



GENERAL MOTORS IMPLEMENTATION GUIDELINES
FOR
INVOIC MESSAGE
INVOICE 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 INVOIC MESSAGE. The function of this message is to establish payment for goods or services supplied under conditions agreed between the seller and the buyer. Either trading partner in the buying/selling process may send the message. The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages. Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'. GM intends to use this message to support the following business processes:

- Payment on Receipt
- Self Billing
- Commercial Invoicing
- Acquisition Business Card Process

Specific questions regarding any of these business practices will be addressed in a separate message guideline published strictly for that purpose.

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 810 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 INVOIC 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 to the EDIFACT field parameters.

USE OF EDIFACT AND ISO DATA ELEMENT DICTIONARYS

There is one exception to the statement in the gray notes fields throughout this document that reads, "GM may send any code listed in the Data Dictionary". GM will not send codes Z, ZZ or ZZZ (described as mutually defined) because they are not specific and cannot be applied to all GM applications.

VERSION

The INVOIC MESSAGE has been developed based on version 97A of the EDIFACT Standard.

RESPONSIBILITY

This document was developed by the General Motors Materials Management EDIFACT Guideline Development group with the approval of the GM Electronic Commerce Business Process Team (ECBPT) and distributed internally to all General Motors EDI and CISCO Coordinators.

MAINTENANCE

Changes to this document will be reviewed by the General Motors Materials Management Maintenance Work Group and will be subject to corporate approval through the ECBPT. The change process can only be initiated by individuals/organizations within the General Motors Corporation.

BOILERPLATE

SEGMENT CLARIFICATION

Heading Section:

UNH Message Header

A service segment starting and uniquely identifying a message. The message type code for the Invoice message is INVOIC.

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

Data element	0065 INVOIC	0052 D	0054 97A	0051 UN
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BGM Beginning of Message

A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

DTM Date/Time/Period

A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the invoice date. Examples of the use of this DTM segment is: "shipped on date" or "delivery date".

The Date/time/period segment within other Segment groups should be used whenever the date/time/period requires to be logically related to another specified data item e.g. Payment due date is specified within the PAT Segment group.

PAI Payment Instructions

A segment requesting or confirming conditions of payment, guarantee and method of payment for the whole invoice. An example of the use of this segment is to specify the type of documentary credit used in the transaction.

FTX Free Text

A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Segment Group 1: RFF-DTM-GIR-LOC-MEA-QTY-FTX-MOA

A group of segments for giving references and where necessary, their dates, related identification numbers, locations, measurements, quantities, free text and monetary amounts, relating to the whole message, e.g. contract information, import or export license information, despatch advice information.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

DTM Date/Time/Period

A segment specifying the date/time related to the reference.

Segment Group 2: NAD-LOC-FII-SG3-SG4-SG5

A group of segments identifying the parties with associated information.

NAD Name and Address

A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice. Identification of the seller and buyer parties is mandatory for the invoice message. 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, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

Segment Group 3: RFF-DTM

A group of segment for giving references only relevant to the specified party rather than the whole invoice.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

Segment Group 6: TAX-MOA-LOC

A group of segments specifying tax related information, and when necessary, the location(s) to which that tax information relates.

TAX Duty/Tax/Fee Details

A segment specifying a tax type, category and rate or exemption, relating to the whole invoice e.g. Value Added Tax at the standard rate is applicable for all items.

MOA Monetary Amount

A segment specifying the amount for the identified tax/fee.

Segment Group 7: CUX-DTM

A group of segments specifying the currencies and related dates/periods valid for the whole invoice. Currency data maybe omitted in national applications but will be required for international transactions.

CUX Currencies

A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.

Segment Group 8: PAT-DTM-PCD-MOA-PAI-FII

A group of segments specifying the terms of payment applicable for the whole invoice.

PAT Payment Terms Basis

A segment identifying the payment terms and date/time basis.

DTM Date/Time/Period

A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc.

Segment Group 9: TDT-TSR-SG10-SG11

A group of segments identifying the mode and means of transport, contract of carriage, location and relevant dates and times for transportation, relating to the whole invoice.

TDT Details of Transport

A segment specifying the mode, means and identification of the transport for the goods being invoiced.

Segment Group 11: RFF-DTM

A group of segments to allow reference to transport details.

RFF Reference

A segment giving reference to transport details.

Segment Group 13: PAC-MEA-EQD-SG14

A group of segments identifying the packaging, physical dimensions and marks and numbers for goods referenced by the whole invoice.

PAC Package

A segment specifying the number and type of packages for the whole invoice, e.g. number and type of pallets.

MEA Measurements

A segment specifying physical measurements of packages described in the PAC segment. e.g. package length, weight.

Detail Section:

Segment Group 25: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-GIN-GIR-QVR-EQD-FTX-DGS-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44-SG46-SG47-SG48

A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 22 within an invoice, but not necessarily in a credit note or a debit note. This Segment group may be repeated to give sub-line details.

LIN Line Item

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

PIA Additional Product Id

A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

IMD Item Description

A segment for describing the product or service being invoiced as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

QTY Quantity

A segment identifying the product quantities e.g. invoiced quantity.

ALI Additional Information

A segment indicating that the line item is subject to special conditions owing to origin, customs preference, embargo regulations or commercial factors.

DTM Date/Time/Period

A segment specifying date/time/period details relating to the line item only.

Segment Group 26: MOA-CUX

A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

MOA Monetary Amount

A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.

Segment Group 27: PAT-DTM-PCD-MOA

A group of segments specifying the terms of payment for the line item where this is different to that specified in the heading section.

PAT Payment Terms Basis

A segment identifying the payment terms and date/time basis.

PCD Percentage Details

A segment specifying discount, interest, penalty as well as instalment percentage.

MOA Monetary Amount

A segment specifying amounts related to payment discount penalties or instalments.

Segment Group 28: PRI-CUX-APR-RNG-DTM

A group of segments identifying the relevant pricing information for the goods or services invoiced.

PRI Price Details

A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'. Indication of "net price" or "gross price" can be given in 5387 "Price type qualifier".

Segment Group 29: RFF-DTM

A group giving references and where necessary, their dates, relating to the line item.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

DTM Date/Time/Period

A segment specifying the date/time related to the reference.

Segment Group 30: PAC-MEA-EQD-SG31

A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item.

PAC Package

A segment specifying the number and type of packages for the line item, e.g. number and type of pallets.

MEA Measurements

A segment specifying physical measurements of packages described in the PAC segment e.g. package length, weight.

Segment Group 33: TAX-MOA-LOC

A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.

TAX Duty/Tax/Fee Details

A segment specifying a tax type, category and rate, or exemption, relating to the line item.

MOA Monetary Amount

A segment specifying the amount for the identified tax/fee.

Segment Group 34: NAD-LOC-SG35-SG36-SG37

A group of segments identifying the parties with associated information, relevant to the line item only.

NAD Name and Address

A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the line item.

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, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

LOC Place/Location Identification

A segment giving more specific location information of the party specified in the NAD segment e.g. internal site/building number.

Segment Group 35: RFF-DTM

A group of segment for giving references only relevant to the specified party rather than the whole line item.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

DTM Date/Time/Period

A segment specifying the date and/or time related to the reference.

Segment Group 37: CTA-COM

A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

CTA Contact Information

A segment to identify a person or department, and their function, to whom communications should be directed.

Segment Group 38: ALC-ALI-DTM-FTX-SG39-SG40-SG41-SG42-SG43

A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section.

ALC Allowance or Charge

A segment identifying the charge or allowance and, where necessary its calculation sequence.

Segment Group 41: MOA-RNG-CUX-DTM

A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified, e.g. an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.

MOA Monetary Amount

A segment identifying the monetary amount for the allowance or charge.

Segment Group 44: TDT-SG45

A group of segments identifying the mode and means of transport, location and relevant dates and times for transportation, relating to the line item, where this is different to or not specified within the heading section.

TDT Details of Transport

A segment specifying the mode, means and identification of the transport for the goods in the line item.

Section Control:**UNS Section Control**

A mandatory service segment placed before the first user segment in the summary section to avoid segment collision.

Summary Section:**CNT Control Total**

A segment by which control totals may be provided by the sender for checking by the receiver.

Segment Group 49: MOA-SG50

A group of segments giving total amounts for the whole invoice and - if relevant -detailing amounts pre-paid with relevant references and dates.

MOA Monetary Amount

A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.

Segment Group 51: TAX-MOA

A group of segments specifying taxes totals for the invoice.

TAX Duty/Tax/Fee Details

A segment specifying the tax type to be summarized.

MOA Monetary Amount

A segment specifying the summary amount for the tax specified.

Segment Group 52: ALC-ALI-MOA-FTX

A group of segments specifying allowances and charges summary totals for the invoice.

ALC Allowance or Charge

A segment identifying the charge or allowance type to be summarised.

MOA Monetary Amount

A segment specifying the summary amount for the allowance or charge.

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.

SEGMENT DIRECTORY

INVOIC Invoice Message

Introduction:

A message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer. The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages. Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'.

Heading Section:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>	<u>Notes and</u> <u>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	35		
	0040	PAI	Payment Instructions	C	1		
Not Used	0050	ALI	Additional Information	C	5		
Not Used	0060	IMD	Item Description	C	1		
	0070	FTX	Free Text	C	10		
Not Used	0080	LOC	Place/Location Identification	C	10		
Not Used	0090	GIS	General Indicator	C	10		
Not Used	0100	DGS	Dangerous Goods	C	1		
	0110		Segment Group 1: RFF-DTM-GIR-LOC-MEA-QTY-FTX-MOA	C		99	
Must Use	0120	RFF	Reference	M	1		
	0130	DTM	Date/Time/Period	C	5		
Not Used	0140	GIR	Related Identification Numbers	C	5		
Not Used	0150	LOC	Place/Location Identification	C	2		
Not Used	0160	MEA	Measurements	C	5		
Not Used	0170	QTY	Quantity	C	2		
Not Used	0180	FTX	Free Text	C	5		
Not Used	0190	MOA	Monetary Amount	C	2		
	0200		Segment Group 2: NAD-LOC-FII-SG3-SG4-SG5	C		99	
Must Use	0210	NAD	Name and Address	M	1		
Not Used	0220	LOC	Place/Location Identification	C	25		
Not Used	0230	FII	Financial Institution Information	C	5		
	0240		Segment Group 3: RFF-DTM	C		9999	
Must Use	0250	RFF	Reference	M	1		
Not Used	0260	DTM	Date/Time/Period	C	5		
	0270		Segment Group 4: DOC-DTM	C		5	
Not Used	0280	DOC	Document/Message Details	M	1		
Not Used	0290	DTM	Date/Time/Period	C	5		
	0300		Segment Group 5: CTA-COM	C		5	
Not Used	0310	CTA	Contact Information	M	1		
Not Used	0320	COM	Communication Contact	C	5		

