

ORDERS Purchase Order Message

Introduction:

A message specifying details for goods or services ordered under conditions agreed between the seller and the buyer.

Heading Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	35		
Not Used	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	99		
	0080		Segment Group 1: RFF-DTM	C		10	
M	0090	RFF	Reference	M	1		
Not Used	0100	DTM	Date/Time/Period	C	5		
	0110		Segment Group 2: NAD-LOC-FII-SG3-SG4-SG5	C		99	
M	0120	NAD	Name and Address	M	1		
Not Used	0130	LOC	Place/Location Identification	C	25		
Not Used	0140	FII	Financial Institution Information	C	5		
	0150		Segment Group 3: RFF-DTM	C		10	
M	0160	RFF	Reference	M	1		
Not Used	0170	DTM	Date/Time/Period	C	5		
	0180		Segment Group 4: DOC-DTM	C		5	
Not Used	0190	DOC	Document/Message Details	M	1		
Not Used	0200	DTM	Date/Time/Period	C	5		
	0210		Segment Group 5: CTA-COM	C		5	
M	0220	CTA	Contact Information	M	1		
	0230	COM	Communication Contact	C	5		
	0240		Segment Group 6: TAX-MOA-LOC	C		5	
Not Used	0250	TAX	Duty/Tax/Fee Details	M	1		
Not Used	0260	MOA	Monetary Amount	C	1		
Not Used	0270	LOC	Place/Location Identification	C	5		
	0280		Segment Group 7: CUX-PCD-DTM	C		5	
M	0290	CUX	Currencies	M	1		
Not Used	0300	PCD	Percentage Details	C	5		
Not Used	0310	DTM	Date/Time/Period	C	5		
	0320		Segment Group 8: PAT-DTM-PCD-MOA	C		10	
M	0330	PAT	Payment Terms Basis	M	1		
Not Used	0340	DTM	Date/Time/Period	C	5		
	0350	PCD	Percentage Details	C	1		
Not Used	0360	MOA	Monetary Amount	C	1		
	0370		Segment Group 9: TDT-SG10	C		10	

Not Used	0380	TDT	Details of Transport	M	1
Not Used	0390		Segment Group 10: LOC-DTM	C	10
Not Used	0400	LOC	Place/Location Identification	M	1
Not Used	0410	DTM	Date/Time/Period	C	5
	0420		Segment Group 11: TOD-LOC-TOD	C	5
M	0430	TOD	Terms of Delivery or Transport	M	1
	0440	LOC	Place/Location Identification	C	2
Not Used	0430	TOD	Terms of Delivery or Transport - INCOTERMS	C	1
	0450		Segment Group 12: PAC-MEA-SG13	C	10
Not Used	0460	PAC	Package	M	1
Not Used	0470	MEA	Measurements	C	5
Not Used	0480		Segment Group 13: PCI-RFF-DTM-GIN	C	5
Not Used	0490	PCI	Package Identification	M	1
Not Used	0500	RFF	Reference	C	1
Not Used	0510	DTM	Date/Time/Period	C	5
Not Used	0520	GIN	Goods Identity Number	C	10
	0530		Segment Group 14: EQD-HAN-MEA-FTX	C	10
Not Used	0540	EQD	Equipment Details	M	1
Not Used	0550	HAN	Handling Instructions	C	5
Not Used	0560	MEA	Measurements	C	5
Not Used	0570	FTX	Free Text	C	5
	0580		Segment Group 15: SCC-FTX-RFF-SG16	C	10
Not Used	0590	SCC	Scheduling Conditions	M	1
Not Used	0600	FTX	Free Text	C	5
Not Used	0610	RFF	Reference	C	5
	0620		Segment Group 16: QTY-DTM	C	10
Not Used	0630	QTY	Quantity	M	1
Not Used	0640	DTM	Date/Time/Period	C	5
	0650		Segment Group 17: APR-DTM-RNG	C	25
Not Used	0660	APR	Additional Price Information	M	1
Not Used	0670	DTM	Date/Time/Period	C	5
Not Used	0680	RNG	Range Details	C	1
	0690		Segment Group 18: ALC-ALI-DTM-SG19-SG20-SG21-SG22-SG23	C	15
Not Used	0700	ALC	Allowance or Charge	M	1
Not Used	0710	ALI	Additional Information	C	5
Not Used	0720	DTM	Date/Time/Period	C	5
	0730		Segment Group 19: QTY-RNG	C	1
Not Used	0740	QTY	Quantity	M	1
Not Used	0750	RNG	Range Details	C	1
	0760		Segment Group 20: PCD-RNG	C	1
Not Used	0770	PCD	Percentage Details	M	1
Not Used	0780	RNG	Range Details	C	1
	0790		Segment Group 21: MOA-RNG	C	2
Not Used	0800	MOA	Monetary Amount	M	1
Not Used	0810	RNG	Range Details	C	1
	0820		Segment Group 22: RTE-RNG	C	1
Not Used	0830	RTE	Rate Details	M	1

