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TraceLink University

Purchase order acknowledgments (EDIFACT)

Purchase orders allow companies to exchange data about requests to purchase goods and services with upstream and downstream supply chain trade partners without giving these trade partners access to their serialization system of record. These purchase orders can be used to request specific products and quantities from their Partners and confirm that partners have the requested product and quantities on hand and intend to fulfill the request via a purchase order acknowledgment.

The PO Acknowledgment EDIFACT ORDRSP message sends a response to a PO from the seller to the buyer. In addition to confirming the receipt of a new order, the acknowledgment tells the buyer if the PO was accepted, if there are any required changes, or if it was rejected.



Contact your TraceLink Services representative for more information about integrating with this message.

- **Message Type:** MPC_PURCHASE_ORDER_ACK (Purchase Order Acknowledgment)
- **EDIFACT Format:** ORDRSP
- **Transform Names:**

- B2B EDI EDIFACT ORDRSP PurchaseOrderAcknowledgment_IB_V3
- B2B EDI EDIFACT ORDRSP PurchaseOrderAcknowledgment_OB_V4

Guidelines

Input Element	Occurs	Length	Description	Examples
UNB	1..1	-	UNB Interchange Header.	-
UNB01	1..1	13	Required. Decimal mark.	-
UNB02	1..1	13	Required. Release indicator.	-
UNB03	1..1	13	Required. Reserved for future.	-
UNB04	1..1	-	Required. UNB interchange header.	-
UNB05	1..1	-	Required. Syntax identifier.	-
UNB01.1	1..1	45	Valid values: • UN04 - Alternative graphic character allocations and national or application-oriented graphic character allocations. • UN05 - Alternative graphic character allocations and national or application-oriented graphic character allocations. • UN0C - Latin alphabet No. 1. • UN0D - Latin alphabet No. 2. • UN0E - Latin or Cyrillic alphabet. • UN0F - Latin or Greek alphabet. • UN0G - Latin alphabet No. 3. • UN0H - Latin alphabet No. 4. • UN0I - Latin or Arabic alphabet. • UN0J - Latin or Hebrew alphabet. • UN0K - Latin alphabet No. 5. • UN0L - Latin. • UN0M - UNOW • UN0N - Code extension technique as defined by ISO 2022 utilizing the escape techniques in accordance with ISO 2375. • UN0Y - ISO 10646-1 octet without code extension technique.	UN0B
UNB01.2	1..1	13	Required. Syntax version number.	1
UNB02.1	1..1	135	Required. Interchange sender.	SENDER1
UNB02.2	0..1	14	Further identification code qualifier. Valid values: • 1 - Dun's (Dun & Bradstreet) • 9 - DUNS number with 4-character suffix. • 14 - Global Location Number (GLN). A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. • 61 - Standard carrier alpha code • 91 - Assigned by seller or seller's agent • 92 - Assigned by buyer or buyer's agent • ZZ - Mutually defined by the application owner and partner	14
UNB02.3	0..1	124	Address for reverse routing.	-
UNB03	1..1	-	Required. Interchange recipient.	-
UNB03.1	1..1	135	Required. Interchange identification.	RECEIVER1
UNB03.2	0..1	14	Further identification code qualifier. Valid values: • 1 - Dun's (Dun & Bradstreet) • 9 - DUNS number with 4-character suffix. • 14 - Global Location Number (GLN). A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. • 61 - Standard carrier alpha code • 91 - Assigned by seller or seller's agent • 92 - Assigned by buyer or buyer's agent • ZZ - Mutually defined by the application owner and partner	14
UNB03.3	0..1	124	Interchange recipient internal identification.	-
UNB04	1..1	-	Required. Date and time of preparation.	-
UNB04.1	1..1	66	Required. Date of preparation.	02231020
UNB04.2	1..1	44	Required. Time of preparation.	142000
UNB05	1..1	124	Required. Interchange control reference.	13
UNB06	0..1	-	Required. Recipient's reference password.	-
UNB06.1	0..1	124	Recipient's reference or password.	XYZ
UNB06.2	0..1	20	Valid values: • BB - Password • AA - Reference	REFERENCE
UNB07	0..1	124	Application reference.	ORDRSP
UNB08	0..1	13	Processing priority code.	-