	0330		Segment Group 6: TAX-MOA-LOC	C	5
Must Use	0340	TAX	Duty/Tax/Fee Details	M	1
	0350	MOA	Monetary Amount	C	1
Not Used	0360	LOC	Place/Location Identification	C	5
	0370		Segment Group 7: CUX-DTM	C	5
Must Use	0380	CUX	Currencies	M	1
Not Used	0390	DTM	Date/Time/Period	C	5
	0400		Segment Group 8: PAT-DTM-PCD-MOA-PAI-FII	C	10
Must Use	0410	PAT	Payment Terms Basis	M	1
	0420	DTM	Date/Time/Period	C	5
Not Used	0430	PCD	Percentage Details	C	1
Not Used	0440	MOA	Monetary Amount	C	1
Not Used	0450	PAI	Payment Instructions	C	1
Not Used	0460	FII	Financial Institution Information	C	1
	0470		Segment Group 9: TDT-TSR-SG10-SG11	C	10
Must Use	0480	TDT	Details of Transport	M	1
Not Used	0490	TSR	Transport Service Requirements	C	1
Not Used	0500		Segment Group 10: LOC-DTM	C	10
Not Used	0510	LOC	Place/Location Identification	M	1
Not Used	0520	DTM	Date/Time/Period	C	5
	0530		Segment Group 11: RFF-DTM	C	9999
Must Use	0540	RFF	Reference	M	1
Not Used	0550	DTM	Date/Time/Period	C	5
Not Used	0560		Segment Group 12: TOD-LOC	C	5
Not Used	0570	TOD	Terms of Delivery or Transport	M	1
Not Used	0580	LOC	Place/Location Identification	C	2
	0590		Segment Group 13: PAC-MEA-EQD-SG14	C	1000
Must Use	0600	PAC	Package	M	1
	0610	MEA	Measurements	C	5
Not Used	0620	EQD	Equipment Details	C	1
Not Used	0630		Segment Group 14: PCI-RFF-DTM-GIN	C	5
Not Used	0640	PCI	Package Identification	M	1
Not Used	0650	RFF	Reference	C	1
Not Used	0660	DTM	Date/Time/Period	C	5
Not Used	0670	GIN	Goods Identity Number	C	5
Not Used	0680		Segment Group 15: ALC-ALI-FTX-SG16-SG17-SG18-SG19-SG20-SG21	C	9999
Not Used	0690	ALC	Allowance or Charge	M	1
Not Used	0700	ALI	Additional Information	C	5
Not Used	0710	FTX	Free Text	C	1
Not Used	0720		Segment Group 16: RFF-DTM	C	5
Not Used	0730	RFF	Reference	M	1
Not Used	0740	DTM	Date/Time/Period	C	5
Not Used	0750		Segment Group 17: QTY-RNG	C	1
Not Used	0760	QTY	Quantity	M	1
Not Used	0770	RNG	Range Details	C	1

Not Used	0780		Segment Group 18: PCD-RNG	C	1
Not Used	0790	PCD	Percentage Details	M	1
Not Used	0800	RNG	Range Details	C	1
Not Used	0810		Segment Group 19: MOA-RNG-CUX-DTM	C	2
Not Used	0820	MOA	Monetary Amount	M	1
Not Used	0830	RNG	Range Details	C	1
Not Used	0840	CUX	Currencies	C	1
Not Used	0850	DTM	Date/Time/Period	C	1
Not Used	0860		Segment Group 20: RTE-RNG	C	1
Not Used	0870	RTE	Rate Details	M	1
Not Used	0880	RNG	Range Details	C	1
Not Used	0890		Segment Group 21: TAX-MOA	C	5
Not Used	0900	TAX	Duty/Tax/Fee Details	M	1
Not Used	0910	MOA	Monetary Amount	C	1
Not Used	0920		Segment Group 22: RCS-RFF-DTM-FTX	C	100
Not Used	0930	RCS	Requirements and Conditions	M	1
Not Used	0940	RFF	Reference	C	5
Not Used	0950	DTM	Date/Time/Period	C	5
Not Used	0960	FTX	Free Text	C	5
Not Used	0970		Segment Group 23: AJT-FTX	C	1
Not Used	0980	AJT	Adjustment Details	M	1
Not Used	0990	FTX	Free Text	C	5
Not Used	1000		Segment Group 24: INP-FTX	C	1
Not Used	1010	INP	Parties and Instruction	M	1
Not Used	1020	FTX	Free Text	C	5

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>
	1030		Segment Group 25: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-GIN-GIR-QVR-EQD-FTX-DGS-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44-SG46-SG47-SG48	C		9999999	
Must Use	1040	LIN	Line Item	M	1		
	1050	PIA	Additional Product Id	C	25		
	1060	IMD	Item Description	C	10		
Not Used	1070	MEA	Measurements	C	5		
	1080	QTY	Quantity	C	5		
Not Used	1090	PCD	Percentage Details	C	1		
	1100	ALI	Additional Information	C	5		
	1110	DTM	Date/Time/Period	C	35		
Not Used	1120	GIN	Goods Identity Number	C	1000		
Not Used	1130	GIR	Related Identification Numbers	C	1000		
Not Used	1140	QVR	Quantity Variances	C	1		
Not Used	1150	EQD	Equipment Details	C	1		
Not Used	1160	FTX	Free Text	C	5		
Not Used	1170	DGS	Dangerous Goods	C	1		
	1180		Segment Group 26: MOA-CUX	C		10	

Must Use	1190	MOA	Monetary Amount	M	1
Not Used	1200	CUX	Currencies	C	1
	1210		Segment Group 27: PAT-DTM-PCD-MOA	C	10
Must Use	1220	PAT	Payment Terms Basis	M	1
Not Used	1230	DTM	Date/Time/Period	C	5
	1240	PCD	Percentage Details	C	1
	1250	MOA	Monetary Amount	C	1
	1260		Segment Group 28: PRI-CUX-APR-RNG-DTM	C	25
Must Use	1270	PRI	Price Details	M	1
Not Used	1280	CUX	Currencies	C	1
Not Used	1290	APR	Additional Price Information	C	1
Not Used	1300	RNG	Range Details	C	1
Not Used	1310	DTM	Date/Time/Period	C	5
	1320		Segment Group 29: RFF-DTM	C	10
Must Use	1330	RFF	Reference	M	1
	1340	DTM	Date/Time/Period	C	5
	1350		Segment Group 30: PAC-MEA-EQD-SG31	C	10
Must Use	1360	PAC	Package	M	1
	1370	MEA	Measurements	C	10
Not Used	1380	EQD	Equipment Details	C	1
Not Used	1390		Segment Group 31: PCI-RFF-DTM-GIN	C	10
Not Used	1400	PCI	Package Identification	M	1
Not Used	1410	RFF	Reference	C	1
Not Used	1420	DTM	Date/Time/Period	C	5
Not Used	1430	GIN	Goods Identity Number	C	10
	1440		Segment Group 32: LOC-QTY-DTM	C	9999
Not Used	1450	LOC	Place/Location Identification	M	1
Not Used	1460	QTY	Quantity	C	100
Not Used	1470	DTM	Date/Time/Period	C	5
	1480		Segment Group 33: TAX-MOA-LOC	C	99
Must Use	1490	TAX	Duty/Tax/Fee Details	M	1
	1500	MOA	Monetary Amount	C	1
Not Used	1510	LOC	Place/Location Identification	C	5
	1520		Segment Group 34: NAD-LOC-SG35-SG36-SG37	C	99
Must Use	1530	NAD	Name and Address	M	1
	1540	LOC	Place/Location Identification	C	5
	1550		Segment Group 35: RFF-DTM	C	5
Must Use	1560	RFF	Reference	M	1
	1570	DTM	Date/Time/Period	C	5
	1580		Segment Group 36: DOC-DTM	C	5
Not Used	1590	DOC	Document/Message Details	M	1
Not Used	1600	DTM	Date/Time/Period	C	5
	1610		Segment Group 37: CTA-COM	C	5
Must Use	1620	CTA	Contact Information	M	1
Not Used	1630	COM	Communication Contact	C	5

	1640		Segment Group 38: ALC-ALI-DTM-FTX-SG39-SG40-SG41-SG42-SG43	C	30
Must Use	1650	ALC	Allowance or Charge	M	1
Not Used	1660	ALI	Additional Information	C	5
Not Used	1670	DTM	Date/Time/Period	C	5
Not Used	1680	FTX	Free Text	C	1
Not Used	1690		Segment Group 39: QTY-RNG	C	1
Not Used	1700	QTY	Quantity	M	1
Not Used	1710	RNG	Range Details	C	1
Not Used	1720		Segment Group 40: PCD-RNG	C	1
Not Used	1730	PCD	Percentage Details	M	1
Not Used	1740	RNG	Range Details	C	1
	1750		Segment Group 41: MOA-RNG-CUX-DTM	C	2
Must Use	1760	MOA	Monetary Amount	M	1
Not Used	1770	RNG	Range Details	C	1
Not Used	1780	CUX	Currencies	C	1
Not Used	1790	DTM	Date/Time/Period	C	1
Not Used	1800		Segment Group 42: RTE-RNG	C	1
Not Used	1810	RTE	Rate Details	M	1
Not Used	1820	RNG	Range Details	C	1
Not Used	1830		Segment Group 43: TAX-MOA	C	5
Not Used	1840	TAX	Duty/Tax/Fee Details	M	1
Not Used	1850	MOA	Monetary Amount	C	1
	1860		Segment Group 44: TDT-SG45	C	10
Must Use	1870	TDT	Details of Transport	M	1
Not Used	1880		Segment Group 45: LOC-DTM	C	10
Not Used	1890	LOC	Place/Location Identification	M	1
Not Used	1900	DTM	Date/Time/Period	C	5
Not Used	1910		Segment Group 46: TOD-LOC	C	5
Not Used	1920	TOD	Terms of Delivery or Transport	M	1
Not Used	1930	LOC	Place/Location Identification	C	2
Not Used	1940		Segment Group 47: RCS-RFF-DTM-FTX	C	100
Not Used	1950	RCS	Requirements and Conditions	M	1
Not Used	1960	RFF	Reference	C	5
Not Used	1970	DTM	Date/Time/Period	C	5
Not Used	1980	FTX	Free Text	C	5
Not Used	1990		Segment Group 48: GIS-RFF-DTM-GIR-LOC-MEA-QTY-FTX-MOA	C	10
Not Used	2000	GIS	General Indicator	M	1
Not Used	2010	RFF	Reference	C	1
Not Used	2020	DTM	Date/Time/Period	C	5
Not Used	2030	GIR	Related Identification Numbers	C	5
Not Used	2040	LOC	Place/Location Identification	C	2
Not Used	2050	MEA	Measurements	C	5
Not Used	2060	QTY	Quantity	C	2
Not Used	2070	FTX	Free Text	C	5
Not Used	2080	MOA	Monetary Amount	C	2

Section Control:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	2090	UNS	Section Control	M	1		

Summary Section:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
	2100	CNT	Control Total	C	10		
Must Use	2110		Segment Group 49: MOA-SG50	M		100	
Must Use	2120	MOA	Monetary Amount	M	1		
Not Used	2130		Segment Group 50: RFF-DTM	C		1	
Not Used	2140	RFF	Reference	M	1		
Not Used	2150	DTM	Date/Time/Period	C	5		
	2160		Segment Group 51: TAX-MOA	C		10	
Must Use	2170	TAX	Duty/Tax/Fee Details	M	1		
	2180	MOA	Monetary Amount	C	2		
	2190		Segment Group 52: ALC-ALI-MOA-FTX	C		15	
Must Use	2200	ALC	Allowance or Charge	M	1		
Not Used	2210	ALI	Additional Information	C	1		
	2220	MOA	Monetary Amount	C	2		
Not Used	2230	FTX	Free Text	C	1		
Must Use	2240	UNT	Message Trailer	M	1		

DATA SEGMENTS

Heading

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

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. Must match the message reference number in the UNT.	M an..14
>>	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
>>		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. INVOIC Invoice message A code to identify the invoice message.	M an..6
>>		0052	Message type version number 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).	M an..3
>>		0054	Message type release number 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).	M an..3
>>		0051	Controlling agency 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).	M an..2
X		0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	C an..6
X	0068		COMMON ACCESS REFERENCE	C an..35

		Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	
X	S010	STATUS OF THE TRANSFER	C
		Statement that the message is one in a sequence of transfers relating to the same topic.	
X	0070	Sequence message transfer number	M n..2
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	
X	0073	First/last sequence message transfer indication	C a1
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic.	
X	S016	Message subset identification	C
X	0115	Message subset identification	M an..14
X	0116	Message subset version number	C an..3
X	0118	Message subset version release number	C an..3
X	0051	Controlling agency, coded	C an..3
X	S017	Message Implementation Guideline Identification	C
X	0121	Message implementation guideline identification	M an..14
X	0122	Message implementation guideline version number	C an..3
X	0124	Message implementation guideline release number	C an..3
X	0051	Controlling agency, coded	C an..3
X	S018	Scenario Identification	C
X	0127	Scenario identification	M an..14
X	0128	Scenario version number	C an..3
X	0130	Scenario release number	C an..3
X	0051	Controlling agency, coded	C an..3

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.
Syntax Notes:
Semantic Notes:
Comments:
Notes: BGM+380+ARF1+9'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C
		Identification of a type of document/message by code or name. Code preferred.	
	1001	Document/message name, coded	C an..3
		Document/message identifier expressed in code.	
		380 Commercial invoice	
		Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.	
		381 Credit note	
		Document/message for providing credit information to the relevant party.	
		91G Advice of unpriced material	
	1131	Code list qualifier	C an..3
C106		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
	1000	Document/message name	C an..35
		Plain language identifier specifying the function of a document/message.	
		DOCUMENT/MESSAGE IDENTIFICATION	C
		Identification of a document/message by its number and eventually its version or revision.	
	1004	Document/message number	C an..35
X		Reference number assigned to the document/message by the issuer.	
		The document number will be used as the INVOICE number when only one invoice is included within the message.	
	1056	Version	C an..9
		To specify the version number or name of an object.	
	1060	Revision number	C an..6
		To specify a revision number.	
	1225	MESSAGE FUNCTION, CODED	C an..3
		Code indicating the function of the message.	
		4 Change	
		Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.	