Not Used	0840	RNG	Range Details	C	1
Not Used	0850		Segment Group 23: TAX-MOA	C	5
Not Used	0860	TAX	Duty/Tax/Fee Details	M	1
Not Used	0870	MOA	Monetary Amount	C	1
Not Used	0880		Segment Group 24: RCS-RFF-DTM-FTX	C	100
Not Used	0890	RCS	Requirements and Conditions	M	1
Not Used	0900	RFF	Reference	C	5
Not Used	0910	DTM	Date/Time/Period	C	5
Not Used	0920	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>
	0930		Segment Group 25: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-M OA-GIN-GIR-QVR-DOC-PAI-FTX-SG26-SG 27-SG28-SG29-SG30-SG33-SG34-SG35-SG39 -SG45-SG47-SG48-SG49-SG51-SG52	C		200000	
M	0940	LIN	Line Item	M	1		
	0950	PIA	Additional Product Id	C	25		
	0960	IMD	Item Description	C	99		
Not Used	0970	MEA	Measurements	C	5		
	0980	QTY	Quantity	C	10		
Not Used	0990	PCD	Percentage Details	C	5		
Not Used	1000	ALI	Additional Information	C	5		
	1010	DTM	Date/Time/Period	C	35		
	1020	MOA	Monetary Amount	C	10		
Not Used	1030	GIN	Goods Identity Number	C	1000		
Not Used	1040	GIR	Related Identification Numbers	C	1000		
Not Used	1050	QVR	Quantity Variances	C	1		
Not Used	1060	DOC	Document/Message Details	C	5		
Not Used	1070	PAI	Payment Instructions	C	1		
	1080	FTX	Free Text	C	99		
Not Used	1090		Segment Group 26: CCI-CAV-MEA	C		999	
Not Used	1100	CCI	Characteristic/Class Id	M	1		
Not Used	1110	CAV	Characteristic Value	C	10		
Not Used	1120	MEA	Measurements	C	10		
Not Used	1130		Segment Group 27: PAT-DTM-PCD-MOA	C		10	
Not Used	1140	PAT	Payment Terms Basis	M	1		
Not Used	1150	DTM	Date/Time/Period	C	5		
Not Used	1160	PCD	Percentage Details	C	1		
Not Used	1170	MOA	Monetary Amount	C	1		
	1180		Segment Group 28: PRI-CUX-APR-RNG-DTM	C		25	
M	1190	PRI	Price Details	M	1		
Not Used	1200	CUX	Currencies	C	1		
	1210	APR	Additional Price Information	C	1		
Not Used	1220	RNG	Range Details	C	1		
Not Used	1230	DTM	Date/Time/Period	C	5		
	1240		Segment Group 29: RFF-DTM	C		10	
M	1250	RFF	Reference	M	1		
Not Used	1260	DTM	Date/Time/Period	C	5		

Not Used	1270		Segment Group 30: PAC-MEA-QTY-DTM-SG31-SG32	C		10
Not Used	1280	PAC	Package	M	1	
Not Used	1290	MEA	Measurements	C	5	
Not Used	1300	QTY	Quantity	C	5	
Not Used	1310	DTM	Date/Time/Period	C	5	
Not Used	1320		Segment Group 31: RFF-DTM	C		1
Not Used	1330	RFF	Reference	M	1	
Not Used	1340	DTM	Date/Time/Period	C	5	
Not Used	1350		Segment Group 32: PCI-RFF-DTM-GIN	C		5
Not Used	1360	PCI	Package Identification	M	1	
Not Used	1370	RFF	Reference	C	1	
Not Used	1380	DTM	Date/Time/Period	C	5	
Not Used	1390	GIN	Goods Identity Number	C	10	
Not Used	1400		Segment Group 33: LOC-QTY-DTM	C		9999
Not Used	1410	LOC	Place/Location Identification	M	1	
Not Used	1420	QTY	Quantity	C	1	
Not Used	1430	DTM	Date/Time/Period	C	5	
	1440		Segment Group 34: TAX-MOA-LOC	C		10
M	1450	TAX	Duty/Tax/Fee Details	M	1	
Not Used	1460	MOA	Monetary Amount	C	1	
Not Used	1470	LOC	Place/Location Identification	C	5	
	1480		Segment Group 35: NAD-LOC-SG36-SG37-SG38	C		99
M	1490	NAD	Name and Address	M	1	
Not Used	1500	LOC	Place/Location Identification	C	5	
	1510		Segment Group 36: RFF-DTM	C		5
M	1520	RFF	Reference	M	1	
Not Used	1530	DTM	Date/Time/Period	C	5	
Not Used	1540		Segment Group 37: DOC-DTM	C		5
Not Used	1550	DOC	Document/Message Details	M	1	
Not Used	1560	DTM	Date/Time/Period	C	5	
Not Used	1570		Segment Group 38: CTA-COM	C		5
Not Used	1580	CTA	Contact Information	M	1	
Not Used	1590	COM	Communication Contact	C	5	
Not Used	1600		Segment Group 39: ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44	C		99
Not Used	1610	ALC	Allowance or Charge	M	1	
Not Used	1620	ALI	Additional Information	C	5	
Not Used	1630	DTM	Date/Time/Period	C	5	
Not Used	1640		Segment Group 40: QTY-RNG	C		1
Not Used	1650	QTY	Quantity	M	1	
Not Used	1660	RNG	Range Details	C	1	
Not Used	1670		Segment Group 41: PCD-RNG	C		1
Not Used	1680	PCD	Percentage Details	M	1	
Not Used	1690	RNG	Range Details	C	1	
Not Used	1700		Segment Group 42: MOA-RNG	C		2
Not Used	1710	MOA	Monetary Amount	M	1	
Not Used	1720	RNG	Range Details	C	1	

