

ORDRSP Purchase Order Response Message

Introduction:

A message from the seller to the buyer, responding to a purchase order message or a purchase order change request message.

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		
Not Used	0080		Segment Group 1: RFF-DTM	C		10	
Not Used	0090	RFF	Reference	M	1		
Not Used	0100	DTM	Date/Time/Period	C	5		
Not Used	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		
Not Used	0180		Segment Group 4: RFF-DTM	C		10	
Not Used	0190	RFF	Reference	M	1		
Not Used	0200	DTM	Date/Time/Period	C	5		
Not Used	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		
Not Used	0240		Segment Group 6: CTA-COM	C		5	
Not Used	0250	CTA	Contact Information	M	1		
Not Used	0260	COM	Communication Contact	C	5		
Not Used	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		
Not Used	0350		Segment Group 9: PAT-DTM-PCD-MOA	C		10	
Not Used	0360	PAT	Payment Terms Basis	M	1		
Not Used	0370	DTM	Date/Time/Period	C	5		

Not Used	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
Not Used	0450		Segment Group 12: TOD-LOC	C	5
Not Used	0460	TOD	Terms of Delivery or Transport	M	1
Not Used	0470	LOC	Place/Location Identification	C	2
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	99
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-M OA-GIN-GIR-QVR-DOC-PAI-FTX-SG27-SG 28-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		
Not Used	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
	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
	1380		Segment Group 33: RFF-DTM	C	1
Not Used	1390	RFF	Reference	M	1
Not Used	1400	DTM	Date/Time/Period	C	5
	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	99
	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
Not Used	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	99
Not Used	1550	NAD	Name and Address	M	1
Not Used	1560	LOC	Place/Location Identification	C	5
	1570		Segment Group 38: RFF-DTM	C	5
Not Used	1580	RFF	Reference	M	1
Not Used	1590	DTM	Date/Time/Period	C	5
	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
	1630		Segment Group 40: CTA-COM	C	5
Not Used	1640	CTA	Contact Information	M	1
Not Used	1650	COM	Communication Contact	C	5
	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
	1700		Segment Group 42: QTY-RNG	C	1
Not Used	1710	QTY	Quantity	M	1
Not Used	1720	RNG	Range Details	C	1
	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: PRI	C	25
M	1250	PRI	Price Details	M	1

Section Control:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
M	2150	UNS	Section Control	M	1		

Summary Section:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
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 response message is ORDRSP.
 Note: Purchase order response messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 ORDRSP 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. Refer to D.96A Data Element Dictionary for acceptable code values.	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).	M an..3
M		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. Refer to D.96A Data Element Dictionary for acceptable code values.	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
	0068		COMMON ACCESS REFERENCE Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C an..35
	S010		STATUS OF THE TRANSFER Statement that the message is one in a sequence of transfers relating to the same topic.	C
M		0070	Sequence message transfer number Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	M n..2
		0073	First/last sequence message transfer indication Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to D.96A Data Element Dictionary for acceptable code values.	C a1

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 response by means of its number and when necessary its function.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The first ORDRSP must be sent within 48 hours of receipt of the PO. The ORDRSP is required to be returned on all 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.	
		231 Purchase order response	
		Response to an purchase order already received.	
	1000	Document/message name	C an..35
		Plain language identifier specifying the function of a document/message.	
1004		DOCUMENT/MESSAGE NUMBER	C an..35
		Reference number assigned to the document/message by the issuer.	
		Required by 3M. Return the PO number from the ORDERS.	
1225		MESSAGE FUNCTION, CODED	C an..3
		Code indicating the function of the message.	
		4 Change	
		Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.	
		29 Accepted without amendment	
		Referenced message is entirely accepted.	
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.	

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 response date.
 Examples of the use of this DTM segment are: Lead times that apply to the whole of the Order response and, if no schedule is to be specified, the delivery date.
 The Date/time/period segment within other Segment groups should be used whenever the date/time/period needs 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	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.	
		137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	
		194	Start date/time Date/time on which a period starts.	
		206	End date/time Date/time on which a period (from - to) ends.	
		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:

Notes: Send only if sending vendor messages on the ORDRSP. Do not return messages sent on the ORDERS.

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 ABC Conditions of sale or purchase Additional information regarding terms and conditions which apply to the transaction. DEL Delivery information Information about delivery.	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: **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	

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 response. Identification of the seller and buyer parties is mandatory for the order response 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:

Notes: Required by 3M.

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. VN Vendor Party vending goods or services.	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. 3M vendor number from the "VN" NAD loop sent in the PO.	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
	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

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 response. Currency data maybe 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 in the order response, 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>
		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.	
	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: **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 ordered items. This Segment group may be repeated to give sub-line details.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
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	
	1110	FTX	Free Text	C	99	
	1240		Segment Group 30: Price Details	C		25
	1300		Segment Group 31: Reference	C		999
	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 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. Line item number from the PO.	C n..6
1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken.	C an..3
		2 Deleted This line item is deleted from the referenced message.	
		3 Changed This line item is changed in the referenced message.	
		5 Accepted without amendment This line item is entirely accepted by the seller.	
		7 Not accepted This line item is not accepted by the seller.	
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. 3M Buyer's Part Number (BP) must be returned if sent on PO.	

