

ORDCHG Purchase Order Change Request Message

Introduction:

A message from the buyer to the seller, specifying details of the buyer's request to change a purchase order.

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>
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: AJT-FTX	C		1	
Not Used	0120	AJT	Adjustment Details	M	1		
Not Used	0130	FTX	Free Text	C	5		
	0140		Segment Group 3: NAD-LOC-FII-SG4-SG5-SG6	C		99	
M	0150	NAD	Name and Address	M	1		
Not Used	0160	LOC	Place/Location Identification	C	25		
Not Used	0170	FII	Financial Institution Information	C	5		
	0180		Segment Group 4: RFF-DTM	C		10	
M	0190	RFF	Reference	M	1		
Not Used	0200	DTM	Date/Time/Period	C	5		
	0210		Segment Group 5: DOC-DTM	C		5	
Not Used	0220	DOC	Document/Message Details	M	1		
Not Used	0230	DTM	Date/Time/Period	C	5		
	0240		Segment Group 6: CTA-COM	C		5	
M	0250	CTA	Contact Information	M	1		
	0260	COM	Communication Contact	C	5		
	0270		Segment Group 7: TAX-MOA-LOC	C		5	
Not Used	0280	TAX	Duty/Tax/Fee Details	M	1		
Not Used	0290	MOA	Monetary Amount	C	1		
Not Used	0300	LOC	Place/Location Identification	C	5		
	0310		Segment Group 8: CUX-PCD-DTM	C		5	
M	0320	CUX	Currencies	M	1		
Not Used	0330	PCD	Percentage Details	C	5		
Not Used	0340	DTM	Date/Time/Period	C	5		
	0350		Segment Group 9: PAT-DTM-PCD-MOA	C		10	
M	0360	PAT	Payment Terms Basis	M	1		

Not Used	0370	DTM	Date/Time/Period	C	5
	0380	PCD	Percentage Details	C	1
Not Used	0390	MOA	Monetary Amount	C	1
Not Used	0400		Segment Group 10: TDT-SG11	C	10
Not Used	0410	TDT	Details of Transport	M	1
Not Used	0420		Segment Group 11: LOC-DTM	C	10
Not Used	0430	LOC	Place/Location Identification	M	1
Not Used	0440	DTM	Date/Time/Period	C	5
	0450		Segment Group 12: TOD-LOC-TOD	C	5
M	0460	TOD	Terms of Delivery or Transport	M	1
	0470	LOC	Place/Location Identification	C	2
Not Used	0460	TOD	Terms of Delivery or Transport	C	1
Not Used	0480		Segment Group 13: PAC-MEA-SG14	C	10
Not Used	0490	PAC	Package	M	1
Not Used	0500	MEA	Measurements	C	5
Not Used	0510		Segment Group 14: PCI-RFF-DTM-GIN	C	5
Not Used	0520	PCI	Package Identification	M	1
Not Used	0530	RFF	Reference	C	1
Not Used	0540	DTM	Date/Time/Period	C	5
Not Used	0550	GIN	Goods Identity Number	C	10
Not Used	0560		Segment Group 15: EQD-HAN-MEA-FTX	C	10
Not Used	0570	EQD	Equipment Details	M	1
Not Used	0580	HAN	Handling Instructions	C	5
Not Used	0590	MEA	Measurements	C	5
Not Used	0600	FTX	Free Text	C	5
Not Used	0610		Segment Group 16: SCC-FTX-RFF-SG17	C	10
Not Used	0620	SCC	Scheduling Conditions	M	1
Not Used	0630	FTX	Free Text	C	5
Not Used	0640	RFF	Reference	C	5
Not Used	0650		Segment Group 17: QTY-DTM	C	10
Not Used	0660	QTY	Quantity	M	1
Not Used	0670	DTM	Date/Time/Period	C	5
Not Used	0680		Segment Group 18: APR-DTM-RNG	C	25
Not Used	0690	APR	Additional Price Information	M	1
Not Used	0700	DTM	Date/Time/Period	C	5
Not Used	0710	RNG	Range Details	C	1
Not Used	0720		Segment Group 19: ALC-ALI-DTM-SG20-SG21-SG22-SG23-SG24	C	15
Not Used	0730	ALC	Allowance or Charge	M	1
Not Used	0740	ALI	Additional Information	C	5
Not Used	0750	DTM	Date/Time/Period	C	5
Not Used	0760		Segment Group 20: QTY-RNG	C	1
Not Used	0770	QTY	Quantity	M	1
Not Used	0780	RNG	Range Details	C	1
Not Used	0790		Segment Group 21: PCD-RNG	C	1
Not Used	0800	PCD	Percentage Details	M	1
Not Used	0810	RNG	Range Details	C	1