Initial transmission related to a given transaction.

X**4343****RESPONSE TYPE, CODED****C an..3**

Code specifying the type of acknowledgment required or transmitted.

Refer to D.97A Data Element Dictionary for acceptable code values.

Segment: DTM Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 35
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes: DTM+137:19980210:102'

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.	
		17	Delivery date/time, estimated	
			Date and/or time when the shipper of the goods expects delivery will take place.	
		137	Document/message date/time	
			(2006) Date/time when a document/message is issued.	
			This may include authentication.	
			This is the date of the shipment.	
>>		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.	
		203	CCYYMMDDHHMM	
			Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

Segment: PAI **Payment Instructions**
Position: 0040
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify the instructions for payment.
Syntax Notes:
Semantic Notes:
Comments:
Notes: PAI+::21'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C534		PAYMENT INSTRUCTION DETAILS	M
			Indication of method of payment employed or to be employed.	
X		4439	Payment conditions, coded	C an..3
			Identification of the method employed or to be employed in order that a payment may be made or regarded as made. The method may or may not be tied to a guarantee. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		4431	Payment guarantee, coded	C an..3
			Identification of the means of guarantee. Refer to D.97A Data Element Dictionary for acceptable code values.	
		4461	Payment means, coded	C an..3
			Indication of the instrument of payment, which may include a guarantee.	
			1 Instrument not defined	
			20 Cheque	
			21 Banker's draft	
			Issue of a banker's draft in payment of the funds.	
			23 Bank cheque (issued by a banking or similar establishment)	
			30 Credit transfer	
X		1131	Code list qualifier	C an..3
			Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		4435	Payment channel, coded	C an..3
			Identification of the channel of payment. Refer to D.97A Data Element Dictionary for acceptable code values.	

Segment:	FTX Free Text
Position:	0070
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	10
Purpose:	To provide free form or coded text information.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Used only in Payment on Receipt Business Process
	Use of this segment will be discouraged

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAI General information	M an..3
X	4453		TEXT FUNCTION, CODED Code specifying how to handle the text. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C
X		4441	Free text identification Free text in coded form.	M an..17
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C108		TEXT LITERAL Free text; one to five lines.	C
>>		4440	Free text Free text field available to the message sender for information.	M an..70
X		4440	Free text Free text field available to the message sender for information.	C an..70
X		4440	Free text Free text field available to the message sender for information.	C an..70
X		4440	Free text Free text field available to the message sender for information.	C an..70
X		4440	Free text Free text field available to the message sender for information.	C an..70
X	3453		LANGUAGE, CODED Code of language (ISO 639-1988).	C an..3

Group: **RFF** Segment Group 1: Reference
Position: 0110
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0120	RFF	Reference	M	1	
	0130	DTM	Date/Time/Period	C	5	

Segment: **RFF** Reference
Position: 0120 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.
Syntax Notes:
Semantic Notes:
Comments:
Notes: RFF+SI:4568'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C506		REFERENCE Identification of a reference.	M
>>		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number. CN Carrier's reference number Reference number assigned by carrier to a consignment. ON Order number (purchase) [1022] Reference number assigned by the buyer to an order. SI SID (Shipper's identifying number for shipment) Description to be provided. We recommend that the Invoice number should match the SID number and transmitted in the BGM segment. Only when the numbers are different, should information be transmitted with the 'SI' qualifier.	M an..3
>>		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C an..35
X		1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6
X		4000	Reference version number To uniquely identify a reference by its revision number.	C an..35

Segment: **DTM** Date/Time/Period
Position: 0130
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes: DTM+11:199802100523:203'

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.	
		4	Order date/time	
			[2010] Date when an order is issued.	
		11	Despatch date and or time	
			(2170) Date/time on which the goods are or are expected to be despatched or shipped.	
>>		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.	
		203	CCYYMMDDHHMM	
			Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

Group: **NAD** Segment Group 2: Name and Address
Position: 0200
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0210	NAD	Name and Address	M	1	
	0240		Segment Group 3: Reference	C		9999

Segment: **NAD** Name and Address
Position: 0210 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Optional)
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.

Syntax Notes:

Semantic Notes:

Comments:

Notes:

NAD+ST+10010010::16'
 NAD+BT+ACD::92++GENERAL MOTORS CORP'
 NAD+SF+11111119::16'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	3035		PARTY QUALIFIER	M an..3
			Code giving specific meaning to a party.	
		BT	Party to be billed for other than freight (bill to)	
			Party receiving invoice excluding freight costs.	
		SE	Seller	
			(3346) Party selling merchandise to a buyer.	
		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		PARTY IDENTIFICATION DETAILS	C
			Identification of a transaction party by code.	
>>		3039	Party id. identification	M an..35
			Code identifying a party involved in a transaction.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
>>		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
		16	DUNS (Dun & Bradstreet)	
		92	Assigned by buyer or buyer's agent	
X	C058		NAME AND ADDRESS	C
			Unstructured name and address: one to five lines.	
X		3124	Name and address line	M an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35

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

Group: **RFF** Segment Group 3: Reference
Position: 0240
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0250	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0250 (Trigger Segment)
Group: Segment Group 3 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.
Syntax Notes:
Semantic Notes:
Comments:
Notes: RFF+ADE:10100923'

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.	
		ADE	Account number	
			Identification number of an account.	
		VA	VAT registration number	
			Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).	
		XA	Company/place registration number	
			Company registration and place as legally required.	
>>		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.	

Group: **TAX** Segment Group 6: Duty/Tax/Fee Details
Position: 0330
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose:

	Pos.	Seg.	Segment Summary	Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0340	TAX	Duty/Tax/Fee Details	M	1	
	0350	MOA	Monetary Amount	C	1	
	0360	LOC	Place/Location Identification	C	5	

Segment: **TAX** **Duty/Tax/Fee Details**
Position: 0340 (Trigger Segment)
Group: Segment Group 6 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify relevant duty/tax/fee information.
Syntax Notes:
Semantic Notes:
Comments:
Notes: TAX+7+OTH:::HST'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax Contribution levied by an authority.	M an..3
	C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C
		5153	Duty/tax/fee type, coded Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. GST Goods and services tax Tax levied on the final consumption of goods and services throughout the production and distribution chain. LOC Local sales taxes Assessment charges on sale of goods or services by city, borough country or other taxing authorities below state or provincial level. OTH Other taxes Unspecified, miscellaneous tax charges.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
		5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services. This data element should be used in conjunction with data element 5153 to further clarify the type of tax information being provided. Generally, when the code qualifier is 'OTH' the data provided in this field should be 'HST' representing the Harmonized Sales Tax. Also, when the code qualifier is 'LOC' the data provided in this field should be 'QST' representing the Quebec Sales Tax.	C an..35
X	C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C

X		5289	Duty/tax/fee account identification	M an..6
			Identification of a particular duty, tax or fee.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15
			Value or quantity on which a duty or tax will be assessed.	
X	C243		DUTY/TAX/FEE DETAIL	C
			Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	
X		5279	Duty/tax/fee rate identification	C an..7
			Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		5278	Duty/tax/fee rate	C an..17
			Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
X		5273	Duty/tax/fee rate basis identification	C an..12
			Identification of the various elements of tax combination to be attributed to a commodity.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	5305		DUTY/TAX/FEE CATEGORY, CODED	C an..3
			Code identifying a tax/duty/fee category within a tax/duty/fee type system.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3446		PARTY TAX IDENTIFICATION NUMBER	C an..20
			Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	

Segment: **MOA** Monetary Amount
Position: 0350
Group: Segment Group 6 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify a monetary amount.
Syntax Notes:
Semantic Notes:
Comments:
Notes: MOA+124:28.76'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C516		MONETARY AMOUNT	M
			Amount of goods or services stated as a monetary amount in a specified currency.	
>>		5025	Monetary amount type qualifier	M an..3
			Indication of type of amount.	
			124 Tax amount	
			Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.	
		5004	Monetary amount	C n..18
			Number of monetary units.	
			Up to 4 decimal digits can be given preceded by an explicit decimal point.	
X		6345	Currency, coded	C an..3
			Identification of the name or symbol of the monetary unit involved in the transaction.	
X		6343	Currency qualifier	C an..3
			Code giving specific meaning to data element 6345 Currency.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		4405	Status, coded	C an..3
			Provides information regarding a status.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

Group: CUX Segment Group 7: Currencies
Position: 0370
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0380	CUX	Currencies	M	1	

Segment:	CUX Currencies
Position:	0380 (Trigger Segment)
Group:	Segment Group 7 (Currencies) Conditional (Optional)
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	To specify currencies used in the transaction and relevant details for the rate of exchange.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	CUX+2:USD'

Data Element Summary

	<u>Data Element</u> C504	<u>Component Element</u> <u>Name</u>	<u>Attributes</u>
		CURRENCY DETAILS	C
		The usage to which a currency relates.	
>>	6347	Currency details qualifier	M an..3
		Specification of the usage to which the currency relates.	
		2 Reference currency	
		The currency applicable to amounts stated. It may have to be converted.	
	6345	Currency, coded	C an..3
		Identification of the name or symbol of the monetary unit involved in the transaction.	
		The ISO 4217 three character alpha codes will be used.	
X	6343	Currency qualifier	C an..3
		Code giving specific meaning to data element 6345 Currency.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	6348	Currency rate base	C n..4
		Multiplying factor used in expressing the number of currency units.	
X	C504	CURRENCY DETAILS	C
		The usage to which a currency relates.	
X	6347	Currency details qualifier	M an..3
		Specification of the usage to which the currency relates.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	6345	Currency, coded	C an..3
		Identification of the name or symbol of the monetary unit involved in the transaction.	
X	6343	Currency qualifier	C an..3
		Code giving specific meaning to data element 6345 Currency.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	6348	Currency rate base	C n..4
		Multiplying factor used in expressing the number of currency units.	
X	5402	RATE OF EXCHANGE	C n..12
		The rate at which one specified currency is expressed in another specified currency.	
X	6341	CURRENCY MARKET EXCHANGE, CODED	C an..3
		Code identifying the market upon which the currency exchange rate is based.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0400
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0410	PAT	Payment Terms Basis	M	1	
	0420	DTM	Date/Time/Period	C	5	

Segment:	PAT	Payment Terms Basis
Position:	0410 (Trigger Segment)	
Group:	Segment Group 8 (Payment Terms Basis)	Conditional (Optional)
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the payment terms basis.	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	This segment is only used in conjunction with the self-bill invoice process.	
	PAT+1'	

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	4279		PAYMENT TERMS TYPE QUALIFIER	M an..3
			Identification of the type of payment terms.	
		1	Basic	
			Payment conditions normally applied.	
X	C110		PAYMENT TERMS	C
			Terms of payment code from a specified source.	
X		4277	Terms of payment identification	M an..17
			Identification of the terms of payment between the parties to a transaction (generic term).	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		4276	Terms of payment	C an..35
			Conditions of payment between the parties to a transaction (generic term).	
X		4276	Terms of payment	C an..35
			Conditions of payment between the parties to a transaction (generic term).	
X	C112		TERMS/TIME INFORMATION	C
			Time details in payment terms.	
X		2475	Payment time reference, coded	M an..3
			Code relating payment terms to the date of a specific event.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		2009	Time relation, coded	C an..3
			Code relating payment terms to a time before, on or after the reference date.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		2151	Type of period, coded	C an..3
			Agreed or specified period of time (coded).	
X		2152	Number of periods	C n..3
			Number of periods of the type indicated in data element 2151 Type of period, coded.	