UNB09	0..1	13	Acknowledgment request.	1
UNB10	0..1	135	Communication agreement ID.	1
UNB11	0..1	13	Test indicator.	1
UNH	1..1	-	Header message header.	-
UNH01	1..1	124	Required. Message reference number.	000000101
UNH02	1..1	-	Required. Message identifier.	-
UNH02.1	1..1	18	Required. Message header identifier.	ORDRSP
UNH02.2	1..1	13	Required. Message type version number.	0
UNH02.3	1..1	10	Required. Message type release number.	06A
UNH02.4	1..1	12	Required. Controlling agency.	08
UNH02.5	0..1	16	Association assigned code.	-
UNH03	0..1	135	Common access reference.	-
UNH04	0..1	-	Required. Status of the Transfer.	-
UNH04.1	1..1	88	Required. Sequence message transfer number.	-
UNH04.2	0..1	12	First or last sequence message transfer indication.	-
UNH05	1..1	-	Required. Beginning of message.	-
BGM	0..1	-	Document or message name.	-
BGM01	0..1	-	Document or message name, coded. Valid values: • 271 - Blanket order (quantity firm). • 943 - Catalog order. • 227 - Consignment order. • 233 - Lease. • 228 - New order. • 185 - Purchase order. • 225 - Repair and return. • 228 - Sample order.	270
BGM01.1	0..1	13	Code list qualifier.	-
BGM01.2	0..1	15	Code list responsible agency, coded.	-
BGM01.3	0..1	135	Document or message name.	-
BGM01.4	0..1	-	Required. Document identification.	-
BGM02	0..1	170	Document identifier.	0738563
BGM02.1	0..1	170	Message function, coded. Valid values: • 9 - Original document, create in target. • 1 - Cancel order. • 4 - Change order.	9
BGM03	0..1	13	Response type, coded. Date.	-
BGM04	0..1	13	Date.	-
DTM	0..1	-	Required. Date, or time or period.	-
DTM01	0..1	-	Required. Date, or time or period qualifier. Valid values: • 2 - Delivery requested date • 4 - Purchase order date • 6 - Purchase order received date • 18 - Shipped date • 46 - Cancel by • 69 - Estimated delivery date • 137 - Document date • 153 - Cancellation date or time, latest • 138 - Requested shipment date	137
DTM01.1	1..1	88	Date or time or period format qualifier. Valid value is 102 = YYYYMMDD format.	02230304
DTM01.2	0..1	48	Date.	102
DTM01.3	0..10	-	Reference.	-
REF	0..1	-	Required. Reference.	-
REF01	1..1	-	Required. Reference qualifier. Valid values: • CT - Contract number • BC - Customer (Buyer's) contract number • ME - Message or document number • ON - Customer purchase order • RC - Release document number • VC - Supplier contract number • 18 - Supplier sales order	16
REF01.1	1..1	13	Reference number.	0738562
REF01.2	0..1	135	Line number.	-
REF01.3	0..1	135	Reference version number.	-
REF01.4	0..1	-	NAD: Name segment loop for: • Buyer party • Ship to party • Supplier party • Bill to party • Carrier party	-
NAD	0..99	-	Required. Entity identifier code for party identifier and address information for party. Valid values: • BY - Buyer party • ST - Ship to party • SF - Ship from party • SL - Supplier • BT - Bill to party • CA - Carrier party	ST
NAD01	1..1	13	Party identification details.	-
NAD01.1	0..1	135	Required. Party ID identification.	073810618038
NAD01.2	0..1	13	Code list qualifier.	-
NAD01.3	0..1	13	Code list responsible agency, coded. Valid values: • 18 - DUNS number, Dun and Bradstreet • 91 - Assigned by seller or company identifier • 92 - Assigned by buyer or company site identifier • 164 - Drug Enforcement Agency registration number	16
NAD02	0..1	-	Required. Name and address.	-
NAD02.1	1..1	135	Required. Name and address line.	-
NAD02.2	0..1	135	Name and address line.	-
NAD02.3	0..1	135	Party name.	-
NAD03	0..1	135	Required. Party name.	-
NAD03.1	1..1	135	Party name.	-
NAD03.2	0..1	135	Party name.	-
NAD03.3	0..1	135	Party name.	-
NAD04	0..1	135	Required. Street and number or postal code.	-
NAD04.1	1..1	135	Street and number or postal code.	-
NAD04.2	0..1	135	Street and number or postal code.	-
NAD05	0..1	135	City name.	-
NAD06	0..1	135	Country sub-division details.	-
NAD06.1	0..1	135	Country sub-division identification.	-
NAD07	0..1	135	Country sub-division identification.	-
NAD08	0..1	135	Postcode identification.	86000

