Usage:** Conditional  
**Max Use:** 10  
**Purpose:** To specify a pertinent quantity.  
**Comments:**  
**Notes:** QTY+48:152'  
 QTY+12:300'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>> C186		<b>Quantity Details</b>	M
		Quantity information in a transaction, qualified when relevant.	
>>	6063	<b>Quantity qualifier</b>	M an..3
		Code giving specific meaning to a quantity.	
		12 Despatch quantity	
		Quantity despatched by the seller.	
		48 Received quantity	
		The quantity which has been received.	
>>	6060	<b>Quantity</b>	M n..15
		Numeric value of a quantity.	
	6411	<b>Measure unit qualifier</b>	C an..3
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	
		May be omitted when unit of measure is piece, each, or unit.	
		Refer to UN/ECE Trade Recommendation 20 for units of measure codes.	
		For a copy, contact DISA at (703) 548-7005.	

**Segment:** **QVR** Quantity Variances  
**Position:** 0680  
**Group:** Segment Group 22 (Line Item)      Conditional  
**Level:** 3  
**Usage:** Conditional  
**Max Use:** 10  
**Purpose:** To specify item details relating to quantity variances.  
**Comments:**  
**Notes:** QVR+148:119'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C279		<b>Quantity Difference Information</b> Information on quantity difference.	C
>>		6064	<b>Quantity difference</b> Numeric value of variance between ordered/shipped/invoiced quantities.	M n..15
>>		6063	<b>Quantity qualifier</b> Code giving specific meaning to a quantity.	C an..3
			89                      Quality control held Quantity of goods held pending completion of a quality control assessment.	
			119                     Short shipped Indication that part of the consignment was not shipped.	
			121                     Over shipped Indication that more goods have been shipped than contracted for delivery.	
			124                     Damaged goods Quantity of goods which have deteriorated in transport such that they cannot be used for the purpose for which they were originally intended.	
X	4221		<b>Discrepancy, coded</b> Code defining the disposition of any difference between the quantity ordered and invoiced, or shipped and invoiced for a line item or transaction. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C960		<b>Reason for Change</b> Code and/or description of the reason for a change.	C
X		4295	<b>Change reason, coded</b> Identification of the reason for a change. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.97A 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.97A Data Element Dictionary for acceptable code values.	C an..3
X		4294	<b>Change reason</b> Description of the reason for a change.	C an..35

**Group:** **CDI** Segment Group 23: Physical or Logical State  
**Position:** 0710  
**Group:** Segment Group 22 (Line Item)      Conditional  
**Level:** 3  
**Usage:** Conditional  
**Max Use:** 10  
**Purpose:**

**Segment Summary**

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0720	CDI	Physical or Logical State	M	1	

**Segment:** **CDI Physical or Logical State**  
**Position:** 0720  
**Group:** Segment Group 23 (Physical or Logical State)      Conditional  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To describe a physical or logical state.  
**Comments:**  
**Notes:** CDI+1+3'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	7001		<b>Physical or logical state qualifier</b> Code giving a specific meaning to a physical or logical state. 1                      Upon receipt At the time of receipt.	<b>M an..3</b>
>>	C564		<b>Physical or Logical State Information</b> To give information in coded or clear text form on the physical or logical state.	<b>M</b>
		7007	<b>Physical or logical state, coded</b> Code of the physical or logical state. 3                      Wrong identification The actual identification is different from the given identification.	<b>C an..3</b>
X		1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.97A 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.97A Data Element Dictionary for acceptable code values.	<b>C an..3</b>
X		7006	<b>Physical or logical state</b> Description of the physical or logical state.	<b>C an..35</b>

**Group:** **RFF** Segment Group 28: Reference  
**Position:** 0840  
**Group:** Segment Group 22 (Line Item) Mandatory  
**Level:** 3  
**Usage:** Conditional  
**Max Use:** 10  
**Purpose:**

**Segment Summary**

	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0850	RFF	Reference	M	1	



**Segment:** **RFF** Reference  
**Position:** 0850  
**Group:** Segment Group 28 (Reference) Conditional  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify a reference.  
**Comments:**  
**Notes:** RFF+CR:DR24327'

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C506	Reference	M
		Identification of a reference.	
>>	1153	Reference qualifier	M an..3
		Code giving specific meaning to a reference segment or a reference number.	
		CR Customer reference number	
		Reference number assigned by the customer to a transaction.	
>>	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.	
X	1156	Line number	C an..6
		Number of the line in the document/message referenced in 1154 Reference number.	
X	4000	Reference version number	C an..35
		To uniquely identify a reference by its revision number.	

## Summary

**Segment:** **UNT** Message Trailer  
**Position:** 1000  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of a Message  
**Comments:**  
**Notes:** UNT+359+1'

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>> 0074		<b>Number of segments in a message</b> Control count of number of segments in a message.	<b>M n..6</b>
>> 0062		<b>Message reference number</b> Unique message reference assigned by the sender. Must match the message reference number in the UNH.	<b>M an..14</b>

## RECADV EXAMPLE

UNH+1+RECADV:D:97A:UN'  
BGM+13+200916+9'  
DTM+137:199801071600:203'  
RFF+SI:393876'  
DOC+351'  
CDI+1+2'  
NAD+SU+987600001::16'  
NAD+MI+88835::92'  
NAD+ST+48069::92'  
TDT+13+++31+CETR::182'  
EQD+RR+CR1487'  
CPS+1++4'  
LIN+++12557089:IN'  
QTY+48:152'  
QTY+12:300'  
QVR+148:119'  
CDI+1+3'  
RFF+CR:DR24327'  
UNT+19+1'

## RECADV Guideline Change Log

Item Number	Segment Group	Segment	Composite Code	Component	Code Values	Detail of Change
98.1.1	SG10	TDT	C220	8067		Added component data element 8067 in TDT Segment Group 10.
98.1.2	0030	DTM		2380 & 2379		Changed component elements to mandatory
98.1.3	SG1	DTM		2379		Changed component element to mandatory