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## Inventory balances (EDIFACT)

**Inventory balances** allow suppliers to communicate with their remote or third-party warehouses about their available and upcoming inventory levels. Inventory balances contain several types of inventory information such as physical product location within a warehouse, product category, and total available inventory. Communicating inventory levels ensures suppliers can keep the required amount of inventory stocked at their locations and enables them to perform other key activities like properly preparing to fulfill large orders. Inventory balances are usually sent at regular intervals or because the buyer requests inventory information.

Suppliers use inventory balances to communicate about available and upcoming inventory levels with their remote or third-party warehouses, or buyers.



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

- **Message Type:** MPC\_INVENTORY\_BALANCE (Inventory Balance)
- **EDIFACT Format:** EDIFACT INVRPT
- **Transform Names:**
  - B2B\_EDI\_EDIFACT\_INVRPT\_InventoryBalance\_IB\_V1

◦ B2B EDI EDIFACT INVRPT InventoryBalance OB\_V1

**Guidelines**

Input Element	Occurs	Length	Description	Example
INVRPT	1..1		<b>Required.</b> EDIFACT orders	
UNA	0..1	31	<b>Required.</b> UNB Interchange Header	
UNAS	1..1	31	<b>Required.</b> Control marks	
UNAD	1..1	31	<b>Required.</b> Release indicator	
UNAF	1..1	31	<b>Required.</b> Reserved for future	
UNB	1..1		<b>Required.</b> UNB Interchange header	
UNB01	1..1		<b>Required.</b> Syntax identifier	
UNB01.1	1..1	414	<b>Required.</b> Syntax identifier <b>Valid Values</b> • UNB0 - Alternative graphic character allocations and national or application-oriented graphic character allocations. • UNB0 - Alternative graphic character allocations and national or application-oriented graphic character allocations. • UNB0 - Latin alphabet No. 1 • UNB0 - Latin alphabet No. 2 • UNB0 - Latin or Cyrillic alphabet • UNB0 - Latin or Greek alphabet • UNB0 - Latin alphabet No. 3 • UNB0 - Latin alphabet No. 4 • UNB0 - Latin or Arabic alphabet • UNB0 - Latin or Hebrew alphabet • UNB0 - Latin alphabet No. 5 • UNB0 - UNICE Level 1 • UNB0 - UNICE Level 2 • UNB0 - Code extension technique as defined by ISO 2022 utilizing the escape techniques in accordance with ISO 2375. • UNB0 - ISO 10646-1 code without code extension technique.	UNB0
UNB01.2	1..1	31	<b>Required.</b> Syntax version number	1
UNB02	1..1		<b>Required.</b> Interchange code	
UNB02.1	1..1	1135	<b>Required.</b> Sender identification <b>Partner identification code qualifier</b> <b>Valid Values</b> • 1 - Dun & Bradstreet. Partner identification code assigned by Dun & Bradstreet. • 4 - IATA (International Air Transport Association) partner identification code assigned by the International Air Transport Association. • INSEE (Institut National de la Statistique et des Etudes Economiques) - SIRET (French national statistics institute, SIRET means Systeme Informatique du Repertoire des entreprises et de leurs Etablissements). • 8 - UIC (International Uniform Code Council Communications Identifier) a ten digit code used to uniquely identify physical and logical locations. • 9 - Data (Data Universal Numbering System) partner identifier with 4 digit suffix assigned by Dun & Bradstreet. • 12 - Telephone number where a partner identification code corresponds to the partner telephone number. • 14 - GSI. Partner identification code assigned by GSI, an international organization of GSI Member Organizations that manages the GSI System. • 18 - AIG (Automotive Industry Action Group) partner identifier code assigned by the Automotive Industry Action Group. • 22 - INSEE (Institut National de la Statistique et des Etudes Economiques) - SIREN (Système Informatique du Repertoire des Entreprises et de leurs établissements). French national statistics institute. • 31 - OH (Ochresche Institut fuer Normung). German standardization institute. • 38 - ISO 6523 - Organization identification. Partner identification code specified in ISO 6523 for the identification of organizations. • 39 - BA (Bundesversicherungsanstalt fuer Angestellte). German social