Input Element	Occurs	Length	Description	Examples
NAD09	0..1	1/3	Country code Valid Values * AF - Afghanistan * AX - Åland Islands * AL - Albania * DZ - Algeria * AQ - American Samoa * AD - Andorra * AO - Angola * AI - Anguilla * AN - Antigua and Barbuda * AN - Antigua * AM - Armenia * AW - Aruba * AU - Australia * AT - Austria * AZ - Azerbaijan * BS - Bahamas * BH - Bahrain * BD - Bangladesh * BB - Barbados * BE - Belgium * BZ - Belize * BJ - Benin * BM - Bermuda * BT - Bhutan * BO - Bolivia, Plurinational State of Bolivia * BA - Bosnia and Herzegovina * BW - Botswana * BV - Bouvet Island * BR - Brazil * IO - British Indian Ocean Territory * BN - Brunei Darussalam * BG - Bulgaria * BF - Burkina Faso * BI - Burundi * KH - Cambodia * CM - Cameroon * CA - Canada * KY - Cayman Islands * CF - Central African Republic * TD - Chad * CL - Chile * CN - China * CX - Christmas Island * CC - Cocos (Keeling) Islands * CO - Colombia * KM - Comoros * CG - Congo * CD - Congo, The Democratic Republic of the Congo * CG - Cook Islands * CR - Costa Rica * CI - Côte D'Ivoire * HR - Croatia * CU - Cuba * CY - Cyprus * CZ - Czech Republic * DK - Denmark * DJ - Djibouti * DM - Dominica * DO - Dominican Republic * EC - Ecuador * EG - Egypt * SV - El Salvador * EQ - Equatorial Guinea * ER - Eritrea * EE - Estonia * ET - Ethiopia * FC - Falkland Islands (Malvinas) * FO - Faroe Islands * FJ - Fiji * FI - Finland * GF - French Guiana * PF - French Polynesia * TF - French Southern Territories * GA - Gabon * GM - Gambia * GE - Georgia * DE - Germany * GH - Ghana * GI - Gibraltar * GR - Greece * GL - Greenland * GD - Grenada * GP - Guadeloupe * GU - Guam * GT - Guatemala * GQ - Guinea-Bissau * GN - Guinea * GW - Guinea-Bissau * GY - Guyana * HT - Haiti * HM - Heard Island and McDonald Islands * VA - Holy See (Vatican City State) * HN - Honduras * HK - Hong Kong * HO - Hungary * IS - Iceland * IN - India * ID - Indonesia * IR - Iran, Islamic Republic of Iran * IQ - Iraq * IE - Ireland * IM - Isle of Man * IL - Israel * IT - Italy * JM - Jamaica * JP - Japan * JE - Jersey * JO - Jordan * KZ - Kazakhstan * KE - Kenya * KI - Kiribati * KP - Korea, Democratic People's Republic of Korea * KR - Korea, Republic of Korea * KW - Kuwait * KG - Kyrgyzstan * LA - Lao People's Democratic Republic * LV - Latvia * LB - Lebanon * LS - Lesotho * LI - Liechtenstein * LY - Libyan Arab Jamahiriya * LI - Lithuania * LU - Luxembourg * MO - Macao * MK - Macedonia, The Former Yugoslav Republic of Macedonia * MG - Madagascar * MW - Malawi * MY - Malaysia * ML - Mali * MT - Malta * MH - Marshall Islands * MQ - Martinique * MR - Mauritania * MU - Mauritius * YT - Mayotte * MX - Mexico * FM - Micronesia, Federated States of Micronesia * MD - Moldova, Republic of Moldova * MC - Monaco * MN - Mongolia * ME - Montenegro * MA - Morocco * MZ - Mozambique * MM - Myanmar * NR - Nauru * NP - Nepal * NL - Netherlands * AN - Netherlands Antilles * NC - New Caledonia * NZ - New Zealand * NI - Nicaragua * NE - Niger * NG - Nigeria * NU - Niue * NF - Norfolk Island * NP - Northern Mariana Islands * NO - Norway * OM - Oman * PK - Pakistan * PA - Panama * PS - Palestinian Territory, Occupied * PG - Papua New Guinea * PE - Peru * PH - Philippines * PN - Pitcairn * PL - Poland * PT - Portugal * PR - Puerto Rico * QA - Qatar * RE - Reunion * RO - Romania * RW - Rwanda * BL - Saint Barthélemy * SH - Saint Helena, Ascension and Tristan da Cunha * KN - Saint Kitts and Nevis * LC - Saint Lucia * MF - Saint Martin * PM - Saint Pierre and Miquelon * MS - Saint Vincent and the Grenadines * SM - San Marino * ST - São Tomé and Príncipe * SA - Saudi Arabia * SN - Senegal * SC - Seychelles * SL - Sierra Leone * SG - Singapore * SK - Slovakia * SI - Slovenia * SB - Solomon Islands * SO - Somalia * ZA - South Africa * GS - South Georgia and the South Sandwich Islands * ES - Spain * LK - Sri Lanka * SD - Sudan * SR - Suriname * SJ - Svalbard and Jan Mayen * SZ - Swaziland * SE - Sweden * CH - Switzerland * SY - Syrian Arab Republic * TM - Taiwan, Province of China * TJ - Tajikistan * TZ - Tanzania, United Republic of Tanzania * TH - Thailand * TL - Timor-Leste * TG - Togo * TK - Tokelau * TO - Tonga * TT - Trinidad and Tobago * TN - Tunisia * TR - Turkey * TM - Turkmenistan * TC - Turks and Caicos Islands * TV - Tuvalu * UG - Uganda * UA - Ukraine * AE - United Arab Emirates * GB - United Kingdom * US - United States * UM - United States Minor Outlying Islands * UY - Uruguay * UZ - Uzbekistan * VE - Venezuela * VE - Venezuela, Bolivarian Republic of Venezuela * VN - Vietnam * VI - Virgin Islands, British * VG - Virgin Islands, U.S. * WF - Wallis and Futuna * EH - Western Sahara * YE - Yemen * ZM - Zambia * ZW - Zimbabwe	