Segment: **DTM** **Date/Time/Period**
Position: 0420
Group: Segment Group 8 (Payment Terms Basis) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes: DTM+140:19980408:102'

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.	
		140	Payment due date	
			Date/time at which funds should be made available.	
>>		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: **TDT** Segment Group 9: Details of Transport
Position: 0470
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose:

Segment Summary							
	Pos.	Seg.			Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0480	TDT	Details of Transport		M	1	
	0530		Segment Group 11: Reference		C		9999

Segment: **TDT** Details of Transport
Position: 0480 (Trigger Segment)
Group: Segment Group 9 (Details of Transport) Conditional (Optional)
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. The segment may be pointed to by the TPL segment.

Syntax Notes:

Semantic Notes:

Comments:

Notes: TDT+12++C++FDXR::182'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	8051		TRANSPORT STAGE QUALIFIER	M an..3
			Qualifier giving a specific meaning to the transport details.	
		12	At departure	
			Transport by which goods are moved from the place of departure.	
		25	Delivery carrier all transport	
			Carrier responsible from the point of origin to the final delivery destination.	
	8028		CONVEYANCE REFERENCE NUMBER	C an..17
			Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).	
			Route number	
	C220		MODE OF TRANSPORT	C
			Method of transport code or name. Code preferred.	
		8067	Mode of transport, coded	C an..3
			Coded method of transport used for the carriage of the goods.	
			Use codes from X12 Data Element 91	
			Note: GM has requested additional elements in component element 8179. When available GM will migrate information to that position.	
X		8066	Mode of transport	C an..17
			Method of transport used for the carriage of the goods.	
X	C228		TRANSPORT MEANS	C
			Code and/or name identifying the type of means of transport.	
X		8179	Type of means of transport identification	C an..8
			Code defining the type of the means of transport being utilized.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		8178	Type of means of transport	C an..17
			Description of the type of the means of transport being utilized.	
	C040		CARRIER	C
			Identification of a carrier by code and/or by name. Code preferred.	
>>		3127	Carrier identification	C an..17
			Identification of party undertaking or arranging transport of goods between named points.	
			The Standard Carrier Alpha Code (SCAC) or the General Motors assigned transportation carrier code.	

X		1131 Code list qualifier	C an..3
		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
		3055 Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		92 Assigned by buyer or buyer's agent	
		182 US, Standard Carrier Alpha Code (Motor)	
		Organisation maintaining the SCAC lists and transportation operating in North America.	
		3128 Carrier name	C an..35
		Name of party undertaking or arranging transport of goods between named points.	
X	8101	TRANSIT DIRECTION, CODED	C an..3
		Identification of the point of origin and point of direction.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
	C401	EXCESS TRANSPORTATION INFORMATION	C
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.	
>>		8457 Excess transportation reason, coded	M an..3
		Indication of reason for excess transportation.	
		A Special rail car order, schedule increase forecast change	
		B Engineering change or late release	
		C Specification (schedule) error/overbuilding	
		D Shipment tracing delay	
		E Plant inventory loss	
		F Building ahead of schedule	
		G Vendor behind schedule	
		H Failed to include in last shipment	
		I Carrier loss claim	
		J Transportation failure	
		K Insufficient weight for carload	
		L Reject or discrepancy (material rejected in prior shipment)	
		M Transportation delay	
		N Lack of railcar or railroad equipment	
		P Releasing error	
		R Record error or cate reported discrepancy report	
		T Common or peculiar part schedule increase	
		U Alternative supplier shipping for responsible supplier	
		V Direct schedule or locally controlled	
		W Purchasing waiver approval	
		X Authorization code to be determined	
		Y Pilot material	
>>		8459 Excess transportation responsibility, coded	M an..3
		Indication of responsibility for excess transportation.	
		A Customer plant (receiving location)	
		B Material release issuer	
		S Supplier authority	
		X Responsibility to be determined	
		7130 Customer authorization number	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	TRANSPORT IDENTIFICATION	C	
		Code and/or name identifying the means of transport.		
X		8213 Id. of means of transport identification	C	an..9
		Identification of the means of transport by name or number.		
X		1131 Code list qualifier	C	an..3
		Identification of a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X		8212 Id. of the means of transport	C	an..35
		Identification of the means of transport by name or number.		
X		8453 Nationality of means of transport, coded	C	an..3
		Coded name of the country in which a means of transport is registered.		
X	8281	TRANSPORT OWNERSHIP, CODED	C	an..3
		Code indicating the ownership of the means of transport.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		

Group: **RFF** Segment Group 11: Reference
Position: 0530
Group: Segment Group 9 (Details of Transport) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0540	RFF	Reference	M	1	

Segment: **RFF** **Reference**
Position: 0540 (Trigger Segment)
Group: Segment Group 11 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.
Syntax Notes:
Semantic Notes:
Comments:
Notes: RFF+CN:28025'

Data Element Summary

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

Group: **PAC** Segment Group 13: Package
Position: 0590
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1000
Purpose:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	0600	PAC	Package	M	1	
	0610	MEA	Measurements	C	5	

Segment: **PAC Package**
Position: 0600 (Trigger Segment)
Group: Segment Group 13 (Package) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To describe the number and type of packages/physical units.
Syntax Notes:
Semantic Notes:
Comments:
Notes: PAC+5'

Data Element Summary

	<u>Data Element</u> 7224	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
			NUMBER OF PACKAGES	C n..8
			Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
X	C531		PACKAGING DETAILS	C
			Packaging level and details, terms and conditions.	
X		7075	Packaging level, coded	C an..3
			Indication of level of packaging specified.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7233	Packaging related information, coded	C an..3
			Code giving packaging, handling and marking related information.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7073	Packaging terms and conditions, coded	C an..3
			Code identifying packaging terms and conditions.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	C202		PACKAGE TYPE	C
			Type of package by name or by code from a specified source.	
X		7065	Type of packages identification	C an..17
			Coded description of the form in which goods are presented.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7064	Type of packages	C an..35
			Description of the form in which goods are presented.	
X	C402		PACKAGE TYPE IDENTIFICATION	C
			Identification of the form in which goods are described.	
X		7077	Item description type, coded	M an..3
			Code indicating the format of a description.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7064	Type of packages	M an..35
			Description of the form in which goods are presented.	
X		7143	Item number type, coded	C an..3
			Identification of the type of item number.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

X		7064	Type of packages	C	an..35
			Description of the form in which goods are presented.		
X		7143	Item number type, coded	C	an..3
			Identification of the type of item number.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C532		RETURNABLE PACKAGE DETAILS	C	
			Indication of responsibility for payment and load contents of returnable packages.		
X		8395	Returnable package freight payment responsibility, coded	C	an..3
			To indicate responsibility for payment of return freight charges for packaging that is returnable.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		8393	Returnable package load contents, coded	C	an..3
			To indicate the composition of goods loaded into a returnable package.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		

Segment:	MEA Measurements
Position:	0610
Group:	Segment Group 13 (Package) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	To specify physical measurements, including dimension tolerances, weights and counts.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	MEA+AAX+G+LBR:800'

Data Element Summary			
	<u>Data Element</u>	<u>Component Element</u> <u>Name</u>	<u>Attributes</u>
>>	6311	MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. AAX Consignment measurement Measurement related to a consignment; to be specified by the measurement code dimension value.	M an..3
	C502	MEASUREMENT DETAILS Identification of measurement type.	C
	6313	Property measured, coded Specification of the property measured. G Gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. N Actual net weight SQ Shipped quantity	C an..3
X		6321 Measurement significance, coded Code specifying the significance of a measurement value. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		6155 Measurement attribute identification Code used to specify non-discrete measurement values. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..17
X		6154 Measurement attribute To specify non-discrete measurement values.	C an..70
	C174	VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.	C
>>	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. See UN/ECE Trade Recommendation 20. GM will accept the following: KGM - kilograms LBR - pounds STN - ton C62 - pieces	M an..3
>>	6314	Measurement value Value of the measured unit.	C an..18
X		6162 Range minimum Minimum of a range.	C n..18
X		6152 Range maximum	C n..18

X	6432	<p>Maximum of a range.</p> <p>Significant digits</p> <p>To specify the number of significant digits.</p>	C n..2
X	7383	<p>SURFACE/LAYER INDICATOR, CODED</p> <p>Code indicating the surface or layer of a product that is being described.</p> <p>Refer to D.97A Data Element Dictionary for acceptable code values.</p>	C an..3

Detail

Group: **LIN** Segment Group 25: Line Item
Position: 1030
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999999
Purpose:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
Must Use	1040	LIN	Line Item	M	1	
	1050	PIA	Additional Product Id	C	25	
	1060	IMD	Item Description	C	10	
	1080	QTY	Quantity	C	5	
	1100	ALI	Additional Information	C	5	
	1110	DTM	Date/Time/Period	C	35	
	1180		Segment Group 26: Monetary Amount	C		10
	1210		Segment Group 27: Payment Terms Basis	C		10
	1260		Segment Group 28: Price Details	C		25
	1320		Segment Group 29: Reference	C		10
	1350		Segment Group 30: Package	C		10
	1480		Segment Group 33: Duty/Tax/Fee Details	C		99
	1520		Segment Group 34: Name and Address	C		99
	1640		Segment Group 38: Allowance or Charge	C		30
	1860		Segment Group 44: Details of Transport	C		10

Segment: **LIN** Line Item
Position: 1040 (Trigger Segment)
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To identify a line item and configuration.
Syntax Notes:
Semantic Notes:
Comments:
Notes: LIN+++12345678:IN'
LIN+++21442999::166'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
X	1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	C an..6
X	1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item.	C an..35
		7143	Item number type, coded Identification of the type of item number. IN Buyer's item number VN Vendor item number Reference number assigned by a vendor/seller identifying a product/service/article. Information should only be provided when the Buyer's Part Number in NOT known.	C an..3
		1131	Code list qualifier Identification of a code list. 166 Social security identification Code assigned by the authority competent to issue social security identification to identify a person. Information regarding the employee's social security number or employee identification number will be provided for the acquisition business card process.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C829		SUB-LINE INFORMATION 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
		5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information. Sub-lines MUST immediately follow the item that they reference	C an..3
		1	Sub-line information	

X	1082	Line item number	C an..6
		Serial number designating each separate item within a series of articles.	
X	1222	CONFIGURATION LEVEL	C n..2
		Number indicating the level of an object which is in a hierarchy.	
X	7083	CONFIGURATION, CODED	C an..3
		Code indicating the status of the sub-line item in the configuration.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	

Segment: **PIA** **Additional Product Id**
Position: 1050
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: To specify additional or substitutional item identification codes.
Syntax Notes:
Semantic Notes:
Comments:
Notes: PIA+1+3456789:GS'
 PIA+4+54321234:IN'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code.	M an..3
		1	Additional identification	
			Information which specifies and qualifies product identifications.	
		4	Substituted for	
			The given item number is the number of the original product substituted by another.	
			Used when the item ordered is different than the item number shipped.	
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M
>>		7140	Item number A number allocated to a group or item.	C an..35
		7143	Item number type, coded Identification of the type of item number.	C an..3
		GS	General specification number	
			Used for specific integrated supplier non-product invoicing - when the associated DIP and Crib numbers are known.	
		IN	Buyer's item number	
X		1131	Code list qualifier Identification of a code list.	C an..3
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
			Refer to D.97A Data Element Dictionary for acceptable code values.	
	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
		7140	Item number A number allocated to a group or item.	C an..35
		7143	Item number type, coded Identification of the type of item number.	C an..3
			Only code values previously specified may be used.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		1131	Code list qualifier	C an..3

			Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
X		7140	Item number A number allocated to a group or item.	C an..35
X		7143	Item number type, coded Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
X		7140	Item number A number allocated to a group or item.	C an..35
X		7143	Item number type, coded Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
X		7140	Item number A number allocated to a group or item.	C an..35
X		7143	Item number type, coded Identification of the type of item number. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Segment: **IMD** **Item Description**
Position: 1060
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: To describe an item in either an industry or free format.
Syntax Notes:
Semantic Notes:
Comments:
Notes: IMD+S++1234:122'
IMD+F++:::WIDGET'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	7077		ITEM DESCRIPTION TYPE, CODED	C an..3
			Code indicating the format of a description.	
		F	Free-form	
		S	Structured (from industry code list)	
X	7081		ITEM CHARACTERISTIC, CODED	C an..3
			Code specifying the item characteristic being described.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
	C273		ITEM DESCRIPTION	C
			Description of an item.	
		7009	Item description identification	C an..17
			Code from an industry code list which provides specific data about a product characteristic.	
			The Merchant Order Number used by the acquisition business process.	
		1131	Code list qualifier	C an..3
			Identification of a code list.	
		122	Commodity	
			(7357) Code identifying types of goods for Customs, transport or statistical purposes (generic term).	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
		7008	Item description	C an..35
			Plain language description of articles or products.	
		7008	Item description	C an..35
			Plain language description of articles or products.	
X		3453	Language, coded	C an..3
			Code of language (ISO 639-1988).	
X	7383		SURFACE/LAYER INDICATOR, CODED	C an..3
			Code indicating the surface or layer of a product that is being described.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

Segment: QTY Quantity
Position: 1080
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: To specify a pertinent quantity.
Syntax Notes:
Semantic Notes:
Comments:
Notes: QTY+12:54378'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C186		QUANTITY DETAILS	M
			Quantity information in a transaction, qualified when relevant.	
>>		6063	Quantity qualifier	M an..3
			Code giving specific meaning to a quantity.	
		12	Despatch quantity	
			Quantity despatched by the seller.	
		21	Ordered quantity	
			The quantity which has been ordered.	
		83	Backorder quantity	
>>		6060	Quantity	M n..15
			Numeric value of a quantity.	
			Up to two (2) decimal digits can be given preceded by an explicit decimal point.	
		6411	Measure unit qualifier	C an..3
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	
			This must be the same Unit of Measure provided on the corresponding shipment authorization document.	

Segment: **ALI** **Additional Information**
Position: 1100
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

Syntax Notes:

Semantic Notes:

Comments:

Notes: ALI+CA'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	3239		COUNTRY OF ORIGIN, CODED	C an..3
			Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade. Refer to International Standard ISO 3166. GM will use the 2 character alpha country code list.	
X	9213		TYPE OF DUTY REGIME, CODED	C an..3
			Identification of the statement of the full/preferential regime according to which duty is assessed. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition. Refer to D.97A Data Element Dictionary for acceptable code values.	

Segment: **DTM** Date/Time/Period
Position: 1110
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 35
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes: DTM+50:19981201:102'

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

Group: **MOA** Segment Group 26: Monetary Amount
Position: 1180
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1190	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1190 (Trigger Segment)
Group: Segment Group 26 (Monetary Amount) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify a monetary amount.
Syntax Notes:
Semantic Notes:
Comments:
Notes: MOA+203:56.75'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
>>		5025	Monetary amount type qualifier Indication of type of amount.	M an..3
		116	Purchase amount	
			The cost of buying goods or services.	
		203	Line item amount	
			Goods item total minus allowances plus charges for line item. See also Code 66.	
>>		5004	Monetary amount Number of monetary units.	C n..18
			Up to 4 decimal digits can be given preceded by an explicit decimal point.	
X		6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3
X		6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Group: **PAT** Segment Group 27: Payment Terms Basis
Position: 1210
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1220	PAT	Payment Terms Basis	M	1	
	1240	PCD	Percentage Details	C	1	
	1250	MOA	Monetary Amount	C	1	

Segment: **PAT** **Payment Terms Basis**
Position: 1220 (Trigger Segment)
Group: Segment Group 27 (Payment Terms Basis) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify the payment terms basis.
Syntax Notes:
Semantic Notes:
Comments:
Notes: PAT+1'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	4279		PAYMENT TERMS TYPE QUALIFIER Identification of the type of payment terms. 1 Basic Payment conditions normally applied.	M an..3
X	C110		PAYMENT TERMS Terms of payment code from a specified source.	C
X		4277	Terms of payment identification Identification of the terms of payment between the parties to a transaction (generic term). Refer to D.97A Data Element Dictionary for acceptable code values.	M an..17
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		4276	Terms of payment Conditions of payment between the parties to a transaction (generic term).	C an..35
X		4276	Terms of payment Conditions of payment between the parties to a transaction (generic term).	C an..35
X	C112		TERMS/TIME INFORMATION Time details in payment terms.	C
X		2475	Payment time reference, coded Code relating payment terms to the date of a specific event. Refer to D.97A Data Element Dictionary for acceptable code values.	M an..3
X		2009	Time relation, coded Code relating payment terms to a time before, on or after the reference date. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		2151	Type of period, coded Agreed or specified period of time (coded). Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		2152	Number of periods Number of periods of the type indicated in data element 2151 Type of period, coded.	C n..3

Segment: **PCD** **Percentage Details**
Position: 1240
Group: Segment Group 27 (Payment Terms Basis) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify percentage information.
Syntax Notes:
Semantic Notes:
Comments:
Notes: PCD+12:5'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C501		PERCENTAGE DETAILS Percentage relating to a specified basis.	M
>>		5245	Percentage qualifier Identification of the usage of a percentage. 12 Discount Discount expressed as a percentage.	M an..3
		5482	Percentage Value expressed as a percentage of a specified amount. Discount percentage for a line item. Up to 2 decimal digits can be given preceded by an explicit decimal point.	C n..10
X		5249	Percentage basis, coded Indication of the application of a percentage. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Segment: **MOA** Monetary Amount
Position: 1250
Group: Segment Group 27 (Payment Terms Basis) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify a monetary amount.
Syntax Notes:
Semantic Notes:
Comments:
Notes: MOA+52:11.52'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
>>		5025	Monetary amount type qualifier Indication of type of amount. 52 Discount amount The amount specified is the discount amount.	M an..3
>>		5004	Monetary amount Number of monetary units. Discount amount for a line item. Up to 4 decimal digits can be given preceded by an explicit decimal point.	C n..18
X		6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3
X		6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Group: **PRI** Segment Group 28: Price Details
Position: 1260
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1270	PRI	Price Details	M	1	

Segment: **PRI** **Price Details**
Position: 1270 (Trigger Segment)
Group: Segment Group 28 (Price Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify price information.
Syntax Notes:
Semantic Notes:
Comments:
Notes: PRI+AAA:10.95::NTP:13:C62'

Data Element Summary

		Data Element	Component Element	Name	Attributes
		C509		PRICE INFORMATION	C
				Identification of price type, price and related details.	
>>			5125	Price qualifier	M an..3
				Identification of a type of price.	
				AAA Calculation net	
				The price stated is the net price including allowances/charges. Allowances/charges may be stated for information only.	
			5118	Price	C n..15
				The monetary value associated with a purchase or sale of an article, product or service.	
				Up to 5 decimal digits can be given preceded by an explicit decimal point.	
X			5375	Price type, coded	C an..3
				Code identifying the type of price of an item.	
				Refer to D.97A Data Element Dictionary for acceptable code values.	
			5387	Price type qualifier	C an..3
				Code identifying pricing specification.	
				NTP Net unit price	
				Unit price to which no allowances and charges apply.	
			5284	Unit price basis	C n..9
				Basis on which the unit price/rate applies.	
			6411	Measure unit qualifier	C an..3
				Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	
				Unit of Measure code values should match the UOM specified on the Purchase Order.	
X		5213		SUB-LINE PRICE CHANGE, CODED	C an..3
				Code indicating disposition of the price change of a sub-line item.	
				Refer to D.97A Data Element Dictionary for acceptable code values.	

Group: **RFF** Segment Group 29: Reference
Position: 1320
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1330	RFF	Reference	M	1	
	1340	DTM	Date/Time/Period	C	5	

Segment: **RFF** Reference
Position: 1330 (Trigger Segment)
Group: Segment Group 29 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.
Syntax Notes:
Semantic Notes:
Comments:
Notes: RFF+ON:PO1234:6'
RFF+AFL:24451456:7'

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.	
		ACD	Additional reference number	
			Reference number provided in addition to another given reference.	
		AEP	Project number	
			Reference number assigned to a project.	
			GM Work Order Number.	
		AGY	Receiving party's member identification	
			Identification used by the receiving party for a member of a service scheme or group of persons.	
			Used by the Acquisition Business Process.	
		AIU	Charge card account number	
			Number to identify charge card account.	
			Charge Card Account number used by the Acquisition Business Process.	
		AMG	Profile number	
			Reference number allocated to a discrete set of criteria.	
		CN	Carrier's reference number	
			Reference number assigned by carrier to a consignment.	
			This information should only be provided when there are multiple carrier reference numbers within a shipment.	
		ON	Order number (purchase)	
			[1022] Reference number assigned by the buyer to an order.	
		SI	SID (Shipper's identifying number for shipment)	
			Description to be provided.	
			This information should only be provided if there are multiple shipments within an invoice.	
>>		1154	Reference number	C an..35
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	
		1156	Line number	C an..6
			Number of the line in the document/message referenced in 1154 Reference number.	

X

4000 Reference version number

C an..35

To uniquely identify a reference by its revision number.

Segment: **DTM** **Date/Time/Period**
Position: 1340
Group: Segment Group 29 (Reference) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Used only in Payment on Receipt Business Process

DTM+11:199802100523:203'

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.	
		11	Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped.	
		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.	
		203	CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

Group: **PAC** **Segment Group 30: Package**
Position: 1350
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1360	PAC	Package	M	1	
	1370	MEA	Measurements	C	10	

Segment: PAC Package
Position: 1360 (Trigger Segment)
Group: Segment Group 30 (Package) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To describe the number and type of packages/physical units.
Syntax Notes:
Semantic Notes:
Comments:
Notes: PAC+3'

Data Element Summary

	<u>Data Element</u> 7224	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
			NUMBER OF PACKAGES	C n..8
			Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
X	C531		PACKAGING DETAILS	C
			Packaging level and details, terms and conditions.	
X		7075	Packaging level, coded	C an..3
			Indication of level of packaging specified.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7233	Packaging related information, coded	C an..3
			Code giving packaging, handling and marking related information.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7073	Packaging terms and conditions, coded	C an..3
			Code identifying packaging terms and conditions.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X	C202		PACKAGE TYPE	C
			Type of package by name or by code from a specified source.	
X		7065	Type of packages identification	C an..17
			Coded description of the form in which goods are presented.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7064	Type of packages	C an..35
			Description of the form in which goods are presented.	
X	C402		PACKAGE TYPE IDENTIFICATION	C
			Identification of the form in which goods are described.	
X		7077	Item description type, coded	M an..3
			Code indicating the format of a description.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		7064	Type of packages	M an..35
			Description of the form in which goods are presented.	
X		7143	Item number type, coded	C an..3
			Identification of the type of item number.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

X		7064	Type of packages	C	an..35
			Description of the form in which goods are presented.		
X		7143	Item number type, coded	C	an..3
			Identification of the type of item number.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X	C532		RETURNABLE PACKAGE DETAILS	C	
			Indication of responsibility for payment and load contents of returnable packages.		
X		8395	Returnable package freight payment responsibility, coded	C	an..3
			To indicate responsibility for payment of return freight charges for packaging that is returnable.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		
X		8393	Returnable package load contents, coded	C	an..3
			To indicate the composition of goods loaded into a returnable package.		
			Refer to D.97A Data Element Dictionary for acceptable code values.		