security association. • 41 - National Statistical Agency. Partner identification code assigned by a national statistical agency. • 51 - GEF (General Electric Information Services). Partner identification code assigned by General Electric Information Services. • 52 - IBM (IBM Network Services). Partner identification code assigned by IBM Network Services. • 54 - Datenzentrale des Einzelhandels. German data center for retail trade. • 55 - Bundesverband der Deutschen Bauhaendler. German building material trade association. • 57 - Bank identifier code. • 57 - Other (Korea Trade Network Services) partner identification code. • 58 - UPU (Universal Postal Union) partner identification code. • 59 - CSETTE (Organization for Data Exchange Through Tele Transmission in Europe). European automotive industry project. • 61 - SCAC (Standard Carrier Alpha Code). Directory of standard multimodal carriers and tariff agent codes. The SCAC lists and codes transportation companies. • 62 - CA (Electronic Commerce Australia). Australian association for electronic commerce. • 65 - TELECOM 400 (Deutsche Telekom). German telecommunications service. • 65 - NHS (National Health Service). United Kingdom National Health Service. • 68 - STAB (Staten Teleforvaltning, Norwegian telecommunications regulatory authority (NTR)). • 84 - Athens Chamber of Commerce, Greek Chamber of Commerce. • 85 - Swiss Chamber of Commerce. • 85 - United States Council for International Business. • 87 - National Federation of Chambers of Commerce and Industry, Belgium National Federation of Chambers of Commerce and Industry. • 89 - Association of British Chambers of Commerce. • 90 - SETA (Societe Internationale de Telecommunications Aeronautiques). • 91 - Partner identifier assigned by seller or buyer's agent. • 92 - Partner identifier assigned by buyer or buyer's agent. • 103 - TW Trade as an EDI VAN service center for customs, transport, and insurance in national and international trade. • 128 - CH BWS (Swiss Clearing Bank Number) identifier for a Swiss clearing bank as a sender and/or receiver of an electronic message. • 129 - CH BWS (Swiss Business Partner Identifier) identifier code for a corporate or Swiss non-clearing bank as a sender and/or receiver of an electronic message. • 144 - US DODAC (Department of Defense Activity Address Code). Code assigned to uniquely identify all military units in the United States Department of Defense. • 145 - FR DCCP (Direction Generale de la Comptabilite Publique). Code assigned by the French public accounting office. • 146 - IP (IP/IC/CCP (Japan Information Processing Development Corporation) / Electronic Commerce Promotion Center) party identification code. • 147 - IP (IP/IC/CCP (Japan Information Processing Development Corporation) / Electronic Commerce Promotion Center) party identification code. • 148 - ITI (International Telecommunication Union) Data Network Identification Code (DMC). • 500 - OE BSW (Bundesverband der Energie- und Wasserwirtschaft v.V.). The Federal Association of Energy and Water (BDEW) is the trade association of the German natural gas, electricity supply, long-distance heating and water supply industries. • 501 - EAEE (European Association for the Streamlining of Energy Exchanges). Partner identification code registered with EAEE gas. • 502 - OE DZGW (Deutsche Vereinigung des Gas- und Wasserfaches v.V.) the German Technical and Scientific Association for Gas and Water. • 503 - Registration number of a vehicle assigned by a recognised authority. • 722 - Mutually defined between trading partners.	RENCH1