Not Used	0820		Segment Group 22: MOA-RNG	C	2	
Not Used	0830	MOA	Monetary Amount	M	1	
Not Used	0840	RNG	Range Details	C	1	
Not Used	0850		Segment Group 23: RTE-RNG	C	1	
Not Used	0860	RTE	Rate Details	M	1	
Not Used	0870	RNG	Range Details	C	1	
Not Used	0880		Segment Group 24: TAX-MOA	C	5	
Not Used	0890	TAX	Duty/Tax/Fee Details	M	1	
Not Used	0900	MOA	Monetary Amount	C	1	
Not Used	0910		Segment Group 25: RCS-RFF-DTM-FTX	C	100	
Not Used	0920	RCS	Requirements and Conditions	M	1	
Not Used	0930	RFF	Reference	C	5	
Not Used	0940	DTM	Date/Time/Period	C	5	
Not Used	0950	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>
	0960		Segment Group 26: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-MOA-GIN-GIR-QVR-DOC-PAI-FTX-SG27-SG28-SG29-SG30-SG31-SG32-SG35-SG36-SG37-SG41-SG47-SG49-SG50-SG51-SG53-SG54	C		200000	
M	0970	LIN	Line Item	M	1		
	0980	PIA	Additional Product Id	C	25		
	0990	IMD	Item Description	C	99		
Not Used	1000	MEA	Measurements	C	5		
	1010	QTY	Quantity	C	10		
Not Used	1020	PCD	Percentage Details	C	5		
Not Used	1030	ALI	Additional Information	C	5		
	1040	DTM	Date/Time/Period	C	35		
	1050	MOA	Monetary Amount	C	10		
Not Used	1060	GIN	Goods Identity Number	C	1000		
Not Used	1070	GIR	Related Identification Numbers	C	1000		
Not Used	1080	QVR	Quantity Variances	C	1		
Not Used	1090	DOC	Document/Message Details	C	5		
Not Used	1100	PAI	Payment Instructions	C	1		
	1110	FTX	Free Text	C	99		
Not Used	1120		Segment Group 27: CCI-CAV-MEA	C		999	
Not Used	1130	CCI	Characteristic/Class Id	M	1		
Not Used	1140	CAV	Characteristic Value	C	10		
Not Used	1150	MEA	Measurements	C	10		
Not Used	1160		Segment Group 28: PAT-DTM-PCD-MOA	C		10	
Not Used	1170	PAT	Payment Terms Basis	M	1		
Not Used	1180	DTM	Date/Time/Period	C	5		
Not Used	1190	PCD	Percentage Details	C	1		
Not Used	1200	MOA	Monetary Amount	C	1		
Not Used	1210		Segment Group 29: AJT-FTX	C		1	
Not Used	1220	AJT	Adjustment Details	M	1		

Not Used	1230	FTX	Free Text	C	5
	1240		Segment Group 30: PRI-CUX-APR-RNG-DTM	C	25
M	1250	PRI	Price Details	M	1
Not Used	1260	CUX	Currencies	C	1
	1270	APR	Additional Price Information	C	1
Not Used	1280	RNG	Range Details	C	1
Not Used	1290	DTM	Date/Time/Period	C	5
	1300		Segment Group 31: RFF-DTM	C	999
M	1310	RFF	Reference	M	1
Not Used	1320	DTM	Date/Time/Period	C	5
Not Used	1330		Segment Group 32: PAC-MEA-QTY-DTM-SG33-SG34	C	10
Not Used	1340	PAC	Package	M	1
Not Used	1350	MEA	Measurements	C	5
Not Used	1360	QTY	Quantity	C	5
Not Used	1370	DTM	Date/Time/Period	C	5
Not Used	1380		Segment Group 33: RFF-DTM	C	1
Not Used	1390	RFF	Reference	M	1
Not Used	1400	DTM	Date/Time/Period	C	5
Not Used	1410		Segment Group 34: PCI-RFF-DTM-GIN	C	5
Not Used	1420	PCI	Package Identification	M	1
Not Used	1430	RFF	Reference	C	1
Not Used	1440	DTM	Date/Time/Period	C	5
Not Used	1450	GIN	Goods Identity Number	C	10
Not Used	1460		Segment Group 35: LOC-QTY-DTM	C	9999
Not Used	1470	LOC	Place/Location Identification	M	1
Not Used	1480	QTY	Quantity	C	1
Not Used	1490	DTM	Date/Time/Period	C	5
	1500		Segment Group 36: TAX-MOA-LOC	C	10
M	1510	TAX	Duty/Tax/Fee Details	M	1
Not Used	1520	MOA	Monetary Amount	C	1
Not Used	1530	LOC	Place/Location Identification	C	5
	1540		Segment Group 37: NAD-LOC-SG38-SG39-SG40	C	10
M	1550	NAD	Name and Address	M	1
Not Used	1560	LOC	Place/Location Identification	C	5
	1570		Segment Group 38: RFF-DTM	C	5
M	1580	RFF	Reference	M	1
Not Used	1590	DTM	Date/Time/Period	C	5
Not Used	1600		Segment Group 39: DOC-DTM	C	5
Not Used	1610	DOC	Document/Message Details	M	1
Not Used	1620	DTM	Date/Time/Period	C	5
Not Used	1630		Segment Group 40: CTA-COM	C	5
Not Used	1640	CTA	Contact Information	M	1
Not Used	1650	COM	Communication Contact	C	5
Not Used	1660		Segment Group 41: ALC-ALI-DTM-SG42-SG43-SG44-SG45-SG46	C	99
Not Used	1670	ALC	Allowance or Charge	M	1