Segment: MEA Measurements
Position: 1370
Group: Segment Group 30 (Package) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: To specify physical measurements, including dimension tolerances, weights and counts.
Syntax Notes:
Semantic Notes:
Comments:
Notes: Only required if multiple shipments are included within an invoice

MEA+AAI+AAB+LBR:100'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. AAI Item weight Weight at line item level.	M an..3
	C502		MEASUREMENT DETAILS Identification of measurement type.	C
		6313	Property measured, coded Specification of the property measured. AAB Unit gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	C an..3
X		6321	Measurement significance, coded Code specifying the significance of a measurement value. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		6155	Measurement attribute identification Code used to specify non-discrete measurement values. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..17
X		6154	Measurement attribute To specify non-discrete measurement values.	C an..70
	C174		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.	C
>>		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. See UN/ECE Trade Recommendation 20. GM will accept the following: KGM - kilograms LBR - pounds STN - ton C62 - pieces	M an..3
		6314	Measurement value Value of the measured unit.	C an..18
X		6162	Range minimum Minimum of a range.	C n..18
X		6152	Range maximum	C n..18

X	6432	Maximum of a range. Significant digits To specify the number of significant digits.	C n..2
X	7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Group: **TAX** Segment Group 33: Duty/Tax/Fee Details
Position: 1480
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose:

	Segment Summary			Req.	Max.	Group:
	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1490	TAX	Duty/Tax/Fee Details	M	1	
	1500	MOA	Monetary Amount	C	1	

Segment: **TAX** **Duty/Tax/Fee Details**
Position: 1490 (Trigger Segment)
Group: Segment Group 33 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify relevant duty/tax/fee information.
Syntax Notes:
Semantic Notes:
Comments:
Notes: TAX+7+VAT'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax Contribution levied by an authority.	M an..3
	C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C
		5153	Duty/tax/fee type, coded Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. STT State/provincial sales tax All applicable sale taxes by authorities at the state or provincial level, below national level. VAT Value added tax A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
		5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..35
X	C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C
X		5289	Duty/tax/fee account identification Identification of a particular duty, tax or fee.	M an..6
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	5286		DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C an..15

X	C243	DUTY/TAX/FEE DETAIL	C
		Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	
X	5279	Duty/tax/fee rate identification	C an..7
		Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
X	1131	Code list qualifier	C an..3
		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	5278	Duty/tax/fee rate	C an..17
		Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
X	5273	Duty/tax/fee rate basis identification	C an..12
		Identification of the various elements of tax combination to be attributed to a commodity.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	1131	Code list qualifier	C an..3
		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	5305	DUTY/TAX/FEE CATEGORY, CODED	C an..3
		Code identifying a tax/duty/fee category within a tax/duty/fee type system.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3446	PARTY TAX IDENTIFICATION NUMBER	C an..20
		Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	

Segment: **MOA** Monetary Amount
Position: 1500
Group: Segment Group 33 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify a monetary amount.
Syntax Notes:
Semantic Notes:
Comments:
Notes: MOA+124:12.95'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
>>		5025	Monetary amount type qualifier Indication of type of amount. 124 Tax amount Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.	M an..3
		5004	Monetary amount Number of monetary units. Up to 4 decimal digits can be given preceded by an explicit decimal point.	C n..18
X		6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3
X		6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Group: **NAD** Segment Group 34: Name and Address
Position: 1520
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
Must Use	1530	NAD	Name and Address	M	1	
	1540	LOC	Place/Location Identification	C	5	
	1550		Segment Group 35: Reference	C		5
	1610		Segment Group 37: Contact Information	C		5

Segment: **NAD** Name and Address
Position: 1530 (Trigger Segment)
Group: Segment Group 34 (Name and Address) Conditional (Optional)
Level: 2
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.

Syntax Notes:

Semantic Notes:

Comments:

Notes: Used by the Acquisition Business Card Process

NAD+AO+++TED_KLINE'
 NAD+DS+++ACE_HARDWARE++WARREN+MI+USA'

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	3035		PARTY QUALIFIER	M an..3
			Code giving specific meaning to a party.	
		AO	Account of	
			Party account is assigned to.	
		DS	Distributor	
			Party distributing goods, financial payments or documents.	
		ST	Ship to	
			Identification of the party to where goods will be or have been shipped.	
	C082		PARTY IDENTIFICATION DETAILS	C
			Identification of a transaction party by code.	
>>		3039	Party id. identification	M an..35
			Code identifying a party involved in a transaction.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
		16	DUNS (Dun & Bradstreet)	
		92	Assigned by buyer or buyer's agent	
X	C058		NAME AND ADDRESS	C
			Unstructured name and address: one to five lines.	
X		3124	Name and address line	M an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	
X		3124	Name and address line	C an..35
			Free form name and address description.	

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

Segment:	LOC Place/Location Identification
Position:	1540
Group:	Segment Group 34 (Name and Address) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	5
Purpose:	To identify a country/place/location/related location one/related location two.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Used only in Payment on Receipt Business Process
	LOC+11+DOCKB'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	3227		PLACE/LOCATION QUALIFIER	M an..3
			Code identifying the function of a location.	
		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.	
	C517		LOCATION IDENTIFICATION	C
			Identification of a location by code or name.	
		3225	Place/location identification	C an..25
			Identification of the name of place/location, other than 3164 City name.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3224	Place/location	C an..70
			Name of place/location, other than 3164 City name.	
X	C519		RELATED LOCATION ONE IDENTIFICATION	C
			Identification the first related location by code or name.	
X		3223	Related place/location one identification	C an..25
			Specification of the first related place/location by code.	
X		1131	Code list qualifier	C an..3
			Identification of a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		3222	Related place/location one	C an..70
			Specification of the first related place/location by name.	
X	C553		RELATED LOCATION TWO IDENTIFICATION	C
			Identification of second related location by code or name.	
X		3233	Related place/location two identification	C an..25
			Specification of a second related place/location by code.	

X	1131	Code list qualifier	C an..3
		Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3232	Related place/location two	C an..70
		Specification of a second related place/location by name.	
X	5479	RELATION, CODED	C an..3
		To specify the relationship between two or more items.	

Group: **RFF** Segment Group 35: Reference
Position: 1550
Group: Segment Group 34 (Name and Address) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1560	RFF	Reference	M	1	
	1570	DTM	Date/Time/Period	C	5	

Segment: **RFF** Reference
Position: 1560 (Trigger Segment)
Group: Segment Group 35 (Reference) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.
Syntax Notes:
Semantic Notes:
Comments:
Notes: Used by the Acquisition Business Card Process

RFF+AIK:123456'

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.	
			AIK Bank's individual transaction reference number	
			Bank's reference number allocated by the bank to one specific 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.	

Segment: **DTM** Date/Time/Period
Position: 1570
Group: Segment Group 35 (Reference) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 5
Purpose: To specify date, and/or time, or period.
Syntax Notes:
Semantic Notes:
Comments:
Notes: DTM+97:19980406:102'
DTM+202:19980503:102'

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.	
		97	Transaction creation date	
		202	Posting date	
			The date when an entry is posted to an account.	
>>		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: **CTA** Segment Group 37: Contact Information
Position: 1610
Group: Segment Group 34 (Name and Address) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose:

	Pos.	Seg.	Segment Summary	Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1620	CTA	Contact Information	M	1	

Segment: **CTA** **Contact Information**
Position: 1620 (Trigger Segment)
Group: Segment Group 37 (Contact Information) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: To identify a person or a department to whom communication should be directed.
Syntax Notes:
Semantic Notes:
Comments:
Notes: CTA+IC+JANE_DOE'

Data Element Summary

<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
3139		CONTACT FUNCTION, CODED	C an..3
		Code specifying the function of a contact (e.g. department or person).	
	IC	Information contact	
		Department/person to contact for questions regarding transactions.	
C056		DEPARTMENT OR EMPLOYEE DETAILS	C
		Code and/or name of a department or employee. Code preferred.	
X	3413	Department or employee identification	C an..17
		Internal identification code.	
	3412	Department or employee	C an..35
		The department or person within an organizational entity.	

Group: **ALC** Segment Group 38: Allowance or Charge
Position: 1640
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 30
Purpose:

	Segment Summary			Req.	Max.	Group:
	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1650	ALC	Allowance or Charge	M	1	
	1750		Segment Group 41: Monetary Amount	C		2

Segment: **ALC** Allowance or Charge
Position: 1650 (Trigger Segment)
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To identify allowance or charge details.
Syntax Notes:
Semantic Notes:
Comments:
Notes: ALC+C++++ACD:::MINIMUM ORDER CHARGE'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	5463		ALLOWANCE OR CHARGE QUALIFIER Specification of an allowance or charge for the service specified. A Allowance C Charge	M an..3
X	C552		ALLOWANCE/CHARGE INFORMATION Identification of allowance/charge information by number and/or code.	C
X		1230	Allowance or charge number Number assigned by a party referencing an allowance, promotion, deal or charge.	C an..35
X		5189	Charge/allowance description, coded Identification of a charge or allowance. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	4471		SETTLEMENT, CODED Indication of how allowances or charges are to be settled. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	1227		CALCULATION SEQUENCE INDICATOR, CODED Code indicating the sequence of cumulated calculations to be agreed between interchange partners. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C214		SPECIAL SERVICES IDENTIFICATION Identification of a special service by a code from a specified source or by description.	C
		7161	Special services, coded Code identifying a special service. ACD Minimum amount costs for quantity based surcharges The minimum amount for surcharges that are related to the quantity referred to. CRC Core Charge This code value has been requested from UN/EDIFACT (request MM-0016) SAC Special credit Description to be provided. SH Special handling service Description to be provided. SU Set-up Description to be provided.	C an..3
X		1131	Code list qualifier	C an..3

X		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
	7160	Special service	C an..35
		Description of a special service.	
	7160	Special service	C an..35
		Description of a special service.	

Group: **MOA** Segment Group 41: Monetary Amount
Position: 1750
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1760	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1760 (Trigger Segment)
Group: Segment Group 41 (Monetary Amount) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: To specify a monetary amount.
Syntax Notes:
Semantic Notes:
Comments:
Notes: MOA+23:13.5'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
>>		5025	Monetary amount type qualifier Indication of type of amount. 23 Charge amount 204 Allowance amount	M an..3
>>		5004	Monetary amount Number of monetary units. Up to 4 decimal digits can be given preceded by an explicit decimal point.	C n..18
		6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3
X		6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Group: **TDT** Segment Group 44: Details of Transport
Position: 1860
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	1870	TDT	Details of Transport	M	1	

Segment: **TDT** **Details of Transport**
Position: 1870 (Trigger Segment)
Group: Segment Group 44 (Details of Transport) Conditional (Optional)
Level: 2
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. The segment may be pointed to by the TPL segment.

Syntax Notes:

Semantic Notes:

Comments:

Notes: TDT+25++C++CTRL::182'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	8051		TRANSPORT STAGE QUALIFIER	M an..3
			Qualifier giving a specific meaning to the transport details.	
		12	At departure	
			Transport by which goods are moved from the place of departure.	
		25	Delivery carrier all transport	
			Carrier responsible from the point of origin to the final delivery destination.	
	8028		CONVEYANCE REFERENCE NUMBER	C an..17
			Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).	
			Route number	
	C220		MODE OF TRANSPORT	C
			Method of transport code or name. Code preferred.	
		8067	Mode of transport, coded	C an..3
			Coded method of transport used for the carriage of the goods.	
			Use codes from X12 Data Element 91	
			Note: GM has requested additional code values added to component element 8179. When available GM will send this data in that element.	
X		8066	Mode of transport	C an..17
			Method of transport used for the carriage of the goods.	
X	C228		TRANSPORT MEANS	C
			Code and/or name identifying the type of means of transport.	
X		8179	Type of means of transport identification	C an..8
			Code defining the type of the means of transport being utilized.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		8178	Type of means of transport	C an..17
			Description of the type of the means of transport being utilized.	
	C040		CARRIER	C
			Identification of a carrier by code and/or by name. Code preferred.	
		3127	Carrier identification	C an..17
			Identification of party undertaking or arranging transport of goods between named points.	
			The Standard Carrier Alpha Code (SCAC) or the carrier code assigned by General Motors.	