Not Used	1730		Segment Group 43: RTE-RNG	C	1
Not Used	1740	RTE	Rate Details	M	1
Not Used	1750	RNG	Range Details	C	1
Not Used	1760		Segment Group 44: TAX-MOA	C	5
Not Used	1770	TAX	Duty/Tax/Fee Details	M	1
Not Used	1780	MOA	Monetary Amount	C	1
Not Used	1790		Segment Group 45: TDT-SG46	C	10
Not Used	1800	TDT	Details of Transport	M	1
Not Used	1810		Segment Group 46: LOC-DTM	C	10
Not Used	1820	LOC	Place/Location Identification	M	1
Not Used	1830	DTM	Date/Time/Period	C	5
Not Used	1840		Segment Group 47: TOD-LOC	C	5
Not Used	1850	TOD	Terms of Delivery or Transport	M	1
Not Used	1860	LOC	Place/Location Identification	C	2
Not Used	1870		Segment Group 48: EQD-HAN-MEA-FTX	C	10
Not Used	1880	EQD	Equipment Details	M	1
Not Used	1890	HAN	Handling Instructions	C	5
Not Used	1900	MEA	Measurements	C	5
Not Used	1910	FTX	Free Text	C	5
Not Used	1920		Segment Group 49: SCC-FTX-RFF-SG50	C	100
Not Used	1930	SCC	Scheduling Conditions	M	1
Not Used	1940	FTX	Free Text	C	5
Not Used	1950	RFF	Reference	C	5
Not Used	1960		Segment Group 50: QTY-DTM	C	10
Not Used	1970	QTY	Quantity	M	1
Not Used	1980	DTM	Date/Time/Period	C	5
Not Used	1990		Segment Group 51: RCS-RFF-DTM-FTX	C	100
Not Used	2000	RCS	Requirements and Conditions	M	1
Not Used	2010	RFF	Reference	C	5
Not Used	2020	DTM	Date/Time/Period	C	5
Not Used	2030	FTX	Free Text	C	5
Not Used	2040		Segment Group 52: STG-SG53	C	10
Not Used	2050	STG	Stages	M	1
Not Used	2060		Segment Group 53: QTY-MOA	C	3
Not Used	2070	QTY	Quantity	M	1
Not Used	2080	MOA	Monetary Amount	C	1
	0930		Segment Group 25: LIN-IMD-QTY-SG26	C	200000
M	0940	LIN	Line Item	M	1
	0950	IMD	Item Description	C	99
	0951	QTY	Quantity	C	10
	0952		Segment Group 26: RFF-DTM	C	10
M	1250	RFF	Reference	M	1
Not Used	1260	DTM	Date/Time/Period	C	5
	0930		Segment Group 25: LIN-IMD-QTY-MOA-SG26	C	200000
M	0940	LIN	Line Item	M	1
	0950	IMD	Item Description	C	99
	0951	QTY	Quantity	C	10

	0952	MOA	Monetary Amount	C	10	
	0953		Segment Group 26: RFF-DTM	C	10	
M	1250	RFF	Reference	M	1	
Not Used	1260	DTM	Date/Time/Period	C	5	

Section Control:

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

Summary Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Not Used	2100	MOA	Monetary Amount	C	12		
	2110	CNT	Control Total	C	10		
Not Used	2120		Segment Group 54: ALC-ALI-MOA	C	10		
Not Used	2130	ALC	Allowance or Charge	M	1		
Not Used	2140	ALI	Additional Information	C	1		
Not Used	2150	MOA	Monetary Amount	M	2		
M	2160	UNT	Message Trailer	M	1		

Segment: UNH Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Purchase order message is ORDERS.
 Note: Purchase order messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 ORDERS 0052 D 0054 96A
 0051 UN

Dependency Notes:
Semantic Notes:
Comments:
Business Rules: Variable Name: UNH1

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14
M	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
M		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. ORDERS Purchase order message Message specifying details for goods or services ordered under conditions agreed between the seller and the buyer.	M an..6
M		0052	Message type version number Version number of a message type. Hardcode "D"	M an..3
M		0054	Message type release number Release number within the current message type version number (0052).	M an..3
M		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 Standard Messages (UNSM) 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
		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

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment by which the sender must uniquely identify the order by means of its name and number and when necessary its function.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

ORDRSP is required to be returned on ORDERS (PO) and ORDCHG (PO Change).

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.	
	105	Purchase order	
		Document/message issued within an enterprise to initiate the purchase of articles, materials or services required for the production or manufacture of goods to be offered for sale or otherwise supplied to customers.	
	220	Order	
		Document/message by means of which a buyer initiates a transaction with a seller involving the supply of goods or services as specified, according to conditions set out in an offer, or otherwise known to the buyer.	
		Sub-contract PO	
	221	Blanket order	
		Usage of document/message for general order purposes with later split into quantities and delivery dates and maybe delivery locations.	
		3M uses SAP Schedule Agreements in place of blanket orders. 3M will send a separate transaction to provide release information of material against the schedule agreement.	
	222	Spot order	
		Document/message ordering the remainder of a production's batch.	
		Indirect PO	
	227	Consignment order	
		Order to deliver goods into stock with agreement on payment when goods are sold out of this stock.	
	640	Delivery order	
		Document/message issued by a party entitled to authorize the release of goods specified therein to a named consignee, to be retained by the custodian of the goods.	
		Dropship orders	
1004		DOCUMENT/MESSAGE NUMBER	C an..35
		Reference number assigned to the document/message by the issuer.	
		3M requires the PO Number be returned on the ORDRSP, DESADV, and INVOIC transactions.	
1225		MESSAGE FUNCTION, CODED	C an..3

Code indicating the function of the message.

- 7 Duplicate
The message is a duplicate of a previously generated message.
- 9 Original
Initial transmission related to a given transaction.

4343

RESPONSE TYPE, CODED

C an..3

Code specifying the type of acknowledgement required or transmitted.