UNB02.2	0..1	314	<b>Required.</b> Receiver identification <b>Partner identification code qualifier</b> <b>Valid Values</b> • 1 - Dun & Bradstreet. Partner identification code assigned by Dun & Bradstreet. • 4 - IATA (International Air Transport Association) partner identification code assigned by the International Air Transport Association. • INSEE (Institut National de la Statistique et des Etudes Economiques) - SIRET (French national statistics institute, SIRET means Systeme Informatique du Repertoire des entreprises et de leurs Etablissements). • 8 - UIC (International Uniform Code Council Communications Identifier) a ten digit code used to uniquely identify physical and logical locations. • 9 - Data (Data Universal Numbering System) partner identifier with 4 digit suffix assigned by Dun & Bradstreet. • 12 - Telephone number where a partner identification code corresponds to the partner telephone number. • 14 - GSI. 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UNB03	1..1	314	<b>Required.</b> Interchange receipt <b>Partner identification code qualifier</b> <b>Valid Values</b> • 1 - Dun & Bradstreet. Partner identification code assigned by Dun & Bradstreet. • 4 - IATA (International Air Transport Association) partner identification code assigned by the International Air Transport Association. • INSEE (Institut National de la Statistique et des Etudes Economiques) - SIRET (French national statistics institute, SIRET means Systeme Informatique du Repertoire des entreprises et de leurs Etablissements). • 8 - UIC (International Uniform Code Council Communications Identifier) a ten digit code used to uniquely identify physical and logical locations. • 9 - Data (Data Universal Numbering System) partner identifier with 4 digit suffix assigned by Dun & Bradstreet. • 12 - Telephone number where a partner identification code corresponds to the partner telephone number. • 14 - GSI. 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UNB03.1	1..1	314	<b>Required.</b> Date and time of preparation	231020
UNB03.2	1..1	44	<b>Required.</b> Time of preparation	1430
UNB04	1..1	314	<b>Required.</b> Interchange control reference	131
UNB05	1..1	314	<b>Required.</b> Recipient's reference or password	00000101
UNB06	1..1	314	<b>Required.</b> Recipient's reference or password	00000101
UNB06.1	0..1	212	<b>Valid values:</b> • BS - Password • BA - Reference	REFERENCE
UNB07	0..1	314	<b>Required.</b> Application reference	INVRPT
UNB08	0..1	311	<b>Required.</b> Processing priority code	1
UNB09	0..1	311	<b>Required.</b> Acknowledgment request	1
UNB10	0..1	315	<b>Required.</b> Communication agreement ID	1
UNB11	0..1	311	<b>Required.</b> User indicator	1
UNB12	0..1	314	<b>Required.</b> User Message Header	00000101
UNB13	0..1	314	<b>Required.</b> Message reference number	00000101
UNB14	0..1	314	<b>Required.</b> Message identifier	INVRPT
UNB15	0..1	314	<b>Required.</b> Message type identifier	0
UNB16	0..1	313	<b>Required.</b> Message type version number	0
UNB17	0..1	313	<b>Required.</b> Message type release number	101
UNB18	0..1	313	<b>Required.</b> Controlling agency	UN
UNB19	0..1	316	<b>Required.</b> Association assigned code	
UNB20	0..1	313	<b>Required.</b> Common access reference	
UNB21	0..1	313	<b>Required.</b> Status of the Transfer	
UNB22	0..1	312	<b>Required.</b> Sequence message transfer number	
UNB23	0..1	313	<b>Required.</b> First or last sequence message transfer indication	
UNB24	0..1	313	<b>Required.</b> Beginning of message	
UNB25	0..1	313	<b>Required.</b> Document or message name	
UNB26	0..1	313	<b>Required.</b> Processing function	
UNB27	0..1	313	<b>Valid values:</b> • 1 - Added or Created • 2 - Deleted or Cancelled • 3 - Changed	1
UNB28	0..1	317	<b>Required.</b> Code list qualifier	
UNB29	0..1	317	<b>Required.</b> Code list responsible agency code	
UNB30	0..1	315	<b>Required.</b> Document or message name	
UNB31	0..1	315	<b>Required.</b> Document or message number	213862
UNB32	0..1	317	<b>Required.</b> Message function, code	
UNB33	0..1	313	<b>Valid values:</b> • 9 - Original document, create in target. • 4 - Change order • 1 - Cancel order	9
UNB34	0..1	313	<b>Required.</b> Response type, code	
UNB35	0..1	313	<b>Required.</b> Date or time of period	
UNB36	0..1	313	<b>Required.</b> Date or time of period	
UNB37	0..1	313	<b>Valid values:</b> • 7 - Effective date • 44 - Availability date • 90 - Report start date • 91 - Report end date • 127 - Document date or time • 273 - Validity period	137
UNB38	0..1	313	<b>Valid values:</b> • 102 - YYYYMMDD format • 203 - CCYYMMDDdate format	2028304
UNB39	0..1	313	<b>Valid values:</b> • 102 - YYYYMMDD format • 203 - CCYYMMDDdate format	102
UNB40	0..20		<b>Valid values:</b> • Supplier • Manufacturer party • Inventory reporting party • Warehouse party • Ship from party • Distributor party	