Input Element	Occurs	Length	Description	Examples
CTA	0..3	-	CTA: Contact information	
CTA01	1..1	1/3	Required: Contact function, coded. Valid values: • 01 - Purchaser contact • 02 - Supplier contact	PD
CTA02	0..1	-	Department or employee details.	
CTA02.1	0..1	1/17	Department or employee identification.	
COM	0..3	-	Communication or telephone	
COM01	1..1	1/3	Required: Communication contact. Valid values: • 00 - Communication contact	John Smith
COM01.1	0..1	1/17	Required: Communication information. Communication number.	05812345678
COM01.2	0..1	1/35	Communication channel qualifier.	EN and TE
CUR	0..3	-	Currencies.	
CUR01	0..1	-	Currency details.	
CUR01.1	1..1	1/3	Required: Currency details qualifier. Valid values: • 1 - Charge payment currency • 2 - Reference currency • 3 - Target currency • 4 - Transport document currency • 5 - Calculation base currency • 6 - Information currency • 7 - Currency of the account Currency, coded. Valid values: • AED - United Arab Emirates Dirham • AFN - Afghan • ALL - Lek • AMD - Armenian Dram • ANG - Netherlands Antillean Guilder • AOA - Kwanza • ARS - Argentine Peso • AUD - Australian Dollar • AVE - Aves • AZN - Azerbaijanian Manat • BAM - Convertible Mark • BBD - Barbados Dollar • BDT - Bangladeshi Taka • BGN - Bulgarian Lev • BHD - Bahraini Dinar • BIF - Burundi Franc • BMD - Bermudian Dollar • BND - Brunei Dollar • BRL - Brazilian Real • BSD - Bahamian Dollar • BTN - Bhutan Ngultrum • BWP - Botswana Pula • BYN - Belarusian Ruble • BZD - Belize Dollar • CAD - Canadian Dollar • CHF - Swiss Franc • CLP - Chilean Peso • CNH - Chinese Renminbi Yuan • COP - Colombian Peso • CRC - Costa Rican Colon • CUC - Cuban Convertible • CUP - Cuban Peso • CVE - Cape Verde Escudo • CYP - Cypriot Pound • CZK - Czech Koruna • DJF - Djibouti Franc • DKK - Danish Krone • DOP - Dominican Peso • DZD - Algerian Dinar • EGP - Egyptian Pound • ERN - Eritrean Birr • ETB - Ethiopian Birr • EUR - Euro (currency as of 01/01/1999) • FJD - Fiji Dollar • GBP - British Pound • GEL - Georgian Lari • GHS - Ghana Cedi • GIP - Gibraltar Pound • GMD - Gambian Dalasi • GNF - Guinean Franc • GTQ - Guatemalan Quetzal • GYD - Guyanese Dollar • HKD - Hong Kong Dollar • HNL - Honduran Lempira • HRK - Croatian Kuna • HTG - Gourde • HUF - Forint • IDR - Indonesian Rupiah • ILS - Israeli Sheqel • INR - Indian Rupee • IQD - Iraqi Dinar • ISK - Icelandic Krona • JMD - Jamaican Dollar • JOD - Jordanian Dinar • JPY - Japanese Yen • KES - Kenyan Shilling • KGS - Kyrgyzstan Som • KHR - Cambodian Riel • KMF - Comoros Franc • KPW - North Korean Won • KRW - South Korean Won • KWD - Kuwaiti Dinar • KYD - Cayman Dollar • KZT - Kazakhstani Tenge • LAK - Laotian Kip • LBP - Lebanese Pound • LKR - Sri Lankan Rupee • LGL - Liberian Dollar • LLS - Loti • LYD - Libyan Dinar • MAD - Moroccan Dirham • MDL - Moldovan Leu • MGA - Malagasy Ariary • MKD - Denar • MNT - Mongolian Kyat • MOP - Macanese Pataca • MUR - Mauritanian Ouguiya • MVR - Maldivian Rufiyaa • MXN - Mexican Peso • MYR - Malaysian Ringgit • MZN - Mozambique Metical • NAD - Namibian Dollar • NGA - Nigerian Naira • NIO - Nicaraguan Cordoba Oro • NOK - Norwegian Krone • NPR - Nepalese Rupee • NZD - New Zealand Dollars • OMR - Omani Rial • PAB - Panamanian Balboa • PEN - Peruvian New Sol • PKR - Papua New Guinea Kina • PHP - Philippine Peso • PKR - Pakistani Rupee • PLN - Polish Zloty (new) • PYG - Paraguayan Guarani • QAR - Qatar Riyal • RON - Romanian Lei - 2005 • RSD - Serbian Dinar • RUB - Russian Ruble (old) • RWF - Rwandan Franc • SAR - Saudi Riyal • SBD - Solomon Islands Dollar • SCR - Seychelles Rupee • SGD - Singapore Dollar • SEK - Swedish Krona • SGP - St Helena Pound • SLL - Leone • SOS - Somali Shilling • SRN - Surinam Guilder • SSP - South Sudanese Pound • STD - Sao Tome / Principe Dobra • SVC - El Salvador Colon • SYF - Syrian Pound • SZL - Swaziland Lilangeni • THB - Thailand Baht • TJS - Tajikistan Somoni • TMT - Turkmenistan New Manat • TND - Tunisian Dinar • TOP - Tongan Pa'anga • TRY - Turkish Lira • TTJ - Trinidad and Tobago Dollar • TWD - New Taiwan Dollar • TZS - Tanzanian Shilling • UAH - Ukrainian Hryvnia • UGX - Ugandan Shilling • USD - American Dollar • UYU - Uruguayan Peso (new) • UZS - Uzbekistan Sum • VEF - Venezuelan Bolivar • VND - Vietnamese Dong • VUV - Vanuatu Vatu • WST - Samoan Tala • XAF - CFA Franc • XCD - East Caribbean Dollar • XOF - CFA Franc • XPF - CFP Franc • XSD - South African Rand • ZMW - Zambian Kwacha • ZWL - Zimbabwean Dollar	
CUR02	0..1	-	Currency details.	
CUR02.1	1..1	1/3	Required: Currency details qualifier.	
CUR02.2	0..1	1/3	Currency, coded.	
CUR03	0..1	0*	Rate of exchange.	
ALC	0..15	-	Allowance or charge	
ALC01	1..1	1/3	Required: Allowance or charge qualifier. Valid values: • 1 - Adjustments to credits or charges. Administrative credits or charges. Advances on credits or charges. • 2 - Advance on allowance. Advance fee. Air transport charge. Assembly credit or charge. Base charge. • 3 - Bill of lading charge. Cancellation charge. Carrier charge (Freight Charge). Carrier credit allowance. Carrier debit allowance. Cartage credit or charge. Delivery credit or charge. Delivery surcharge. Deposit. Destination charge. • 4 - Discount. Distribution service. Distributor discount/allowance. Diversion charge. Documentation charge. Excess weight charge. Finance charge. Flat rate. • 5 - Adjustment for maximum charge billing. Absolute minimum charge. Unloadable minimum charge allowance.	
ALC02	0..1	1/35	Allowance or charge information.	
ALC02.1	0..1	1/35	Allowance or charge number.	017.00
ALC02.2	0..1	1/3	Change or allowance description, coded.	
ALC03	0..100000	1/3	Settlement, coded.	
LN	0..1	0*	Line item.	
LN01	0..1	0*	Line item number.	15
LN02	0..1	1/3	Action request or notification, coded.	
LN03	0..1	-	Item number identification.	
LN03.1	0..1	1/35	Item number.	8112100000010
LN03.2	0..1	1/3	Item number type, coded. Valid values: • IN - Customer's/Buyer's product item number • BP - Buyer's product identifier • MF - Manufacturer's product identifier • VN - Vendor's catalog number • VP - Vendor, supplier's part number • UP - Universal product number (UPC)	IN
LN03.3	0..1	1/3	Code list qualifier.	
PIA	0..15	-	Additional Product ID	
PIA01	1..1	1/3	Required: Product ID function qualifier.	
PIA02	1..1	1/35	Item number identification.	
PIA02.1	0..1	1/35	Item number.	0880
PIA02.2	0..1	1/3	Item number type, coded. Valid values: • IN - Customer's/Buyer's product item number • BP - Buyer's product identifier • MF - Manufacturer's product identifier • VN - Vendor's catalog number • VP - Vendor, supplier's part number • UP - Universal product number (UPC)	IN
PIA02.3	0..1	1/3	Code list qualifier.	
MD	0..39	-	Item description	
MD01	0..1	1/3	Item description type, coded.	
MD02	0..1	1/3	Item character set, coded.	
MD03	0..1	1/3	Item description.	
MD03.1	0..1	1/17	Item description identification.	
MD03.2	0..1	1/3	Code list qualifier.	
MD03.3	0..1	1/3	Code list responsible agency, coded.	