- AC Acknowledge - with detail and change
Acknowledge complete including changes.
- NA No acknowledgement needed

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 35
Purpose: 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 order date. Examples of the use of this DTM segment are: Lead times that apply to the whole of the Order and, if no schedule is to be specified, the delivery date. The Date/time/period segment within other Segment group 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.

Dependency Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M
M		2005	Date/time/period qualifier Code giving specific meaning to a date, time or period.	M an..3
		4	Order date/time [2010] Date when an order is issued.	
		194	Start date/time Date/time on which a period starts.	
		206	End date/time Date/time on which a period (from - to) ends. This date will only be sent if applicatble for a scheduling agreement or a Limit (SRM) PO.	
		2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period.	C an..3
		102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Segment: **FTX** Free Text
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: 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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text.	M an..3
		AAI	General information	
		ABC	Conditions of sale or purchase Additional information regarding terms and conditions which apply to the transaction.	
		DEL	Delivery information Information about delivery.	
		ICN	Information for consignee [4070] Any remark given for the information of the consignee (CIM 21).	
		ZZZ	Mutually defined Note contains information mutually defined by trading partners. Country Specific Text - sent only if it is a legal requirement for a country. See appendix. First Occurrence of FTX C108:4440 will contain a description of the text sent in the other FTX C108:4440 fields.	
	4453		TEXT FUNCTION, CODED Code specifying how to handle the text.	C an..3
		4	No action required Pass text on to later recipient.	
	C108		TEXT LITERAL Free text; one to five lines.	C
M	4440		Free text Free text field available to the message sender for information.	M an..70
	4440		Free text Free text field available to the message sender for information.	C an..70
	4440		Free text Free text field available to the message sender for information.	C an..70
	4440		Free text Free text field available to the message sender for information.	C an..70
	4440		Free text Free text field available to the message sender for information.	C an..70

Group: **RFF** Segment Group 1: Reference
Position: 0080
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments for giving references and where necessary, their dates, relating to the whole message e.g. contract number, import/export license number, reservation number.

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>
M	0090	RFF	Reference	M	1	

Segment: **RFF Reference**
Position: 0090 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The Ship To Address found in the NAD segment with ST qualifier is where the material should be shipped as it could differ from the plant/storage location codes.

The 2 RFF segments representing the 3M Plant (PE) and storage location (WS) can be used in combination to identify a unique ship to address, however, the buyer can manually change the ship to address on the order.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number. CT Contract number Reference number of a contract concluded between parties. PE Plant number Description to be provided. WS Warehouse storage location number	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

Group: **NAD** Segment Group 2: Name and Address
Position: 0110
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0120	NAD	Name and Address	M	1	
	0150		Segment Group 3: Reference	C	10	
	0210		Segment Group 5: Contact Information	C	5	

Segment: **NAD** Name and Address
Position: 0120 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order 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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	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.	
		II	Issuer of invoice (3028) Party issuing an invoice. Required by 3M to be returned on the INVOIC.	
		SE	Seller (3346) Party selling merchandise to a buyer. Party to receive purchase order.	
		ST	Ship to Identification of the party to where goods will be or have been shipped. Ship To (ST) name and address loop will be sent at the header if it applies to all items on the order. It will appear at detail level if the ship to address varies by item. The Ship To Address is where material should be shipped. Required by 3M to be returned on the INVOIC.	
		VN	Vendor Party vending goods or services. Required by 3M to be returned on the ORDRSP, DESADV, and INVOIC.	
	C082		PARTY IDENTIFICATION DETAILS	C
			Identification of a transaction party by code.	
M	3039		Party id. identification	M an..35
			Code identifying a party involved in a transaction. 3M assigned vendor number. May differ by address type. Please return value sent on ORDERS if required in other documents.	
		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	

	C058	NAME AND ADDRESS	C
		Unstructured name and address: one to five lines.	
		Used only if address exceeds space allowed in NAD C059:3042.	
M	3124	Name and address line	M an..35
		Free form name and address description.	
	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.	
M	3036	Party name	M an..35
		Name of a party involved in a transaction.	
	3036	Party name	C an..35
		Name of a party involved in a transaction.	
	C059	STREET	C
		Street address and/or PO Box number in a structured address: one to three lines.	
M	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.	
	3042	Street and number/p.o. box	C 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.	
	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: 0150
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references only relevant to the specified party rather than the whole order.

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>
M	0160	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0160 (Trigger Segment)
Group: Segment Group 3 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

These 2 REF segments represent the 3M Plant (PE) and storage location (WS). The combination of these 2 fields could be used to identify a unique ship to address, however, the buyer can manually change the ship to address on the order.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
			AHP Tax registration number The registration number by which a company/organization is identified with the tax administration.	
			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).	
		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

Group: **CTA** Segment Group 5: Contact Information
Position: 0210
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.
Notes: Only sent on Vendor Name and Address Loop

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0220	CTA	Contact Information	M	1	
	0230	COM	Communication Contact	C	5	

Segment: **CTA Contact Information**
Position: 0220 (Trigger Segment)
Group: Segment Group 5 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department, and their function, to whom communications should be directed.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</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).	
	PD	Purchasing contact Department/person responsible for issuing this purchase order. Sent in "BT" NAD loop.	
	SR	Sales representative or department The sales representative or department contact within an organization. Sent in "VN" NAD loop.	
		DEPARTMENT OR EMPLOYEE DETAILS	C
X 3413		Code and/or name of a department or employee. Code preferred.	
	3413	Department or employee identification	C an..17
	3412	Department or employee	C an..35
		The department or person within an organizational entity.	