Not Used	1680	ALI	Additional Information	C	5
Not Used	1690	DTM	Date/Time/Period	C	5
Not Used	1700		Segment Group 42: QTY-RNG	C	1
Not Used	1710	QTY	Quantity	M	1
Not Used	1720	RNG	Range Details	C	1
Not Used	1730		Segment Group 43: PCD-RNG	C	1
Not Used	1740	PCD	Percentage Details	M	1
Not Used	1750	RNG	Range Details	C	1
Not Used	1760		Segment Group 44: MOA-RNG	C	2
Not Used	1770	MOA	Monetary Amount	M	1
Not Used	1780	RNG	Range Details	C	1
Not Used	1790		Segment Group 45: RTE-RNG	C	1
Not Used	1800	RTE	Rate Details	M	1
Not Used	1810	RNG	Range Details	C	1
Not Used	1820		Segment Group 46: TAX-MOA	C	5
Not Used	1830	TAX	Duty/Tax/Fee Details	M	1
Not Used	1840	MOA	Monetary Amount	C	1
Not Used	1850		Segment Group 47: TDT-SG48	C	10
Not Used	1860	TDT	Details of Transport	M	1
Not Used	1870		Segment Group 48: LOC-DTM	C	10
Not Used	1880	LOC	Place/Location Identification	M	1
Not Used	1890	DTM	Date/Time/Period	C	5
Not Used	1900		Segment Group 49: TOD-LOC	C	5
Not Used	1910	TOD	Terms of Delivery or Transport	M	1
Not Used	1920	LOC	Place/Location Identification	C	2
Not Used	1930		Segment Group 50: EQD-HAN-MEA-FTX	C	10
Not Used	1940	EQD	Equipment Details	M	1
Not Used	1950	HAN	Handling Instructions	C	5
Not Used	1960	MEA	Measurements	C	5
Not Used	1970	FTX	Free Text	C	5
Not Used	1980		Segment Group 51: SCC-FTX-RFF-SG52	C	100
Not Used	1990	SCC	Scheduling Conditions	M	1
Not Used	2000	FTX	Free Text	C	5
Not Used	2010	RFF	Reference	C	5
Not Used	2020		Segment Group 52: QTY-DTM	C	10
Not Used	2030	QTY	Quantity	M	1
Not Used	2040	DTM	Date/Time/Period	C	5
Not Used	2050		Segment Group 53: RCS-RFF-DTM-FTX	C	100
Not Used	2060	RCS	Requirements and Conditions	M	1
Not Used	2070	RFF	Reference	C	5
Not Used	2080	DTM	Date/Time/Period	C	5
Not Used	2090	FTX	Free Text	C	5
Not Used	2100		Segment Group 54: STG-SG55	C	10
Not Used	2110	STG	Stages	M	1
Not Used	2120		Segment Group 55: QTY-MOA	C	3
Not Used	2130	QTY	Quantity	M	1