Input Element	Occurs	Length	Description	Examples
MOO3.4	0..1	1/3	Item description	
MOO3.5	0..1	1/3	Item description	Product description 1
QTY	0..10	-	Quantity	1
DTY01	1..1	-	Required: Quantity details.	
DTY01.1	1..1	1/3	Required: Quantity qualifier. Valid values: • 66 - Committed • 24 - Damaged • 113 - Delivered • 131 - Delivery Gross, Hold • 57 - Intransit • 47 - Invoiced • 21 - Item • 568 - Minimum/Maximum Order • 53 - Minimum/Order • 17 - Onhand • 73 - Outstanding Over • 52 - Packaged • 48 - Received • 95 - Rejected • 64 - Scrap • 119 - Shipped	21
DTY01.2	1..1	1/3	Required: Quantity	6
DTY01.3	0..1	1/3	Measure Unit qualifier	EA
DTM	0..25	-	Date	
DTM01	1..1	-	Required: Date or time or period	
DTM01.1	1..1	8/8	Required: Date or time or period qualifier. Valid values: • 2 - Delivery requested date. • 4 - Order date or time. • 8 - Order received date. • 18 - Shipped date. • 46 - Cancel by date. • 69 - Estimated delivery date. • 137 - Document date. • 153 - Cancellation date or time, latest. • 318 - Shipment requested date.	2
DTM01.2	0..1	4/8	Date	
DTM01.3	0..1	4/8	Date or time or period format qualifier. Valid value is 102 - YYYYMMDD format.	102
MOA	0..10	-	Monetary Amount	
MOA01	1..1	-	Required: Monetary amount	
MOA01.1	1..1	1/3	Required: Monetary amount type qualifier	
MOA01.2	0..1	1/18	Monetary amount	
MOA01.3	0..1	1/3	Currency coded	
MOA01.4	0..1	1/3	Monetary amount	
MOA01.5	0..1	1/3	Commonly coded	
MOA01.5	0..25	1/3	Price loop price details	
PR1	1..1	-	Required: Price information	
PR101.1	1..1	1/3	Required: Price qualifier. Valid values: • AAD - Average • AAF - Extended • AAB - Gross • IMF - Information • IWI - Invoice • AAA - Net	AAA
PR101.2	0..1	1/3	Price	
PR101.3	0..1	1/3	Price type, coded	11784
PR101.4	0..1	1/3	Price type, qualifier	
PR101.5	0..1	1/3	Unit price basis	
PR101.6	0..1	1/3	Sub-line price change, coded	
ALC	0..15	-	Allowance or charge	
ALC01	1..1	1/3	Required: Allowance or charge qualifier. Valid values: • 1 - Adjustments to credits or charges, Administrative credits or charges, Advances on credits or charges. • 2 - Advance on allowance, Advance fee, Air transport charge, Assembly credit or charge, Base charge. • C - Bill of lading charge, Calculation charge, Carrier charge (Freight Charge), Carrier credit allowance, Carrier debit allowance, Cartage credit or charge, Delivery credit or charge, Delivery surcharge, Deposit, Destination charge. • D - Discount, Distribution service, Distributor discount/allowance, Diversion charge, Documentation charge, Excess weight charge, Finance charge, Flat rate. • 0 - Adjustment for maximum charge billing, Absolute minimum charge, Unavailable minimum charge allowance.	
ALC02	0..1	-	Allowance or charge information	
ALC02.1	0..1	1/3	Allowance or charge number	
ALC02.2	0..1	1/3	Charge or allowance description, coded	24700
ALC02.3	0..1	1/3	Settlement, coded	
UNC	1..2	-	Required: Section control	
UN01	1..1	-	Required: Section identification. Valid values: • 1 - Header or detail section separation. • 2 - Detail or summary section separation.	5
UNT	1..1	-	Required: UNT Message Transaction (UNT transaction)	
UNT01	1..1	1/4	Required: Number of segments in a message, starting with UNH and ending with UNT.	45
UNZ	1..1	1/4	Required: Message reference number	1
UNZ01	1..1	1/3	Required: UNZ - Interchange control trailer envelope. Only one interchange expected per transmission.	1
UNZ01	1..1	1/3	Interchange control count	1
UNZ02	1..1	1/4	Interchange control reference	9