Segment: **COM** **Communication Contact**
Position: 0230
Group: Segment Group 5 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to identify a communications type and number for the contact specified in the CTA segment.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M
M		3148	Communication number The communication number.	M an..512
M		3155	Communication channel qualifier Code identifying the type of communication channel being used.	M an..3
			EM Electronic mail Creating/sending/receiving of unstructured free text messages or documents using computer network, a mini-computer or an attached modem and regular telephone line or other electronic transmission media.	
			EX Extension Telephone extension.	
			FX Telefax Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.	
			TE Telephone Voice/data transmission by telephone.	

Group: **CUX** Segment Group 7: Currencies
Position: 0280
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying the currencies and related dates/periods valid for the whole order. Currency data may be omitted in national applications but will be required for international transactions.

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>
M	0290	CUX	Currencies	M	1	

Segment: CUX Currencies
Position: 0290 (Trigger Segment)
Group: Segment Group 7 (Currencies) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the currencies required in the order e.g. the order currency. A rate of exchange may be given to convert a reference currency into a target currency.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Data Element	Component Element	Name	Attributes
		CURRENCY DETAILS	C
		The usage to which a currency relates.	
M	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.	
		3M requires the Currency Code be returned on the ORDRSP and INVOIC transactions.	
	6343	Currency qualifier	C an..3
		Code giving specific meaning to data element 6345 Currency.	
		9 Order currency	
		The name or symbol of the monetary unit used in an order.	

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0320
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying the terms of payment applicable for the whole order.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0330	PAT	Payment Terms Basis	M	1	
	0350	PCD	Percentage Details	C	1	

Segment: **PAT** Payment Terms Basis
Position: 0330 (Trigger Segment)
Group: Segment Group 8 (Payment Terms Basis) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the payment terms and date/time basis.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4279		PAYMENT TERMS TYPE QUALIFIER Identification of the type of payment terms.	M an..3
			2 End of month	
			5 Discount not applicable	
			6 Mixed Different payment terms negotiated under a documentary credit.	
			8 Basic discount offered	
			9 Proximo Occurring in the next month after present.	
			10 Instant Payment is due on receipt of invoice.	
			18 Previously agreed upon	
			ZZZ Mutually defined	
	C110		PAYMENT TERMS	C
			Terms of payment code from a specified source.	
M		4277	Terms of payment identification Identification of the terms of payment between the parties to a transaction (generic term).	M an..17
			1 Draft(s) drawn on issuing bank Draft(s) must be drawn on the issuing bank.	
		4276	Terms of payment Conditions of payment between the parties to a transaction (generic term).	C an..35
	C112		TERMS/TIME INFORMATION	C
			Time details in payment terms.	
M		2475	Payment time reference, coded Code relating payment terms to the date of a specific event.	M an..3
			5 Date of invoice Payment time reference is date of invoice.	
		2009	Time relation, coded Code relating payment terms to a time before, on or after the reference date.	C an..3
			3 After reference Payment terms related to time after reference date.	
		2151	Type of period, coded Agreed or specified period of time (coded).	C an..3
			D Day	
		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: 0350
Group: Segment Group 8 (Payment Terms Basis) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the discount, interest, penalty as well as instalment percentage.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C501		PERCENTAGE DETAILS Percentage relating to a specified basis.	M
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.	C n..10
		5249	Percentage basis, coded Indication of the application of a percentage. 13 Invoice value Referenced percentage applies on the invoice value.	C an..3

Group: **TOD** Segment Group 11: Terms of Delivery or Transport
Position: 0420
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments indicating the terms of delivery for the whole order.

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0430	TOD	Terms of Delivery or Transport	M	1	
	0440	LOC	Place/Location Identification	C	2	

Segment: **TOD** Terms of Delivery or Transport
Position: 0430 (Trigger Segment)
Group: Segment Group 11 (Terms of Delivery or Transport) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the delivery terms to be used e.g. UN INCOTERMS code could be used to specify the delivery terms.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4055		TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED Indication whether the terms relate to e.g. price conditions, delivery conditions, transport conditions, or a combination of these.	C an..3
	6	Delivery condition Specifies the conditions under which the goods must be delivered to the consignee.	
4215		TRANSPORT CHARGES METHOD OF PAYMENT, CODED Identification of method of payment for transport charges.	C an..3
	CC	Collect A shipment on which freight charges will be paid by consignee.	
	PP	Prepaid (by seller) Seller of goods makes payment to carrier for freight charges prior to shipment.	
C100		TERMS OF DELIVERY OR TRANSPORT Terms of delivery or transport code from a specified source.	C
	4053	Terms of delivery or transport, coded Identification of the terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.	C an..3
		Incoterms	
		CFR Cost and Freight	
		CIF Cost, Insurance, and Freight	
		CIP Carriage and Insurance Paid To	
		CPT Carriage Paid To	
		DAF Delivered at Frontier	
		DAP Delivered at Place	
		DAT Delivered at Terminal	
		DDP Delivered Duty Paid	
		DDU Delivered Duty Unpaid	
		DEQ Delivered Ex Quay	
		DES Delivered Ex Ship	
		EXW Ex Works	
		FAS Free Alongside Ship	
		FCA Free Carrier	
		FOB Free on Board	
	1131	Code list qualifier Identification of a code list.	C an..3

(4110) Code to indicate applicable Incoterm (1980 edition) under which seller undertakes to deliver merchandise to buyer (ICC). Incoterms 1990: use 4053 only.