Not Used	2140	MOA	Monetary Amount	C	1	
	0960		Segment Group 26: LIN-IMD-QTY-SG27	C	200000	
M	0970	LIN	Line Item	M	1	
	0980	IMD	Item Description	C	99	
	0981	QTY	Quantity	C	10	
	0982		Segment Group 27: RFF-DTM	C	999	
M	1310	RFF	Reference	M	1	
Not Used	1320	DTM	Date/Time/Period	C	5	
	0960		Segment Group 26: LIN-IMD-QTY-MOA-SG27	C	200000	
M	0970	LIN	Line Item	M	1	
	0980	IMD	Item Description	C	99	
	0981	QTY	Quantity	C	10	
	0982	MOA	Monetary Amount	C	10	
	0983		Segment Group 27: RFF-DTM	C	999	
M	1310	RFF	Reference	M	1	
Not Used	1320	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	2150	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	2160	MOA	Monetary Amount	C	12		
	2170	CNT	Control Total	C	10		
Not Used	2180		Segment Group 56: ALC-ALI-MOA	C	10		
Not Used	2190	ALC	Allowance or Charge	M	1		
Not Used	2200	ALI	Additional Information	C	1		
Not Used	2210	MOA	Monetary Amount	M	2		
M	2220	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 change request message is ORDCHG.
 Note: Purchase order change request messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 ORDCHG 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. ORDCHG Purchase order change message Message from the buyer to the seller, specifying details of the buyer's request to change a purchase order.	M an..6
M		0052	Message type version number Version number of a message type.	M an..3
M		0054	Message type release number Release number within the current message type version number (0052). Hardcode "96A"	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 change by means of its 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 an 830 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.	
		Used for Dropship orders.	
1004		DOCUMENT/MESSAGE NUMBER	C an..35
		Reference number assigned to the document/message by the issuer.	
1225		MESSAGE FUNCTION, CODED	C an..3
		Code indicating the function of the message.	

4343	4	Change Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.	
	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 order or order change message. The segment must be specified at least once to identify the order change 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. schedule dates are specified within Segment group 47.

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	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		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.	
		194	Start date/time	
			Date/time on which a period starts.	
			This date will only be sent if applicatble for a scheduling agreement or a Limit (SRM) PO.	
		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	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.	

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	M an..3
			Code specifying subject of a free text.	
		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.	
			Managing Director Information	
	4453		TEXT FUNCTION, CODED	C an..3
			Code specifying how to handle the text.	
			Hardcode '4'	
		4	No action required	
			Pass text on to later recipient.	
	C108		TEXT LITERAL	C
			Free text; one to five lines.	
M	4440	Free text		M an..70
			Free text field available to the message sender for information.	
	4440	Free text		C an..70
			Free text field available to the message sender for information.	
	4440	Free text		C an..70
			Free text field available to the message sender for information.	
	4440	Free text		C an..70
			Free text field available to the message sender for information.	
	4440	Free text		C an..70
			Free text field available to the message sender for information.	

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. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</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 that document.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The Ship To Address found in the N1 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

	Data Element	Component Element	Name	Attributes
M	C506		REFERENCE	M
			Identification of a reference.	
M		1153	Reference qualifier	M an..3
			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	
		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.	

Group: **NAD** Segment Group 3: Name and Address
Position: 0140
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:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0180		Segment Group 4: Reference	C		10
	0240		Segment Group 6: Contact Information	C		5

Segment: **NAD** Name and Address
Position: 0150 (Trigger Segment)
Group: Segment Group 3 (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 change. Identification of the seller and buyer parties is mandatory for the order change message. It is recommended that where possible only the coded form of the party ID should be specified. i.e. The Buyer and Seller are known to each other, and only the coded format is required. Consignee or Delivery addresses may vary and would have to be completely specified, preferably in structured format.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary			
	<u>Data Element</u>	<u>Component Element</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.	
		Required by 3M to be returned on the INVOIC.	
		The Ship To Address is where material should be shipped.	
		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 ORDER 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.		
	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 4: Reference
Position: 0180
Group: Segment Group 3 (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 change.

Segment Summary				
	Pos.	Seg.		
	<u>No.</u>	<u>ID</u>	<u>Name</u>	
M	0190	RFF	Reference	

Req.	Max.	Group:
<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1	

Segment: **RFF** Reference
Position: 0190 (Trigger Segment)
Group: Segment Group 4 (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	M
			Identification of a reference.	
M		1153	Reference qualifier	M an..3
			Code giving specific meaning to a reference segment or a reference number.	
			'VA' if Z2MMPR_EDK01:STCEG not blank	
			'AHP' if Z2MMPR_EDK01:TAXID not blank	
		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	C an..35
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	

Group: **CTA** Segment Group 6: Contact Information
Position: 0240
Group: Segment Group 3 (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.

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	0250	CTA	Contact Information	M	1	
	0260	COM	Communication Contact	C	5	

Segment: **CTA** **Contact Information**
Position: 0250 (Trigger Segment)
Group: Segment Group 6 (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.	
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
	3412	Department or employee	C an..35
		The department or person within an organizational entity.	

Segment: **COM** Communication Contact
Position: 0260
Group: Segment Group 6 (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	M
			Communication number of a department or employee in a specified channel.	
M		3148	Communication number	M an..512
			The communication number.	
M		3155	Communication channel qualifier	M an..3
			Code identifying the type of communication channel being used.	
		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 8: Currencies
Position: 0310
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 change. 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	0320	CUX	Currencies	M	1	

Segment: **CUX** Currencies
Position: 0320 (Trigger Segment)
Group: Segment Group 8 (Currencies) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the currencies required in the order change, 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			
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C504	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.	
	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 9: Payment Terms Basis
Position: 0350
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying the terms of payment applicable for the whole order change.