X		1131 Code list qualifier	C an..3
		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
		3055 Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		92 Assigned by buyer or buyer's agent	
		182 US, Standard Carrier Alpha Code (Motor)	
		Organisation maintaining the SCAC lists and transportation operating in North America.	
		3128 Carrier name	C an..35
		Name of party undertaking or arranging transport of goods between named points.	
X	8101	TRANSIT DIRECTION, CODED	C an..3
		Identification of the point of origin and point of direction.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
	C401	EXCESS TRANSPORTATION INFORMATION	C
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.	
>>		8457 Excess transportation reason, coded	M an..3
		Indication of reason for excess transportation.	
		A Special rail car order, schedule increase forecast change	
		B Engineering change or late release	
		C Specification (schedule) error/overbuilding	
		D Shipment tracing delay	
		E Plant inventory loss	
		F Building ahead of schedule	
		G Vendor behind schedule	
		H Failed to include in last shipment	
		I Carrier loss claim	
		J Transportation failure	
		K Insufficient weight for carload	
		L Reject or discrepancy (material rejected in prior shipment)	
		M Transportation delay	
		N Lack of railcar or railroad equipment	
		P Releasing error	
		R Record error or cate reported discrepancy report	
		T Common or peculiar part schedule increase	
		U Alternative supplier shipping for responsible supplier	
		V Direct schedule or locally controlled	
		W Purchasing waiver approval	
		X Authorization code to be determined	
		Y Pilot material	
>>		8459 Excess transportation responsibility, coded	M an..3
		Indication of responsibility for excess transportation.	
		A Customer plant (receiving location)	
		B Material release issuer	
		S Supplier authority	
		X Responsibility to be determined	
		7130 Customer authorization number	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	TRANSPORT IDENTIFICATION	C	
		Code and/or name identifying the means of transport.		
X		8213 Id. of means of transport identification	C	an..9
		Identification of the means of transport by name or number.		
X		1131 Code list qualifier	C	an..3
		Identification of a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		
X		8212 Id. of the means of transport	C	an..35
		Identification of the means of transport by name or number.		
X		8453 Nationality of means of transport, coded	C	an..3
		Coded name of the country in which a means of transport is registered.		
X	8281	TRANSPORT OWNERSHIP, CODED	C	an..3
		Code indicating the ownership of the means of transport.		
		Refer to D.97A Data Element Dictionary for acceptable code values.		

Summary

Segment: **UNS** Section Control
Position: 2090
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To separate Header, Detail and Summary sections of a message
Syntax Notes:
Semantic Notes:
Comments:
Notes: UNS+S'

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.	
		S	Detail/summary section separation	
			To qualify the segment UNS, when separating the detail from the summary section of a message.	

Segment: **CNT** Control Total
Position: 2100
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: To provide control total.
Syntax Notes:
Semantic Notes:
Comments:
Notes: CNT+2:25'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C270		CONTROL	M
			Control total for checking integrity of a message or part of a message.	
>>		6069	Control qualifier	M an..3
			Determines the source data elements in the message which forms the basis for 6066 Control value.	
		2	Number of line items in message	
			The number of LIN segments sent	
		7	Total gross weight	
			Code to indicate total gross weight of a consignment.	
			Total value calculated by summing the quantities in all MEA segments/components in element 6060.	
		8	Total pieces	
			Total value calculated by summing the quantities in all QTY segments/components in element 6060.	
>>		6066	Control value	M n..18
			Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).	
X		6411	Measure unit qualifier	C an..3
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	

Group: **MOA** Segment Group 49: Monetary Amount
Position: 2110
Group:
Level: 1
Usage: Mandatory
Max Use: 100
Purpose:

	Segment Summary			Req.	Max.	Group:
	Pos.	Seg.		Des.	Use	Repeat
	No.	ID	Name			
Must Use	2120	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 2120 (Trigger Segment)
Group: Segment Group 49 (Monetary Amount) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify a monetary amount.
Syntax Notes:
Semantic Notes:
Comments:
Notes: MOA+77:2295.95:USD'
MOA+109:226.6'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C516		MONETARY AMOUNT	M
			Amount of goods or services stated as a monetary amount in a specified currency.	
>>		5025	Monetary amount type qualifier	M an..3
			Indication of type of amount.	
		77	Invoice amount	
			[5068] Total sum charged in respect of a single Invoice in accordance with the terms of delivery.	
			Total payment amount INCLUDING Payment Discount's	
		109	Payment discount amount	
		5004	Monetary amount	C n..18
			Number of monetary units.	
			Up to 4 decimal digits can be given preceded by an explicit decimal point.	
		6345	Currency, coded	C an..3
			Identification of the name or symbol of the monetary unit involved in the transaction.	
X		6343	Currency qualifier	C an..3
			Code giving specific meaning to data element 6345 Currency.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		4405	Status, coded	C an..3
			Provides information regarding a status.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

Group: **TAX** Segment Group 51: Duty/Tax/Fee Details
Position: 2160
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose:

	Pos.	Seg.	Segment Summary	Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	2170	TAX	Duty/Tax/Fee Details	M	1	
	2180	MOA	Monetary Amount	C	2	

Segment: **TAX** **Duty/Tax/Fee Details**
Position: 2170 (Trigger Segment)
Group: Segment Group 51 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify relevant duty/tax/fee information.
Syntax Notes:
Semantic Notes:
Comments:
Notes: TAX+7+VAT'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax Contribution levied by an authority.	M an..3
	C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C
		5153	Duty/tax/fee type, coded Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. VAT Value added tax A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..35
X	C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C
X		5289	Duty/tax/fee account identification Identification of a particular duty, tax or fee.	M an..6
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	5286		DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C an..15
X	C243		DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C
X		5279	Duty/tax/fee rate identification	C an..7

		Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
X	1131	Code list qualifier	C an..3
		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	5278	Duty/tax/fee rate	C an..17
		Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
X	5273	Duty/tax/fee rate basis identification	C an..12
		Identification of the various elements of tax combination to be attributed to a commodity.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	1131	Code list qualifier	C an..3
		Identification of a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	5305	DUTY/TAX/FEE CATEGORY, CODED	C an..3
		Code identifying a tax/duty/fee category within a tax/duty/fee type system.	
		Refer to D.97A Data Element Dictionary for acceptable code values.	
X	3446	PARTY TAX IDENTIFICATION NUMBER	C an..20
		Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	

Segment: **MOA** Monetary Amount
Position: 2180
Group: Segment Group 51 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: To specify a monetary amount.
Syntax Notes:
Semantic Notes:
Comments:
Notes: MOA+124:22.4:USD'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C516		MONETARY AMOUNT	M
			Amount of goods or services stated as a monetary amount in a specified currency.	
>>		5025	Monetary amount type qualifier	M an..3
			Indication of type of amount.	
			124 Tax amount	
			Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.	
		5004	Monetary amount	C n..18
			Number of monetary units.	
			Up to 4 decimal digits can be given preceded by an explicit decimal point.	
		6345	Currency, coded	C an..3
			Identification of the name or symbol of the monetary unit involved in the transaction.	
X		6343	Currency qualifier	C an..3
			Code giving specific meaning to data element 6345 Currency.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	
X		4405	Status, coded	C an..3
			Provides information regarding a status.	
			Refer to D.97A Data Element Dictionary for acceptable code values.	

Group: **ALC** Segment Group 52: Allowance or Charge
Position: 2190
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 15
Purpose:

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
Must Use	2200	ALC	Allowance or Charge	M	1	
	2220	MOA	Monetary Amount	C	2	

Segment: **ALC** Allowance or Charge
Position: 2200 (Trigger Segment)
Group: Segment Group 52 (Allowance or Charge) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To identify allowance or charge details.
Syntax Notes:
Semantic Notes:
Comments:
Notes: ALC+C++++FC'
ALC+C++++SH'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	5463		ALLOWANCE OR CHARGE QUALIFIER Specification of an allowance or charge for the service specified. C Charge	M an..3
X	C552		ALLOWANCE/CHARGE INFORMATION Identification of allowance/charge information by number and/or code.	C
X		1230	Allowance or charge number Number assigned by a party referencing an allowance, promotion, deal or charge.	C an..35
X		5189	Charge/allowance description, coded Identification of a charge or allowance. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	4471		SETTLEMENT, CODED Indication of how allowances or charges are to be settled. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X	1227		CALCULATION SEQUENCE INDICATOR, CODED Code indicating the sequence of cumulated calculations to be agreed between interchange partners. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
	C214		SPECIAL SERVICES IDENTIFICATION Identification of a special service by a code from a specified source or by description.	C
		7161	Special services, coded Code identifying a special service. FC Freight charge Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23). SH Special handling service Description to be provided. SU Set-up Description to be provided.	C an..3
X		1131	Code list qualifier Identification of a code list. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded	C an..3

Code identifying the agency responsible for a code list.

Refer to D.97A Data Element Dictionary for acceptable code values.

7160	Special service	C an..35
	Description of a special service.	
7160	Special service	C an..35
	Description of a special service.	

Segment: **MOA** Monetary Amount
Position: 2220
Group: Segment Group 52 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: To specify a monetary amount.
Syntax Notes:
Semantic Notes:
Comments:
Notes: MOA+23:15.32:USD'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
>>		5025	Monetary amount type qualifier Indication of type of amount. 23 Charge amount	M an..3
>>		5004	Monetary amount Number of monetary units.	C n..18
		6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3
X		6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3
X		4405	Status, coded Provides information regarding a status. Refer to D.97A Data Element Dictionary for acceptable code values.	C an..3

Segment: **UNT** Message Trailer
Position: 2240
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a Message
Syntax Notes:
Semantic Notes:
Comments:
Notes: UNT+52+1'

Data Element Summary

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

EXAMPLES

INVOICE SHIP DIRECT Example -1

Single Purchase Order

FIT STRUCTURE MFG.LTD.040
12345 7th Street S.E.
Calgary, AB T2G 3V4
Duns: 213456789

INVOICE No.: 24816
CUSTOMER: GMUSA
Page: 1

Sold To:
SSPO GENERAL MOTORS CORP
6060 W. Bristol Rd.
P.O. Box 2037
Flint, Mi. 48554-2037

Ship To:
EIDE PON-BUL-GMC INC
1300 S. Washington
Grand Forks ND
582015435 Cust . No. 315003

<u>DATE</u>	<u>SHIP VIA</u>	<u>F.O.B.</u>	<u>TERMS</u>
03/30/98	LOOM (SCAC)	244954335	Net 30 Days

<u>P.O. Number</u>	<u>P.O. DATE</u>	<u>ORDER NO.</u>
2819456 GM-30958	03/30/98	0330

<u>QTY</u>	<u>QTY</u>	<u>BCK</u>	<u>ITEM NO</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
<u>ORD</u>	<u>SHP</u>	<u>ORD</u>			
2	2	0	12370728	GRANDAM FRT END COVER	65.00
1	1	0	12371018	BONNEVILLE SE FRT END CVR	32.50
1	1	0	12371033	GRANDAM GT FRT END COVER	32.5 0