4052 Terms of delivery or transport C an..70

Terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.

Incoterms Description

4052 Terms of delivery or transport C an..70

Terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.

Shipping Instructions

Segment: **LOC** Place/Location Identification
Position: 0440
Group: Segment Group 11 (Terms of Delivery or Transport) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment identifying locations relevant to the delivery terms specified in the TOD segment.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3227		PLACE/LOCATION QUALIFIER	M an..3
			Code identifying the function of a location.	
		5	Place of departure (3214) Port, airport or other location from which a means of transport is scheduled to depart or has departed.	
		7	Place of delivery (3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).	
		8	Place of destination Port, airport or other location to which a means of transport is destined.	
		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.	
		149	Loading on board/despach/taking in charge at/from Place/country where goods have to be loaded on board, despatched or taken in charge.	
		ZZZ	Mutually defined Place or location as agreed between the relevant parties.	

Group: **LIN** Segment Group 25: Line Item
Position: 0930
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 200000
Purpose: A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

Segment Summary						
	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0940	LIN	Line Item	M	1	
	0950	PIA	Additional Product Id	C	25	
	0960	IMD	Item Description	C	99	
	0980	QTY	Quantity	C	10	
	1010	DTM	Date/Time/Period	C	35	
	1020	MOA	Monetary Amount	C	10	
	1080	FTX	Free Text	C	99	
	1180		Segment Group 28: Price Details	C		25
	1240		Segment Group 29: Reference	C		10
	1440		Segment Group 34: Duty/Tax/Fee Details	C		10
	1480		Segment Group 35: Name and Address	C		99
	0930		Segment Group 25: Sub-line for Subcontract PO	C		200000
	0930		Segment Group 25: Sub-line for Indirect PO with Service Lines	C		200000

Segment: **LIN** Line Item
Position: 0940 (Trigger Segment)
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered. Other product identification numbers e.g. Buyer product number, etc. can be specified within the following PIA segment.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles. 3M assigned PO line number. Required to be returned on the ORDRSP, DESADV, and INVOIC.	C n..6
1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken. 1 Added This line item is added to the referenced message.	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. PO107 (BP)	C an..35
	7143	Item number type, coded Identification of the type of item number. BP Buyer's part number Reference number assigned by the buyer to identify an article.	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. Used on SRM POs with service lines and sub-contracting POs. The sub-contracting information will need to be returned to 3M on the DESADV. Vendor must return all components on the DESADV as specified on the sub-contracting PO. If 1 or more of the components are not consumed, the vendor should send the LIN loop for the component with 0(zero) quantity and the unit of measure of the component.	C
	5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
	1082	Line item number Serial number designating each separate item within a series of articles.	C n..6

Segment: **PIA** Additional Product Id
Position: 0950
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: 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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 5 Product identification	M an..3
M	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
		AM	UPC (Universal Product Code)/EAN (European article number) Shipping container code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and the check digit.	
		EC	Engineering change level Reference number indicating that a change or revision has been applied to an article's specification.	
		IT	Buyer's style number Number given by the buyer to a specific style or form of an article, especially used for garments. 3M replaced part number	
		MF	Manufacturer's (producer's) article number The number given to an article by its manufacturer.	
		VP	Vendor's (seller's) part number Reference number assigned by a vendor/seller identifying an article.	
		ZZZ	Mutually defined Used for manufacturer's name.	
	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
	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

		PO113 (MF) mfg part number		
	7143	Item number type, coded	C	an..3
		Identification of the type of item number.		
C212		ITEM NUMBER IDENTIFICATION	C	
		Goods identification for a specified source.		
	7140	Item number	C	an..35
		A number allocated to a group or item.		
	7143	Item number type, coded	C	an..3
		Identification of the type of item number.		
		IT Buyer's style number		
		Number given by the buyer to a specific style or form of an article, especially used for garments.		
		3M Replaced Part Number		
C212		ITEM NUMBER IDENTIFICATION	C	
		Goods identification for a specified source.		
	7140	Item number	C	an..35
		A number allocated to a group or item.		
	7143	Item number type, coded	C	an..3
		Identification of the type of item number.		

Segment: **IMD** Item Description
Position: 0960
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment for describing the product or service being ordered 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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. F Free-form	C an..3
C273		ITEM DESCRIPTION Description of an item.	C
X	7009	Item description identification	C an..17
	7008	Item description Plain language description of articles or products.	C an..35
	7008	Item description Plain language description of articles or products.	C an..35

Segment: **QTY** Quantity
Position: 0980
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment identifying the product quantities e.g. ordered quantity.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity.	M an..3
			21 Ordered quantity The quantity which has been ordered.	
			129 Units per unit price Number of units per unit price.	
M		6060	Quantity Numeric value of a quantity.	M n..15
		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C an..3

Segment: **DTM** Date/Time/Period
Position: 1010
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 35
Purpose: A segment specifying date/time/period details relating to the line item only.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M
M		2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. 2 Delivery date/time, requested Date on which buyer requests goods to be delivered.	M an..3
		2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		2379	Date/time/period format qualifier 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.	C an..3

Segment: **MOA** Monetary Amount
Position: 1020
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying any monetary amounts relating to the product e.g. item amount, insurance value, customs value.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount.	M an..3
		146	Unit price (5110) Reporting monetary amount is a "per unit" amount.	
		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
		6343	Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3
		10	Pricing currency The name or symbol of the monetary unit used for pricing purposes.	