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 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. 1 Additional identification Information which specifies and qualifies product identifications.	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. 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.	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 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: 1010
Group: Segment Group 26 (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: 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 only.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Used to change delivery date or to confirm delivery date from PO.

Used to provide change delivery date or to confirm delivery date from PO. On blanket orders (BGM C002:1001 on original ORDERS = 221), use the order start date in DTM C507:2380.

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: **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
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 30: Price Details
Position: 1240
Group: Segment Group 26 (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	1250	PRI	Price Details	M	1	
	1270	APR	Additional Price Information	C	1	

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>
		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.	
	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>
	4043	CLASS OF TRADE, CODED Code identifying the class of trade. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
	C138	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. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3

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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
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 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. VN Order number (vendor) Reference number assigned by supplier to a buyer's purchase order.	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: **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 ordered items. This Segment group may be repeated to give sub-line details.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0970	LIN	Line Item	M	1	
	0980	IMD	Item Description	C	99	
	0981	QTY	Quantity	C	10	
	0982		Segment Group 27: Price Details	C		25

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 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. Line item number from the PO.	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 IDENTIFIATION 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.	C
	5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information. Used only if service line on an Indirect PO (BGM C002:1001 = "222") is sent on PO as a sub-line 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. Used only if service line on an Indirect PO (BGM C002:1001 = "222") is sent on PO as a sub-line Send same line item number used in the LIN 1082 of the PO line LIN loop.	C n..6

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 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 Code indicating the format of a description. Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
C273		ITEM DESCRIPTION Description of an item.	C
	7009	Item description identification Code from an industry code list which provides specific data about a product characteristic.	C an..17
	7008	Item description Plain language description of articles or products.	C an..35

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 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. Refer to D.96A Data Element Dictionary for acceptable code values.	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: **PRI** Segment Group 27: Price Details
Position: 0982
Group: Segment Group 26 (Sub-line for Indirect PO with Service Lines) Conditional
 (Optional)
Level: 3
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	1250	PRI	Price Details	M	1	

Segment: **PRI Price Details**
Position: 1250 (Trigger Segment)
Group: Segment Group 27 (Price Details) Conditional (Optional)
Level: 3
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>
		PRICE INFORMATION	C
		Identification of price type, price and related details.	
M	5125	Price Qualifier	M an..3
		Identification of a type of price.	
		Refer to D.96A Data Element Dictionary for acceptable code values.	
	5118	Price	C n..15
		The monetary value associated with a purchase or sale of an article, product or service.	
	5375	Price type, coded	C an..3
		Code identifying the type of price of an item.	
		Refer to D.96A Data Element Dictionary for acceptable code values.	
	5387	Price type qualifier	C an..3
		Code identifying pricing specification.	
		Refer to D.96A Data Element Dictionary for acceptable code values.	
	5284	Unit Price Basis	C n..9
		Basis on which the unit price/rate applies.	
	6411	Measure Unit Qualifier	C an..3
		Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	

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

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 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. 2 Number of line items in message	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: 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 Response (ORDRSP) example

UNB+UNOA:1+SUPPLIER MAILBOX NUMBER:14+3MGLOBALT:ZZ +DATE IN YYMMDD:TIME IN HHMM+INTERCHANGE NUMBER+ORDRSP'

UNH+1+ORDRSP:D:96A:UN'

BGM+231+PURCHASE ORDER NUMBER+NUMERIC MESSAGE FUNCTION CODE (example 4 for change, 29 for accepted without change) '

DTM+137:DOCUMENT DATE IN YYYYMMDD FORMAT:102'

NAD+VN+SUPPLIER VENDOR CODE::92'

CUX+2:CURRENCY (example EUR):9'

LIN+LINE ITEM NUMBER FROM 3M PURCHASE ORDER+1+3M ARTICLE NUMBER:BP'

IMD+F++:::ARTICLE DESCRIPTION'

QTY+21:NUMERIC ORDER QUANTITY:MEASURE UNIT QUALIFIER (example MTR) '

QTY+129:NUMERIC UNITS PER UNIT PRICE:MEASURE UNIT QUALIFIER (example MTR) '

DTM+2:DELIVERY DATE IN YYYYMMDD:102'

PRI+AAA:155.20::EUP:: MEASURE UNIT QUALIFIER (example MTR) '

APR++PRICE MULTIPLYER IN NUMERIC VALUE:SEL'

UNS+S'

UNT+NUMBER OF SEGMENTS IN MESSAGE'

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.