Segment Summary				
	Pos.	Seg.		
	<u>No.</u>	<u>ID</u>	<u>Name</u>	
M	0360	PAT	Payment Terms Basis	Req. <u>Des.</u> M
	0380	PCD	Percentage Details	Max. <u>Use</u> 1
				Group: <u>Repeat</u> 1

Segment: **PAT** Payment Terms Basis
Position: 0360 (Trigger Segment)
Group: Segment Group 9 (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	M an..3
			Identification of the type of payment terms.	
		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	M an..17
			Identification of the terms of payment between the parties to a transaction (generic term).	
		1	Draft(s) drawn on issuing bank	
			Draft(s) must be drawn on the issuing bank.	
	C112		TERMS/TIME INFORMATION	C
			Time details in payment terms.	
M		2475	Payment time reference, coded	M an..3
			Code relating payment terms to the date of a specific event.	
		5	Date of invoice	
			Payment time reference is date of invoice.	
		2009	Time relation, coded	C an..3
			Code relating payment terms to a time before, on or after the reference date.	
		3	After reference	
			Payment terms related to time after reference date.	
		2151	Type of period, coded	C an..3
			Agreed or specified period of time (coded).	
		D	Day	
		2152	Number of periods	C n..3
			Number of periods of the type indicated in data element 2151 Type of period, coded.	

Segment: **PCD** **Percentage Details**
Position: 0380
Group: Segment Group 9 (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
		1131	Code list qualifier Identification of a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3

Group: **TOD** Segment Group 12: Terms of Delivery or Transport
Position: 0450
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments indicating the terms of delivery for the whole order change.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	0460	TOD	Terms of Delivery or Transport	M	1	
	0470	LOC	Place/Location Identification	C	2	

Segment: **TOD** Terms of Delivery or Transport
Position: 0460 (Trigger Segment)
Group: Segment Group 12 (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/ECE INCOTERMS codes can 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. 6 Delivery condition Specifies the conditions under which the goods must be delivered to the consignee.	C an..3
4215		TRANSPORT CHARGES METHOD OF PAYMENT, CODED Identification of method of payment for transport charges. 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.	C an..3
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. 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	C an..3

1131	Code list qualifier	C	an..3
	Identification of a code list.		
	106	Incoterms 1980	
		(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: 0470
Group: Segment Group 12 (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>
M	3227		PLACE/LOCATION QUALIFIER
			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 26: Line Item
Position: 0960
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 200000
Purpose: A group of segments providing details of the individual line items. This Segment group may be repeated to give sub-line details.

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	0970	LIN	Line Item	M	1	
	0980	PIA	Additional Product Id	C	25	
	0990	IMD	Item Description	C	99	
	1010	QTY	Quantity	C	10	
	1040	DTM	Date/Time/Period	C	35	
	1050	MOA	Monetary Amount	C	10	
	1110	FTX	Free Text	C	99	
	1240		Segment Group 30: Price Details	C		25
	1300		Segment Group 31: Reference	C		999
	1500		Segment Group 36: Duty/Tax/Fee Details	C		10
	1540		Segment Group 37: Name and Address	C		10
	0960		Segment Group 26: Sub-line for Subcontract PO	C		200000
	0960		Segment Group 26: Sub-line for Indirect PO with Service Lines	C		200000

Segment: **LIN** Line Item
Position: 0970 (Trigger Segment)
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item with 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. The D.E. 1229 has to be used.

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.	C n..6
1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken.	C an..3
	1	Added This line item is added to the referenced message.	
	2	Deleted This line item is deleted from the referenced message.	
	3	Changed This line item is changed in the referenced message.	
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
		BP Buyer's part number Reference number assigned by the buyer to identify an article.	
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. When use on a sub-contract PO, the sub-line information will need to be returned to 3M only on the DESADV. Vendor must return all components on the DESADV as specified on the PO. If 1 or more of the components are not consumed, the vendor should send the LIN sub-line loop for the component with 0(zero) quantity and the unit of measure of the component. When used on an SRM PO with Service Lines, the sub-line information will need to be returned to 3M only on the ORDRSP.	C
	5495	Sub-line indicator, coded	C an..3

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.

1082 Line item number C n..6

Serial number designating each separate item within a series of articles.

7083 CONFIGURATION, CODED C an..3

Code indicating the status of the sub-line item in the configuration.