Segment: **FTX** Free Text
Position: 1080
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: 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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAI General information	M an..3
	4453		TEXT FUNCTION, CODED Code specifying how to handle the text. 4 No action required Pass text on to later recipient.	C an..3
	C108		TEXT LITERAL Free text; one to five lines.	C
M		4440	Free text Free text field available to the message sender for information.	M an..70
		4440	Free text Free text field available to the message sender for information.	C an..70
		4440	Free text Free text field available to the message sender for information.	C an..70
		4440	Free text Free text field available to the message sender for information.	C an..70
		4440	Free text Free text field available to the message sender for information.	C an..70

Group: **PRI** Segment Group 28: Price Details
Position: 1180
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A group of segments identifying the relevant pricing information for the goods or services ordered.

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>
M	1190	PRI	Price Details	M	1	
	1210	APR	Additional Price Information	C	1	

Segment: **PRI Price Details**
Position: 1190 (Trigger Segment)
Group: Segment Group 28 (Price Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'price'.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
		PRICE INFORMATION	C
		Identification of price type, price and related details.	
M	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.	
	5387	Price type qualifier	C an..3
		Code identifying pricing specification.	
		EUP Expected unit price	
		The anticipated value of a single item.	
	6411	Measure unit qualifier	C an..3
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	

Segment: **APR** Additional Price Information
Position: 1210
Group: Segment Group 28 (Price Details) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify pricing information such as a price multiplier, the class or type of trade and additionally identifying the reason for any changes.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
		PRICE MULTIPLIER INFORMATION Price multiplier and its identification.	C
M	5394	Price multiplier Rate to be used to multiply a price.	M n..12
	5393	Price multiplier qualifier Type of price multiplier.	C an..3
		SEL Selling multiplier Description to be provided.	

Group: **RFF** Segment Group 29: Reference
Position: 1240
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references and where necessary, their dates, relating to the line item.

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>
M	1250	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1250 (Trigger Segment)
Group: Segment Group 29 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
			BM Bill of lading number Reference number assigned to a bill of lading, see: 1001 = 705.	
			PE Plant number Description to be provided.	
			VN Order number (vendor) Reference number assigned by supplier to a buyer's purchase order.	
			WS Warehouse storage location number 3M Storage Location	
			ZZZ Mutually defined reference number Number based on party agreement. When used with a value of "DESADV" in component element 1154, will indicate that the DESADV is required.	
		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. Will contain "DESADV" when component element 1153 = ZZZ, to indicate that the DESADV is required.	C an..35

Group: **TAX** Segment Group 34: Duty/Tax/Fee Details
Position: 1440
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying tax related information, and when necessary, the location(s) to which that tax information relates.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1450	TAX	Duty/Tax/Fee Details	M	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1450 (Trigger Segment)
Group: Segment Group 34 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate, or exemption, relating to the line item.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	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. Used for Federal Sales Tax. 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. Used for city or county tax. OTH Other taxes Unspecified, miscellaneous tax charges. 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
		5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services. Description of tax from 3M's ERP. For informational use only.	C an..35
	C243		DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C
		5279	Duty/tax/fee rate identification Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services. D Direct Pay E Tax Exempt T Taxable	C an..7
		5278	Duty/tax/fee rate	C an..17

Rate of duty or tax or fee applicable to commodities or of tax applicable to services.

5273 Duty/tax/fee rate basis identification C an..12

Identification of the various elements of tax combination to be attributed to a commodity.

1 Value

(5316) To specify that the applicable rate of duty, tax or fee is based on the Customs value (CCC).

3446 PARTY TAX IDENTIFICATION NUMBER C an..20

Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).

Group: **NAD** Segment Group 35: Name and Address
Position: 1480
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information, relevant to the line item only.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1490	NAD	Name and Address	M	1	
	1510		Segment Group 36: Reference	C		5

Segment: **NAD** Name and Address
Position: 1490 (Trigger Segment)
Group: Segment Group 35 (Name and Address) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: 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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Ship To address information will only be sent at the LIN level if the ST address is not the same for all items on the PO.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		PARTY QUALIFIER Code giving specific meaning to a party.	M an..3
			ST Ship to Identification of the party to where goods will be or have been shipped.	
	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C
M		3039	Party id. identification Code identifying a party involved in a transaction.	M an..35
		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
			92 Assigned by buyer or buyer's agent	
	C058		NAME AND ADDRESS Unstructured name and address: one to five lines. Used only if address exceeds space allowed in NAD C059:3042.	C
M		3124	Name and address line Free form name and address description.	M an..35
		3124	Name and address line Free form name and address description.	C an..35
	C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C
M		3036	Party name Name of a party involved in a transaction.	M an..35
		3036	Party name Name of a party involved in a transaction.	C an..35
		3036	Party name Name of a party involved in a transaction.	C an..35
	C059		STREET Street address and/or PO Box number in a structured address: one to three lines.	C
M		3042	Street and number/p.o. box Street and number in plain language, or Post Office Box No.	M an..35
		3042	Street and number/p.o. box	C 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.		
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 36: Reference
Position: 1510
Group: Segment Group 35 (Name and Address) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments giving references only relevant to the specified party rather than the line item.