Input Element	Occurs	Length	Description	Example
NAD01	1..1	113	<b>Required.</b> Party Qualifier for: • Bill To party. • Supplier party. • Manufacturer party. • Ship to party. • Ship from party. • Carrier party. <b>Required.</b> Party identifier code for party identifier and address information for bill to party. <b>Valid values:</b> • BT - Bill to party. • SF - Supplier. • MF - Manufacturer party. • OF - Inventory originating party. • WH - Warehouse party. • ST - Ship to party. • SF - Ship From Party. • CS - Contractor party.	N/A
NAD02	0..1		Party identification details.	
NAD02.1	0..1	3135	<b>Required.</b> Party identifier.	
NAD02.2	0..1	113	Code list identification code.	871219999999
NAD02.3	0..1	113	<b>Valid values:</b> • 36 - D-U-N-S number, Dun and Bradstreet. • 91 - Assigned by seller or company identifier. • 92 - Assigned by buyer or company site identifier. • 94 - Drug Enforcement Agency registration number. • 95 - Home and address.	16
NAD03	0..1		Name and address.	
NAD03.1	0..1	3135	<b>Required.</b> Name and address description.	
NAD03.2	0..1	3135	Name and address description.	
NAD04	0..1		Party name.	
NAD04.1	0..1	3135	<b>Required.</b> Party name.	Supplier Name
NAD04.2	0..1	3135	Party name.	
NAD04.3	0..1	3135	Party name.	
NAD05	0..1		Street.	
NAD05.1	0..1	3135	<b>Required.</b> Street and number or postal box.	Supplier Street
NAD05.2	0..1	3135	Street and number or postal box.	
NAD06	0..1		City name.	
NAD06.1	0..1	3135	Country subdivision details.	Supplier City
NAD07	0..1		Country sub-entity identification.	
NAD07.1	0..1	313	Country sub-entity identification.	
NAD08	0..1	3117	Postcode identification code.	Postal Code