A	Added to the configuration
	Used to indicate the item has been added from the PO.
D	Deleted from the configuration
	Used to indicate the item has been deleted from the PO.
I	Included in the configuration
	Used to indicate change to line item.

Segment: **PIA** Additional Product Id
Position: 0980
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A segment providing either additional identification of 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
	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
	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
	7143	Item number type, coded Identification of the type of item number.	C	an..3

Segment: **IMD** Item Description
Position: 0990
Group: Segment Group 26 (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 item number.

Dependency Notes:
Semantic Notes:
Comments:

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

Segment: **QTY** Quantity
Position: 1010
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment identifying a quantity as specified by the Action Code Request.
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: 1040
Group: Segment Group 26 (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.
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	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
		2	Delivery date/time, requested	
			Date on which buyer requests goods to be delivered.	
		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.	

Segment: **MOA** Monetary Amount
Position: 1050
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying any monetary amounts relating to the line item, 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>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. 10 Pricing currency The name or symbol of the monetary unit used for pricing purposes.	C an..3

Segment: **FTX** Free Text
Position: 1110
Group: Segment Group 26 (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
		4440	Free text Free text field available to the message sender for information.	M an..70
M		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

PRI Segment Group 30: Price Details

Segment Summary

Segment: **PRI** Price Details
Position: 1250 (Trigger Segment)
Group: Segment Group 30 (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 'Unit Price'.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary			
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	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.	
	5387	Price type qualifier	C an..3
		Code identifying pricing specification.	
		EUP Expected unit price	
		The anticipated value of a single item.	
		TU Traded unit	
	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: 1270
Group: Segment Group 30 (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>
M	C138	PRICE MULTIPLIER INFORMATION Price multiplier and its identification.	C
	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 31: Reference
Position: 1300
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 999
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	1310	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1310 (Trigger Segment)
Group: Segment Group 31 (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 that document.

Dependency Notes:
Semantic Notes:
Comments:

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

Group: **TAX** Segment Group 36: Duty/Tax/Fee Details
Position: 1500
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying duty/tax/fee related information, and when necessary, the location(s) to which that information relates.

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	1510	TAX	Duty/Tax/Fee Details	M	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1510 (Trigger Segment)
Group: Segment Group 36 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a duty/tax/fee 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	M an..3
			Code identifying the function of an duty, tax or fee information. 7 Tax Contribution levied by an authority.	
	C241		DUTY/TAX/FEE TYPE	C
			Code and/or name identifying duty, tax or fee.	
		5153	Duty/tax/fee type, coded	C an..3
			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.	
		5152	Duty/tax/fee type	C an..35
			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.	
	C243		DUTY/TAX/FEE DETAIL	C
			Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	
		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.	
			D Direct Pay E Tax Exempt T Taxable	

	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 37: Name and Address
Position: 1540
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments identifying the parties with associated information, relevant to the line item only.

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	1550	NAD	Name and Address	M	1	
	1570		Segment Group 38: Reference	C		5

Segment: **NAD** Name and Address
Position: 1550 (Trigger Segment)
Group: Segment Group 37 (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 order.

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. ST Ship to Identification of the party to where goods will be or have been shipped.	M an..3
	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. 92 Assigned by buyer or buyer's agent	C an..3
	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
	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 Street and number in plain language, or Post Office Box No.	C an..35
	3042		Street and number/p.o. box Street and number in plain language, or Post Office Box No.	C an..35

	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 38: Reference
Position: 1570
Group: Segment Group 37 (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.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	1580	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1580 (Trigger Segment)
Group: Segment Group 38 (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	M
			Identification of a reference.	
M		1153	Reference qualifier	M an..3
			Code giving specific meaning to a reference segment or a reference number.	
			'VA' if Z2MMPR_EDK01:STCEG not blank	
			'AHP' if Z2MMPR_EDK01:TAXID not blank	
		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	C an..35
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	

Group: **LIN** Segment Group 26: Sub-line for Subcontract PO
Position: 0960
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 200000
Purpose: A group of segments providing details of the individual line items. This Segment group may be repeated to give sub-line details.

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	0970	LIN	Line Item	M	1	
	0980	IMD	Item Description	C	99	
	0981	QTY	Quantity	C	10	
	0982		Segment Group 27: Reference	C		999

Segment: **LIN** Line Item
Position: 0970 (Trigger Segment)
Group: Segment Group 26 (Sub-line for Subcontract PO) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item with 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. The D.E. 1229 has to be used.

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	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. When use on a sub-contract PO, the sub-line information will need to be returned to 3M only on the DESADV. Vendor must return all components on the DESADV as specified on the PO. If 1 or more of the components are not consumed, the vendor should send the LIN sub-line loop for the component with 0(zero) quantity and the unit of measure of the component. When used on an SRM PO with Service Lines, the sub-line information will need to be returned to 3M only on the ORDRSP.	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

Contains the 3M assigned PO line number for the parent LIN.