Example

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UNA:+. ? '
UNB+UNOB:3+ss007PL:14:s01+7777776067344:14:s02+120709:1612+123+s03:AA+
ORDERSP+1+1+1+1'
UNH+1+ORDERS:D:96A:UN:s05+s06+1:C'
  BGM+105:s07:1:s08+PURCHASEORDER 333::+9+AP'
  DTM+137:20120708:102'
  RFF+RE:RELEASE 333:s09:s10'
  NAD+ST+0004000050:s11:92+s12:s13+SHIP TO PARTY
(WE/SH):s14:s15+Central 101:Local, WST-190. E:s16+Stein+GL+43-32+CH'
  NAD+BY+0001000285:s11:91+s12:s13+SOLD TO PARTY
(AG/SP):s14:s15+7956 VICTORY:Suite
2:s16+BASEL+GL+4002+AF'CTA+PD+:Buyer-BUY'
  COM+785-254-0000:TE'COM+Buyer-BY@xyz.com:EM'
  NAD+SU+0001000286:s11:164+s12:s13+SUPPLIER/VENDOR
(LF/SU):s14:s15+Stella Maris:Condado Ave 14:s16+San Juan+PR+00 902+US'
  CTA+SU+:Supplier Contact'
  COM+789-1234-4567:TE'COM+abc@defg.com:EM'
  NAD+BT+452238577410:s11:16+s12:s13+Run Time Pharma:s14:s15+112
Main St:d17:s16+Dunnellen+NJ+33563+ZW'
  NAD+SF+0123456926034:s11:91+s12:s13+Pharma Wholesale
Supplier:s14:s15+2522 Bellisarios Drive:Main Floor:s16+South
Miami+FL+33A563+VC'
  NAD+CA+00045455656:s11:92+s12:s13+CARRIER PARTY (SP):s14:s15+Stree
1:Suite123:s16+City+TK+3454676+JP'
  CUX+2:AED:9+1:s17+1.25'
  ALC+X+500:8+ZZZ'
  LIN+10+10+VN-vend-4000000325:VN:s18'

```

PIA+11+IN-CUST3000000333:IN:s19'IMD+A++:::item description:s20'
QTY+124:200.1:PC'DTM+46:20181017:102'
MOA+203:117.84'
PRI+AAA:3.3:AA:AAA:1:S22'
ALC+C+5.2'
UNS+S'
UNT+28+1'
UNZ+1+123'



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