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>
M	1520	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1520 (Trigger Segment)
Group: Segment Group 36 (Reference) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number. AHP Tax registration number The registration number by which a company/organization is identified with the tax administration. 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).	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
		1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6
		4000	Reference version number To uniquely identify a reference by its revision number.	C an..35

Group: **LIN** Segment Group 25: Sub-line for Subcontract PO
Position: 0930
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 200000
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0940	LIN	Line Item	M	1	
	0950	IMD	Item Description	C	99	
	0951	QTY	Quantity	C	10	
	0952		Segment Group 26: Reference	C	10	

Segment: **LIN** Line Item
Position: 0940 (Trigger Segment)
Group: Segment Group 25 (Sub-line for Subcontract PO) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered. Other product identification numbers e.g. Buyer product number, etc. can be specified within the following PIA segment.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles. Contains the 3M assigned PO line number for the parent LIN. Required to be returned on the DESADV.	C n..6
1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken. 1 Added This line item is added to the referenced message.	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 Used in the sub-line of a sub-contracting PO to identify the Sub-line 3M Material Number.	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. Used on SRM POs with service lines and sub-contracting POs. The sub-contracting information will need to be returned to 3M on the DESADV. Vendor must return all components on the DESADV as specified on the sub-contracting PO. If 1 or more of the components are not consumed, the vendor should send the LIN loop for the component with 0(zero) quantity and the unit of measure of the component.	C
	5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
	1082	Line Item number Serial number designating each separate item within a series of articles. Contains the 3M assigned PO line number for the parent LIN.	C n..6

Segment: **IMD** Item Description
Position: 0950
Group: Segment Group 25 (Sub-line for Subcontract PO) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment for describing the product or service being ordered 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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. F Free-form	C an..3
C273		ITEM DESCRIPTION Description of an item.	C
X	7009	Item description identification	C an..17
	7008	Item description Plain language description of articles or products.	C an..35
	7008	Item description Plain language description of articles or products.	C an..35

Segment: **QTY** Quantity
Position: 0951
Group: Segment Group 25 (Sub-line for Subcontract PO) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment identifying the product quantities e.g. ordered quantity.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity. 21 Ordered quantity The quantity which has been ordered.	M an..3
M		6060	Quantity Numeric value of a quantity.	M n..15
		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C an..3

Group: **RFF** Segment Group 26: Reference
Position: 0952
Group: Segment Group 25 (Sub-line for Subcontract PO) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose:

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1250	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1250 (Trigger Segment)
Group: Segment Group 26 (Reference) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
			LI Line item reference number (1156) Reference number identifying a particular line in a document. Used only in a Sub-Line LIN to indicate the sub-line number	
		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

Group: **LIN** Segment Group 25: Sub-line for Indirect PO with Service Lines
Position: 0930
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 200000
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0940	LIN	Line Item	M	1	
	0950	IMD	Item Description	C	99	
	0951	QTY	Quantity	C	10	
	0952	MOA	Monetary Amount	C	10	
	0953		Segment Group 26: Reference	C		10

Segment: **LIN** Line Item
Position: 0940 (Trigger Segment)
Group: Segment Group 25 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered. Other product identification numbers e.g. Buyer product number, etc. can be specified within the following PIA segment.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles. Contains the 3M assigned PO line number for the parent LIN. Required to be returned on the ORDRSP.	C n..6
1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken. 1 Added This line item is added to the referenced message.	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 Used in the sub-line of a sub-contracting PO to identify the Sub-line 3M Material Number.	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. Used on SRM POs with service lines and sub-contracting POs. The sub-contracting information will need to be returned to 3M on the DESADV. Vendor must return all components on the DESADV as specified on the sub-contracting PO. If 1 or more of the components are not consumed, the vendor should send the LIN loop for the component with 0(zero) quantity and the unit of measure of the component.	C
	5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
	1082	Line Item Number Serial number designating each separate item within a series of articles. Contains the 3M assigned PO line number for the parent LIN.	C n..6

Segment: **IMD** Item Description
Position: 0950
Group: Segment Group 25 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment for describing the product or service being ordered 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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	7077	ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. F Free-form	C an..3
	C273	ITEM DESCRIPTION Description of an item.	C
X	7009	Item description identification	C an..17
	7008	Item description Plain language description of articles or products.	C an..35
	7008	Item description Plain language description of articles or products.	C an..35

Segment: **QTY** Quantity
Position: 0951
Group: Segment Group 25 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment identifying the product quantities e.g. ordered quantity.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity Details Code giving specific meaning to a quantity. 21 Ordered quantity The quantity which has been ordered.	M an..3
M		6060	Quantity qualifier Numeric value of a quantity.	M n..15
		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C an..3

Segment: **MOA** Monetary Amount
Position: 0952
Group: Segment Group 25 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying any monetary amounts relating to the product e.g. item amount, insurance value, customs value.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount. 146 Unit price (5110) Reporting monetary amount is a "per unit" 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
		6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
		4405	Status, coded Provides information regarding a status. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3

Group: **RFF** Segment Group 26: Reference
Position: 0953
Group: Segment Group 25 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 3
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>
M	1250	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1250 (Trigger Segment)
Group: Segment Group 26 (Reference) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
			LI Line item reference number (1156) Reference number identifying a particular line in a document. Used only in a Sub-Line LIN to indicate the sub-line number	
		1154	Reference Number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. Will contain "DESADV" when component element 1153 = ZZZ, to indicate that the DESADV is required.	C an..35

Segment: **UNS** Section Control
Position: 2090
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment placed at the start of the summary section to avoid segment collision.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	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: 2110
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment by which control totals may be provided by the sender for checking by the receiver.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C270		CONTROL Control total for checking integrity of a message or part of a message.	M
M		6069	Control qualifier Determines the source data elements in the message which forms the basis for 6066 Control value. 3 Number of line and sub items in message Description to be provided.	M an..3
M		6066	Control value Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).	M n..18

Segment: **UNT** Message Trailer
Position: 2160
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

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