Segment: **IMD** Item Description
Position: 0980
Group: Segment Group 26 (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 item number.

Dependency Notes:
Semantic Notes:
Comments:

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

Segment: **QTY** Quantity
Position: 0981
Group: Segment Group 26 (Sub-line for Subcontract PO) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment identifying a quantity as specified by the Action Code Request.
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	M
			Quantity information in a transaction, qualified when relevant.	
M		6063	Quantity qualifier	M an..3
			Code giving specific meaning to a quantity.	
		21	Ordered quantity	
			The quantity which has been ordered.	
M		6060	Quantity	M n..15
			Numeric value of a quantity.	
		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: **RFF** Segment Group 27: Reference
Position: 0982
Group: Segment Group 26 (Sub-line for Subcontract PO) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments giving references and where necessary, their dates, relating to the line item.

Segment Summary				
	Pos.	Seg.		
	<u>No.</u>	<u>ID</u>	<u>Name</u>	
M	1310	RFF	Reference	

Req.	Max.	Group:
<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1	

Segment: **RFF** Reference
Position: 1310 (Trigger Segment)
Group: Segment Group 27 (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 that 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	M
		Identification of a reference.	
M		1153 Reference qualifier	M an..3
		Code giving specific meaning to a reference segment or a reference number.	
		LI Line item reference number	
		(1156) Reference number identifying a particular line in a document.	
		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.	
		Will contain "DESADV" when component element 1153 = ZZZ, to indicate that the DESADV is required.	

Group: **LIN** Segment Group 26: Sub-line for Indirect PO with Service Lines
Position: 0960
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 200000
Purpose: A group of segments providing details of the individual line items. This Segment group may be repeated to give sub-line details.

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	0970	LIN	Line Item	M	1	
	0980	IMD	Item Description	C	99	
	0981	QTY	Quantity	C	10	
	0982	MOA	Monetary Amount	C	10	
	0983		Segment Group 27: Reference	C		999

Segment: **LIN** Line Item
Position: 0970 (Trigger Segment)
Group: Segment Group 26 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item with 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. The D.E. 1229 has to be used.

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	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. When use on a sub-contract PO, the sub-line information will need to be returned to 3M only on the DESADV. Vendor must return all components on the DESADV as specified on the PO. If 1 or more of the components are not consumed, the vendor should send the LIN sub-line loop for the component with 0(zero) quantity and the unit of measure of the component. When used on an SRM PO with Service Lines, the sub-line information will need to be returned to 3M only on the ORDRSP.	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

Contains the 3M assigned PO line number for the parent LIN.

Segment: **IMD** Item Description
Position: 0980
Group: Segment Group 26 (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 item number.

Dependency Notes:
Semantic Notes:
Comments:

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

Segment: **QTY** Quantity
Position: 0981
Group: Segment Group 26 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment identifying a quantity as specified by the Action Code Request.
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	M
			Quantity information in a transaction, qualified when relevant.	
M		6063	Quantity qualifier	M an..3
			Code giving specific meaning to a quantity.	
		21	Ordered quantity	
			The quantity which has been ordered.	
M		6060	Quantity	M n..15
			Numeric value of a quantity.	
		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: **MOA** Monetary Amount
Position: 0982
Group: Segment Group 26 (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 line item, 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

Group: **RFF** Segment Group 27: Reference
Position: 0983
Group: Segment Group 26 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments giving references and where necessary, their dates, relating to the line item.

Segment Summary						
	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	1310	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1310 (Trigger Segment)
Group: Segment Group 27 (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 that 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	M
		Identification of a reference.	
M		1153 Reference qualifier	M an..3
		Code giving specific meaning to a reference segment or a reference number.	
		LI Line item reference number	
		(1156) Reference number identifying a particular line in a document.	
		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.	
		Will contain "DESADV" when component element 1153 = ZZZ, to indicate that the DESADV is required.	

Segment: **UNS** Section Control
Position: 2150
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: 2170
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment by which control totals may be provided.

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	M
			Control total for checking integrity of a message or part of a message.	
M		6069	Control qualifier	M an..3
			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		6066	Control value	M n..18
			Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).	