Input Element	Occurs	Length	Description	Example
NAD09	D..1	3/3	Country Identifier Valid Values J - Japan AX - Åland Islands A - Albania OZ - Algeria AS - American Samoa AD - Andorra AN - Angola AI - Anguilla AO - Antartica AG - Antigua and Barbuda AR - Argentina AW - Aruba AU - Australia AT - Austria AZ - Azerbaijan EC - Bahrain BH - Bahrain BB - Barbados BE - Belgium BF - Benin BI - Benin BT - Bhutan BO - Bolivia, Plurinational State of Bolivia BA - Bosnia and Herzegovina BW - Botswana BV - Bouvet Island BR - Brazil IO - British Indian Ocean Territory BS - Brunei Darussalam BG - Bulgaria BF - Burkina Faso BT - 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 KW - Comoros CG - Congo CD - Congo, The Democratic Republic of the Congo CI - Côte d'Ivoire 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 GQ - Equatorial Guinea ER - Eritrea ES - Estonia ET - Ethiopia FK - 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 GI - Gibraltar GR - Greece GL - Greenland GP - Guadeloupe GU - Guam GT - Guatemala GW - Guinea GF - Guinea-Bissau GY - Guyana HK - Hong Kong HM - Heard Island and McDonald Islands IA - Holy See (Vatican City State) HK - Hong Kong HU - Hungary IN - India ID - Indonesia IR - Iran, Islamic Republic of Iran IE - Ireland IS - Israel IT - Italy JM - Jamaica JP - Japan JE - Jersey JO - Jordan KZ - Kazakhstan KG - Kyrgyzstan KR - Korea, Democratic People's Republic of Korea KR - Korea, Republic of Korea KW - Kuwait KG - Kyrgyzstan KP - Korea People's Democratic Republic LV - Latvia LB - Lebanon LS - Lesotho LI - Liechtenstein LT - Lithuania LU - Luxembourg MC - Monaco MK - Macedonia, The Former Yugoslav Republic of Macedonia MG - Madagascar MY - Malaysia MW - Malawi ML - Mali 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 MQ - Martinique MM - Myanmar NA - Namibia NR - Nauru NP - Nepal NL - Netherlands JC - Netherlands Antilles NC - New Caledonia NI - Nicaragua NG - Niger NE - Nigeria NF - Norfolk Island MP - Northern Mariana Islands NO - Norway OR - Oman PK - Pakistan PS - Palestinian Territory, Occupied PA - Panama PG - Papua New Guinea PF - French Polynesia PE - Peru PH - Philippines PW - Palau PT - Portugal PR - Puerto Rico QA - Qatar RE - Reunion RO - Romania RU - Russian Federation RW - Rwanda SA - Saint Helena, Ascension and Tristan da Cunha SX - Saint Kitts and Nevis LC - Saint Lucia MF - Saint Martin PM - Saint Pierre and Miquelon VC - Saint Vincent and the Grenadines SG - Singapore ST - Sao Tome and Principe SA - Saudi Arabia SN - Senegal RS - Serbia SC - Seychelles SL - Sierra Leone SG - Singapore SK - Slovakia SI - Slovenia SO - 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 SE - Sweden CH - Switzerland SY - Syrian Arab Republic TW - 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 TR - Turkey TC - Turks and Caicos Islands TV - Tuvalu UG - Uganda AE - United Arab Emirates GB - United Kingdom US - United States UM - United States Minor Outlying Islands UY - Uruguay UZ - Uzbekistan VA - Vatican VE - Venezuela, Bolivarian Republic of Venezuela VN - Vietnam VI - Virgin Islands, British VI - Virgin Islands, U.S. WF - Wallis and Futuna EH - Western Sahara YE - Yemen ZW - Zambia ZW - Zimbabwe	