Sub total 130.00

GST # 12256 8537 RT GST .00

Shipping .00

TOTAL 130.00

INVOICE SHIP DIRECT Example –1
EDIFACT Message

UNH+7+INVOIC:D:97A:UN'	Header 7 - Transaction message control number INVOIC - Invoice Message 97A - release (the "D" and the "UN" are constants)
BGM+380+24816+9'	380 - Commercial Invoice qualifier 24816 - Invoice Number 9 - Message Function Coded, original
DTM+137:19980330:102'	137 - Document/message date/time qualifier 19980330 - Message generated on Mar. 30, 1998 102 - Date format qualifier CCYYMMDD
DTM+17:19980402:102'	17 - Delivery date/time, estimated qualifier 19980402 - Message generated on Mar. 30, 1998 102 - Date format qualifier CCYYMMDD
RFF+ON:2819456'	ON-Order Number (purchase) qualifier 2819456-Purchase Order Number
RFF+SI:24816'	SI-SID (Shipper's identifying number for shipment) qualifier 24816-Purchase Order Number
NAD+ST+315003::92++EIDE_ PON-BUI-GMC INC+1300 S WASHINGTON+GRAND FORKS+ND+582015435+USA'	ST-Ship to qualifier 315003- Buyer's assigned location number 92 -Buyer's Assigned code qualifier EIDE_Pontiac_BUI_GMC Inc. - Destination Address 1300 S. Washington-Address Grand Forks-City Name ND-Country Sub-entity identification 582015435-Postal Identification USA-Country,Coded
NAD+SF+213456789::16'	SF - Ship From qualifier 213456789 - DUNS Number of Supplier Shipping Location 16 - DUNS number qualifier
TDT+12++C++LOOM::182'	12-At departure delivery carrier qualifier C-Mode of Transportation qualifier LOOM-SCAC Code for Trucking Company 182 - Source of Codes: SCAC
RFF+CN:244954335'	CN-Carrier's Reference Number qualifier 244954335-Transportation carrier's number
PAC+7'	7-Number of packages in shipment
MEA+AAX+SQ+C62:7'	AAX-Measurement qualifier SQ-Shipped quantity qualifier C62-pieces qualifier 7-number of units in shipment
LIN+++12370728:IN'	12370728-GM Part Number IN-Buyer's item number (part number) qualifier
IMD+F++::GRANDAM_FRT_E ND_COVER'	F-Free-form description qualifier GRANDAM_FRT_END_CVR-Description
QTY+12:2'	12-Despatch quantity qualifier 2-Quantity shipped
MOA+203:65'	203-Line item amount qualifier 65-Total item invoice amount
PRI+AAA:32.5'	AAA-Price including allowances/changes qualifier 32.5-unit price of item

LIN+++12371018:IN'	12371018-GM Part Number IN-Buyer's item number (part number) qualifier
IMD+F++::BONNEVILLE_SE_FRT_END_COV'	F-Free-form description qualifier BONNEVILLE_SE_FRT_END_COV-Description
QTY+12:1'	12-Despatch quantity qualifier 1-Quantity shipped
MOA+203:32.5'	203-Line item amount qualifier 32.5-Total item invoice amount
PRI+AAA:32.5'	AAA-Price including allowances/changes qualifier 32.5-unit price of item
LIN+++12371033:IN'	12371033-GM Part Number IN-Buyer's item number (part number) qualifier
IMD+F++::GRANDAM_GT_FRT_END_CVR'	F-Free-form description qualifier GRANDAM_GT_FRT_END_CVR-Description
QTY+12:1'	12-Despatch quantity qualifier 1-Quantity shipped
MOA+203:32.5'	203-Line item amount qualifier 32.5-Total item invoice amount
PRI+AAA:32.5'	AAA-Price including allowances/changes qualifier 32.5-unit price of item
UNS+S	Summary S-Detail/summary section separator
CNT+2:3'	2-Number of Line Item qualifier 3-number of LIN segments in message
CNT+7:7'	7-Total Gross weight qualifier 7-Gross weight of all items shipped
CNT+8:4'	8-Total pieces qualifier 4-Quantity segment total
MOA+77:130'	77-Total Invoice amount qualifier 130-Total payment amount including payment discounts
UNT+32+7'	32-Number of segments in message 7-Transaction message control number

INVOICE SHIP DIRECT Example - 2
Multiple purchase order

Nastar Enterprises

Corporate Office
 44 Nihha Dr. Suite 2
 St. Catharines, Ont.
 Canada, L2N1L1

2351 Keenmore Dr.
 Niagara Falls, New York
 U.S.A. 14305

Invoice: 003505
 Date: 03/27/98
 GST No. R132351792

SOLD TO

SPO World Headquarters
 6200 Grand Pointe Dr.
 Grand Blanc, MI 48439

CUSTOMER ORDER NO. VENDOR CODE: 8103	ORD ORDER NO GM 31387	
DUNS 000204776	TERMS NET 30	SHIP VIA UPS THIRD PARTY

QTY	MODEL NO. AMOUNT	DESCRIPTION	SHIP TO:	UNIT PRICE
1	12370743 80.25	96004 GMC SHORT COMP. BOX PO# 2806308 Weight: 12 LBS.	BARKER MOTOR CO. 2030 Ireland Grove Rd. Bloomington, IL 617047104 U.S.A. Customer No: 210067	80.25
1	12370739 80.25	96002 GMC SHORT BOX PO# 2808451 Weight: 12 LBS.	J.C.BILLION 1919 W. Main St. Bozeman, MT 597183905 U.S.A. Customer No: 227090	80.25

ALL CREDIT CARD SALES – PROCESSED AT HEAD OFFICE
 U.S. FUNDS CONVERTED TO CANADIAN FUNDS ON CREDIT CARD SLIP

TERMS: 2% INTEREST PER MONTH WILL BE CHARGED ON OVERDUE ACCOUNTS

REFUNDS: ANY REFUND NECESSARY WILL BE MADE BY CHECK ONLY. IF YOUR DEPOSIT WAS
 BY CASH / CREDIT CARD ALLOW 7 DAYS, IF BY CHECK ALLOW 21 DAYS.

WARRANTY: FULL ONE YEAR WARRANTY

FULL ONE YEAR FROM DATE OF PURCHASE NASTAR ENTERPRISES WILL FREE OF CHARGE, REPAIR THIS ITEM IF
 FOUND TO BE DEFECTIVE IN MATERIAL OR WORKMANSHIP. THE WARRANTY IS NULL AND VOID, IF THE ITEM IS
 IMPROPERLY INSTALLED.

THIS WARRANTY IS IN ADDITION TO ANY STATUTORY WARRANTY AND DOES NOT EXCLUDE OR LIMIT LEGAL RIGHTS
 YOU MAY HAVE BUT SHALL RUN CONCURRENTLY WITH APPLICABLE PROVINCIAL LEGISLATION. FURTHERMORE,
 SOME PROVINCES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY WILL LAST SO THE ABOVE
 LIMITATIONS MAY NOT APPLY TO YOU.

US Subtotal	160.50
TAX 1	
TAX 2	
TOTAL	160.50

EDIFACT Message Example

General Motors Corporation All Rights Reserved
 IINVOIC – revision 1

UNH+7+INVOIC:D:97A:UN'	Header 7 - Transaction message control number INVOIC - Invoice Message 97A - release (the "D" and the "UN" are constants)
BGM+380+003505+9'	380 - Commercial Invoice qualifier 003505 - Invoice Number 9 - Message Function Coded, original
DTM+137:19980327:102'	137 - Document/message date/time qualifier 19980327 - Message generated on Mar. 27, 1998 102 - Date format qualifier CCYYMMDD
NAD+SF+000204776::16' Or NAD+SF+08103::92'	SF - Ship From qualifier 00204776 - DUNS Number of Supplier Shipping Location 16 - DUNS number qualifier 08103 - Vendor Location Code 92 - Buyer Assigned qualifier
TDT+25++U++UPSR::182'	25-Delivery carrier qualifier U-Mode of Transportation qualifier UPSR-SCAC Code for UPS Shipping 182 - Source of Codes: SCAC
LIN+++12370743:IN'	12370743-GM Part Number IN-Buyer's item number (part number) qualifier
IMD+F++::GMC_SHORT_COMP_BOX	F-Free-form description qualifier GMC Short Comp Box-Description
QTY+12:1'	12-Despatch quantity qualifier 1-Quantity shipped
DTM+11:199803260527:203'	11-Despatch date qualifier 199803260527-The material was shipped on Mar. 26, 1998 at 5:27 a.m. 203-Date/Time format qualifier CCYYMMYYHHMM
RFF+ON:2806308'	ON-Order Number (purchase) qualifier 2806308-Purchase Order Number
RFF+CN:USPTRKNO'	CN-Carrier's Reference Number qualifier USPTRKNO-UPS's carrier number
PAC+1'	1-One package
MEA+AAI+AAB+LBR:12'	AAI-Item weight qualifier AAB-Unit weight qualifier LBR-Measure unit qualifier 12 - package weight
NAD+ST+210067::92++BAKER MOTOR CO+2030 IRELAND GROVE RD+BLOOMINGTON+ILLINOIS+617047104+USA'	ST-Ship to qualifier 210067- Buyer's assigned location number 92 -Buyer's Assigned code qualifier Baker Motor Co. - Destination Address 2030 Ireland Grove Bloomington-City Name Illinois-Country Sub-entity identification 617047104-Postal Identification USA-Country,Coded

LIN+++ 12370739 :IN'	12370739-GM Part Number IN-Buyer's item number (part number) qualifier
IMD+F++::: GMC_SHORT_BOX '	F-Free-form description qualifier GMC_Short_Box-Description
QTY+12:1'	12-Despatch quantity qualifier 1-Quantity shipped
DTM+11:199803260527:203'	11-Despatch date qualifier 199803260527-The material was shipped on Mar. 26,1998 at 5:27 a.m. 203-Date/Time format qualifier CCYYMMYYHHMM
RFF+ON: 2808451 '	ON-Order Number (purchase) qualifier 2808451-Purchase Order Number
RFF+CN:USPTRKNO2'	CN-Carrier's Reference Number qualifier USPTRKNO2-UPS's carrier number
PAC+1'	1-One package
MEA+AAI+AAB+LBR: 12	AAI-Item weight qualifier AAB-Unit weight qualifier LBR-Measure unit qualifier 12 – package weight
NAD+ST+ 227090 ::92++ J_C_BILLION + 1919 W MAIN ST + BOZEMAN +MT+ 597183905+USA '	ST-Ship to qualifier 227090- Buyer's assigned location number 92 –Buyer's Assigned code qualifier J_C_Billion – Destination Address 1919 W Main St Bozeman -City Name MT -Country Sub-entity identification 597183905-Postal Identification USA-Country, Coded
UNS+S'	Summary S-Detail/summary section separator
CNT+2:2'	2-Number of Line Item qualifier 2-number of LIN segments in message
CNT+7:24'	7-Total Gross weight qualifier 24-Gross weight of all items shipped
CNT+8:2'	8-Total pieces qualifier 2-Quantity segment total
MOA+77: 160.5	77-Total Invoice amount qualifier 160.5-Total payment amount including payment discounts
UNT+30+7'	30-Number of segments in message 7-Transaction message control number

INVOIC Guideline Change Log

Item Number	Segment Group	Segment	Composite Code	Component	Code Values	Detail of Change
99.1.1	SG6	TAX				Added TAX Segment to message to provide information that is relevant to the entire message.
99.1.2	SG6	TAX		5283	7	Added code value qualifier to clarify that the information that was provided related to 'TAX'.
99.1.3	SG6	TAX	C241	5153	GST	Added code value qualifier to allow for tax information associated with 'Goods & Services Tax.
99.1.4	SG6	TAX	C241	5153	OTH	Added code value qualifier to allow for tax information concerning the Harmonized Sales Tax.
99.1.5	SG6	TAX	C241	5153	LOC	Added code value qualifier to allow for tax information concerning the Quebec Sales Tax.
99.1.6	SG6	TAX	C241	5152		Added data element to further clarify the information provided in data element 5153.
99.1.7	SG6	MOA	C516	5025	124	Added code value qualifier to allow for that 'Tax Amount' to be provided
99.1.8	SG6	MOA	C516	5004		Data Element added to provided tax amount value. The decimal should NOT exceed 4 positions.
99.1.9	SG38	ALC		5463	A	Added code value qualifier to provide information concerning 'allowances'.
99.1.10	SG38	ALC	C214	7161	SAC	Added code value qualifier to indicate that the allowance amount is a 'Special Credit'.
99.1.11	SG41	MOA	C516	5025	204	Added code value to indicate that the amount is an 'Allowance Amount'.