Segment: **UNT** Message Trailer
Position: 2220
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

APPENDIX

Order Change (ORDCHG) example

UNB+UNOA:1+3MGLOBALT:ZZ+SUPPLIER MAILBOX NUMBER:14+DATE IN YYMMDD:TIME IN HH
MM+INTERCHANGE NUMBER'
UNH+1+ORDCHG:D:96A:UN'
BGM+105+10 DIGIT SAP PURCHASE ORDER NUMBER +4+NA'
DTM+137:DATE IN YYYYMMDD:102'
FTX+ABC+4++For PO terms and conditions please visit <http://3m.com/supplierterms>'
RFF+PE:4 DIGIT SAP PLANT NUMBER'
RFF+WS:4 DIGIT WAREHOUSE STORAGE LOCATION NUMBER'
NAD+VN+SUPPLIER VENDOR CODE::92++VENDOR NAME+ADDRESS LINE 1+TOWN OR CITY+SAP REGION
CODE+POST CODE+SAP COUNTRY CODE'
NAD+ST+PLANT NUMBER::92++PLANT NAME+ADDRESS LINE 1:ADDRESS LINE 2+TOWN OR CITY+SAP REGION
CODE+POST CODE+SAP COUNTRY CODE'
RFF+VA:VATID' (If applicable)
NAD+SE+SUPPLIER VENDOR CODE::92++VENDOR NAME+ADDRESS LINE 1+TOWN OR CITY+SAP REGION
CODE+POST CODE+SAP COUNTRY CODE'
NAD+II+SUPPLIER VENDOR CODE::92++VENDOR NAME+ADDRESS LINE 1+TOWN OR CITY+SAP REGION CODE+POST
CODE+SAP COUNTRY CODE'
NAD+BT+++3M BILLING ENTITY+ADDRESS LINE 1:ADDRESS LINE 2+TOWN OR CITY++POST CODE+SAP COUNTRY
CODE'
CTA+PD+:3M CONTACT NAME FOR ORDER'
COM+TELEPHONE NUMBER:TE'
COM+EMAIL ADDRESS:EM'
CUX+2:CURRENCY:9'
PAT+PAYMENT TERM QUALIFIER+1+5:3:D:NUMBER OF DAYS'
PCD+12:PERCENTAGE VALUE:13'
TOD+6+TRANSPORT CHARGE CODE+INCOTERM TYPE (example FCA):106::TERMS OF DELIVERY/TRANSPORT'
LOC+9'
LIN+LINE ITEM NUMBER+3+3M ARTICLE NUMBER+BP'
PIA+5+VENDOR ARTICLE NUMBER:VP+++VENDOR ARTICLE NUMBER:IT'
IMD+F++++:ARTICLE DESCRIPTION:RS'
QTY+21:CHANGED NUMERIC ORDER QUANTITY:MEASURE UNIT QUALIFIER'
QTY+129:NUMERIC UNITS PER UNIT PRICE:MEASURE UNIT QUALIFIER'
DTM+2:DELIVERY DATE IN YYYYMMDD:102'
MOA+146:155.20::CURRENCY:10'
PRI+AAA:155.20::EUP::MEASURE UNIT QUALIFIER'
APR++PRICE MULTIPLYER IN NUMERIC VALUE:SEL'
TAX+7++++E'
UNS+S'
CNT+3+NUMBER OF LINE ITEMS IN MESSAGE(in this case 1)'
UNT+NUMBER OF SEGMENTS IN MESSAGE+1'
UNZ+1+INTERCHANGE NUMBER'

Notes

Segment headers in **bold** text
Element separator indicated with +
Composite element separator indicated with :
Segment terminator indicated with '

Where appropriate, certain segments have an expected value in the element, notably MOA and PRI segments to bring more meaning to the message example. Examples are also provided in certain elements to provide further context. Other codes or qualifiers listed are what we would expect to see in the message.

Country Specific Requirements

3M Germany

Managing Director text will be found at the header in the FTX segment.

EDIFACT Fields:

Segment: FTX

Element 4451: ZZZ

C108:4440: MD TEXT

C108:4440: ITZ- 41453 NEUSS, HANDELSREGISTER- HRB 1878 AMTSGERICHT NEUSS, VORSIT:ZENDER
DES AUFSICHTSRATES- KURT-HENNING WIETHOFF GESCHAFTSFUHRER- REZA: VAZIRI, DR. JOERG
DERICHS,MICHAEL PETERS, STEFAN SCHULZ, VORSITZEND:ER DER GESCHAFTSFUHRUNG- CHANGED

3M Italy

Italy extended address information will be found at the header in the FTX segment.

EDIFACT Fields:

Segment: FTX

Element 4451: ZZZ

C108:4440: 3M ITALIA SRL

C108:4440: CAPITALE SOCIALE € 9.150.000 I.V., CF E N. ISCR. R.I. DI MILANO 00100190610 P.IVA
12971700153, SOC. CON UNICO SOCIO SOGGETTA A DIR. E COORD. DI 3M COMPANY