Input Element	Occurs	Length	Description	Example
CTA	0..10	1/3	CTA - Contact information.	
CTA01	1..1	1/3	Required: Contact function, coded. Valid value is 50 - Supplier contact.	00
CTA02	0..1	1/3	Department or employee details.	
CTA02.1	0..1	1/17	Department or employee identification.	
CTA02.2	0..1	1/256	Department or employee.	John Smith
COM	0..5	1/3	COM - Communication contact.	
COM01	1..1	1/3	Communication information.	
COM01.1	1..1	1/12	Required: Communication number.	50812145678
COM01.2	1..1	1/3	Required: Communication channel qualifier.	18
COM01.3	1..1	1/3	Communication information.	
COM01.4	1..1	1/12	Required: Communication number.	654 team@partner.de
COM01.5	1..1	1/3	Required: Communication channel qualifier.	04
LN	1..999999	1/6	Line item.	
LN01	0..1	1/6	Line item number.	15
LN02	0..1	1/3	Processing function. Valid values: 1 - Added or created 2 - Deleted or canceled 3 - Change	1
LN03	0..1	1/3	Item Number Identification.	
LN03.1	0..1	1/25	Item number. Item number type, coded. Valid values: BP - Buyer's product identifier. CU - Customer's/Buyer's product item number. GV - GS1 Global Trade Item Number. MF - Manufacturer's product identifier. SK - SKI, Stock Keeping Unit. VN - Vendor, supplier's part number. VP - Universal product number (UPC). EC - Buyer's product identifier. BE - Manufacturer's product identifier. BF - Supplier's catalog number. BB - Universal product number (UPC)	871210000010
LN03.2	0..1	1/3	Code list qualifier.	VH
LN03.3	0..1	1/17	Code list qualifier.	
PIA	0..10	1/3	Additional Product Id	
PIA01	1..1	1/3	Required: Product id function qualifier.	3
PIA02	1..1	1/3	Required: Item Number Identification.	
PIA02.1	0..1	1/35	Item number. Item number type, coded. Valid values: BP - Buyer's product identifier. CU - Customer's/Buyer's product item number. GV - GS1 Global Trade Item Number. MF - Manufacturer's product identifier. SK - SKI, Stock Keeping Unit. VN - Vendor, supplier's part number. VP - Universal product number (UPC). EC - Buyer's product identifier. BE - Manufacturer's product identifier. BF - Supplier's catalog number. BB and NB - Lot number.	ABBB
PIA02.2	0..1	1/3	Code list qualifier.	SA
PIA02.3	0..1	1/17	Code list qualifier.	
PIA03	0..1	1/3	Code list qualifier.	
PIA03.1	0..1	1/35	Item number. Item number type, coded. Valid values: BP - Buyer's product identifier. CU - Customer's/Buyer's product item number. GV - GS1 Global Trade Item Number. MF - Manufacturer's product identifier. SK - SKI, Stock Keeping Unit. VN - Vendor, supplier's part number. VP - Universal product number (UPC). EC - Buyer's product identifier. BE - Manufacturer's product identifier. BF - Supplier's catalog number. BB and NB - Lot number.	ABBB
PIA03.2	0..1	1/3	Code list qualifier.	SA
PIA03.3	0..1	1/17	Code list qualifier.	
PIA04	0..1	1/3	Code list qualifier.	
PIA04.1	0..1	1/35	Item number. Item number type, coded. Valid values: BP - Buyer's product identifier. CU - Customer's/Buyer's product item number. GV - GS1 Global Trade Item Number. MF - Manufacturer's product identifier. SK - SKI, Stock Keeping Unit. VN - Vendor, supplier's part number. VP - Universal product number (UPC). EC - Buyer's product identifier. BE - Manufacturer's product identifier. BF - Supplier's catalog number. BB and NB - Lot number.	ABBB
PIA04.2	0..1	1/3	Code list qualifier.	SA
PIA04.3	0..1	1/17	Code list qualifier.	
PIA05	0..1	1/3	Code list qualifier.	
PIA05.1	0..1	1/35	Item number. Item number type, coded. Valid values: BP - Buyer's product identifier. CU - Customer's/Buyer's product item number. GV - GS1 Global Trade Item Number. MF - Manufacturer's product identifier. SK - SKI, Stock Keeping Unit. VN - Vendor, supplier's part number. VP - Universal product number (UPC). EC - Buyer's product identifier. BE - Manufacturer's product identifier. BF - Supplier's catalog number. BB and NB - Lot number.	ABBB
PIA05.2	0..1	1/3	Code list qualifier.	SA
PIA05.3	0..1	1/17	Code list qualifier.	
PIA06	0..1	1/3	Code list qualifier.	
PIA06.1	0..1	1/35	Item number. Item number type, coded. Valid values: BP - Buyer's product identifier. CU - Customer's/Buyer's product item number. GV - GS1 Global Trade Item Number. MF - Manufacturer's product identifier. SK - SKI, Stock Keeping Unit. VN - Vendor, supplier's part number. VP - Universal product number (UPC). EC - Buyer's product identifier. BE - Manufacturer's product identifier. BF - Supplier's catalog number. BB and NB - Lot number.	ABBB
PIA06.2	0..1	1/3	Code list qualifier.	SA
PIA06.3	0..1	1/17	Code list qualifier.	
IND	0..10	1/3	Item description.	
IND01	0..1	1/3	Item description type, coded. Valid values: C - Code (from industry code list) F - Free form S - Structured (from industry code list) B - Code and text	F
IND02	0..1	1/3	Item characteristic, coded.	
IND02.1	0..1	1/3	Item description identification.	
IND02.2	0..1	1/17	Code list qualifier.	
IND02.3	0..1	1/3	Code list responsible agency code.	
IND03	0..1	1/3	Item description.	
IND03.1	0..1	1/17	Item description identification.	
IND03.2	0..1	1/17	Code list qualifier.	
IND03.3	0..1	1/3	Code list responsible agency code.	
IND03.4	0..1	1/256	Item description.	Product description 1
IND03.5	0..1	1/256	Item description.	
IND03.6	0..1	1/3	Item description.	
DTM	0..5	1/3	Date.	
DTM01	1..1	1/3	Required: Date or time or period.	
DTM01.1	1..1	1/3	Required: Date or time or period qualifier. Valid value is 36 - Expiration date or time.	36
DTM01.2	1..1	1/38	Date.	20230304
DTM01.3	1..1	1/38	Date or time or period format qualifier. Valid value is 182 - YYYYMMDD format.	182
INV	0..9999	1/3	Inventory.	
INV01	0..1	1/3	Inventory movement direction code.	
INV02	0..1	1/3	Inventory movement reason code.	
INV03	0..1	1/3	Inventory movement reason code.	
INV04	0..1	1/3	Inventory balance method code.	
QTY	0..9	1/3	Quantity.	
QTY01	1..1	1/3	Required: Quantity details.	5
QTY01.1	1..1	1/3	Required: Quantity qualifier. Valid values: 17 - Quantity on hand 21 - Ordered quantity 27 - On hold quantity 89 - Inspection 170 - Released quantity	17
QTY01.2	1..1	1/35	Required: Quantity.	6

Input Element	Occurs	Length	Description	Example
UN	1..1	310	Required, UNH Message Trailer(UNH - UNH transaction)	
UNTS1	1..1	314	Required, Message reference number.	45
UNZ	1..1	316	Required, UNH - UNZ interchange control trailer envelope. Only one interchange expected per transmission.	1
UNZ01	1..1	316	Required, Interchange control count.	1
UNZ02	1..1	314	Required, Interchange control reference.	8

**Example**

```

UNA:+. ? '
UNB+UNOB:1+SENDER1:14:ZZUK+RECEIVER1:1:ZZUK+240913:1420+131+XYZ:AA+INV
RPT++1++I '
UNH+000000101+INVRPT:D:97A:UN+Interchg_id '
BGM+35+2738662+1 '
DTM+7:20230304:102 '
DTM+36:202303051207 '
DTM+44:20230306154812111:304 '
DTM+90:20230307:102 '
DTM+91:20230308124812:204 '
DTM+137:202303091209:203 '
DTM+273:20230310113445:204 '
NAD+BT+8712199999999::16++BillTo Name+BillTo Street1:BillTo
Street2+BillToCity+BT_State+BTPostalcode+US '
CTA+PD+:Contact Person_BT '
COM+1234567890:TE '
COM+BT_Email@partner.de:EM '
NAD+SU+8712199998888::164++Supplier Name+Supplier Street1:Supplier
Street2+SuppliCity+SU_State+SUPostalcode+US '
CTA+PD+:Contact Person_SU '
COM+1234567891:TE '
COM+SU_Email@partner.de:EM '
NAD+MF+8712199997777::91++Manufacturer Name+Manufacturer
Street1:Manufacturer
Street2+MF_City+MF_State+MFPostalcode+US '
CTA+PD+:Contact Person_MF '
COM+1234567892:TE '
COM+MF_Email@partner.de:EM '
NAD+GY+8712199996666::92++Reporting Name+Reporting Street1:Reporting

```

---

Street2+GY\_City+GY\_State+GYPostalcode+US'  
CTA+PD+:Contact Person\_GY'  
COM+1234567893:TE'  
COM+GY\_Email@partner.de:EM'  
NAD+WH+8712199995555::16++Warehouse Name+Warehouse Street1:Warehouse  
Street2+WH\_City+WH\_State+WHPostalcode+US'  
CTA+PD+:Contact Person\_WH'  
COM+1234567894:TE'  
COM+WH\_Email@partner.de:EM'  
NAD+ST+8712199994444::164++ShipTo Name+ShipTo Street1:ShipTo  
Street2+ST\_City+ST\_State+STPostalcode+US'  
CTA+PD+:Contact Person\_ST'  
COM+1234567895:TE'  
COM+ST\_Email@partner.de:EM'  
NAD+SF+8712199993333::91++ShipFrom Name+ShipFrom Street1:ShipFrom  
Street2+SF\_City+SF\_State+SFPostalcode+US'  
CTA+PD+:Contact Person\_SF'  
COM+1234567896:TE'  
COM+SF\_Email@partner.de:EM'  
NAD+DS+8712199992222::92++Distributor Name+Distributor  
Street1:Distributor  
Street2+DS\_City+DS\_State+DSPostalcode+US'  
CTA+PD+:Contact Person\_DS'  
COM+1234567897:TE'  
COM+DS\_Email@partner.de:EM'  
LIN+0001+1+8712100000010:VN'  
PIA+1+Customer1:IN+GTIN14\_1:SRV+UPC\_1:UP+US\_NDC442\_1:BC+US\_NDC532\_1:BD  
'  
PIA+2+Customer2:IN+Buyer1:BP+Manufacturer1:MF'  
PIA+3+LOT1:BB+US\_NDC542\_1:BF+US\_NDC541\_1:BE+SKU\_1:SK'  
IMD+F++:::Product Description 1:::EN'  
IMD+F++:::Product Description 2:::AR'  
DTM+7:20240304:102'  
DTM+36:202403051207'  
DTM+44:20240306154812111:304'  
DTM+90:20240307:102'  
DTM+91:20240308124812:204'  
INV++++1'  
QTY+17:60:EA'  
QTY+21:100:PC'  
INV++++2'  
QTY+27:10:CA'  
QTY+89:20:PK'  
QTY+170:30:EA'  
UNT+78+s121'  
UNZ+124+s125''



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