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Inventory balance canonical guidelines

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.

Canonical guidelines

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|---------------------------------|-----------------|--|--|---|--|
| data | - | Json object type/root element. | - | - | - |
| controlFileHeader | - | Canonical control file header to store data for control segments and envelopes of IDocs, and X12 and EDIFACT EDI messages. | - | - | - |
| messageBody | - | Payload for inventory balance canonical data. | - | - | - |
| canonicalInventoryBalanceHeader | - | Inventory balance message header. | Segment E1DRM01 | Segment BIA | Segment BGM |
| processingFunctionTypeCode | string | Processing function, transaction set purpose code. Valid values include: • CREATE • CHANGE • CANCEL • ORIGINAL • REPLACE • STATUS • INFORMATION Use java call-out table CL_ProcessingFunctionTypeCode.txt | E1DRM01/ACTION Use Java call-out table CL_ProcessingFunctionTypeCode.txt | BIA01 Use Java call-out table CL_ProcessingFunctionTypeCode.txt | BGM030 Use Java call-out table CL_ProcessingFunctionTypeCode.txt |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|---|-----------------|---|--|--|---|
| inventoryBalanceReportType | string | Report type for message. Valid value: <ul style="list-style-type: none"> INVENTORYBALANCE INVENTORYLOCATION DISTRIBUTORINVENTORY SELLERINVENTORY AGENTINVENTORY DISTRIBUTORMANUFACTURER INVENTORYPARAMETER MANUFACTURERINVENTORY MANUFACTURERAGENT MANUFACTURERDISTRIBUTOR INVENTORYMOVEMENTADVICE INVENTORYSTATUS INVENTORYADJUSTMENTADVICE | - | BIA02 = MM | BGM010-010 = 35 (Inventory report) |
| messageTypeIdentifierCode | string | Document/message name. | - | - | BGM010-040 |
| warehouseIdentifier | string | Warehouse identifier. | - | - | - |
| warehouseGroupIdentifier | string | Warehouse group identifier represents a trading group for multiple companies that use the same warehouse-space. | - | - | - |
| transactionReferencelIdentifierList (1) | array | Instance 1 transaction references for inventory update response mapping to X12 BIA and EDIFACT BGM segments. | Segment E1DRM01 Note: Map IDoc number to E1DRM01/TRANSNO | Segment BIA | Segment BGM |
| b2bTransactionIdentifierType | string | Referenced document type. Valid value is INVENTORYBALANCE. | b2bTransactionIdentifierType = INVENTORYBALANCE | b2bTransactionIdentifierType = INVENTORYBALANCE | b2bTransactionIdentifierType = INVENTORYBALANCE |
| b2bTransactionIdentifierValue | string | Purchase order number for lotAttributes. | TRANSNO if IDoc field not populated, map from EDI_DC40/DOCNUM | BIA03 | BGM020-010 |
| transactionDate | string | Date transaction created. | - | - | - |
| epochTransactionDate | integer | Date transaction created in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit. | - | - | - |
| lineItemNumber | string | Line item number in customer purchase order. Line item level only. | - | - | - |
| transactionReferencelIdentifierList (2) | array | Instance 2 transaction references for inventory update request at header level for all other document types. | - | Segment REF | Segment RFF |
| b2bTransactionIdentifierType | string | Referenced document type. Valid values include: <ul style="list-style-type: none"> B0L DOCUMENT PURCHASEORDER Use Java call-out to lookup table CL_B2BTransactionIdentifierType.txt. | - | REF01 b2bTransactionIdentifierType = anything Use Java call-out to lookup table CL_B2BTransactionIdentifierType.txt | RFF010-010 b2bTransactionIdentifierType = anything Use Java call-out to lookup table CL_B2BTransactionIdentifierType.txt |
| b2bTransactionIdentifierValue | string | Document identifier for transaction referenced by b2bTransactionIdentifierType | - | REF02 as defined by REF01 | RFF010-020 as defined by RFF010-010 |
| transactionDate | string | Date transaction created | - | - | - |
| epochTransactionDate | integer | Date transaction created in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit. | - | - | - |
| lineItemNumber | string | Line item number in customer purchase order. Line item level only. | - | - | - |
| mpcDates | array | Dates relevant for the batch master. | Segment E1DRM01 | Segment DTM | Segment DTM |
| dateType | string | Date type at header level for inventory balance in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: <ul style="list-style-type: none"> EFFECTIVE REPORTSTART REPORTEND DOCUMENT | - | DTM01 = 090 or 091 or anything else Use Java call-out to lookup table CL_DateType.txt | DTM010-010 = "7" (Effective date) or "137" (document/message date) or anything else Use Java call-out to lookup table CL_DateType.txt |
| dateValue | string | Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields. | E1DRM01/EFF_DATE E1DRM01/EFF_TIME E1DRM01/TRANDATE E1DRM01/TRANTIME | DTM02 where DTM01 as defined by DTM01 BIA04 (if not populated by instance 1 transactionReferencelIdentifierList) BIA05 (if time present) | DTM010-020 where DTM010-010 = "7" (Effective date) or "137" (document/message date) |
| epochDateValue | integer | Date defined by referenced date type generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit. | - | - | - |
| timeZone | string | Time zone for referenced dates. | - | - | - |
| freeTextNote | array | Free text group. | Segment E1DRM01 | - | Segment FTX |
| textReferenceCode | string | Text reference or subject code. Will map whatever is found. | - | - | FTX010 |
| textFunctionCode | string | Text function code. Will map whatever is found. | - | - | FTX020 |
| language | string | Language of free text. | - | - | FTX050 |
| textFormatCode | string | Format code for free text. | - | - | - |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|---|-----------------|--|---|--|--|
| freeText | string | Free test string. | - | - | FTX040-010 |
| billToBusinessInformation | - | Bill to party company identifiers and address information. | Segment E1ADRM0 where PARTNER_Q = "AG" | Segment loop group N1 N101 = "BT" | Segment loop group NAD NAD010 = "BT" |
| businessName | string | Business name for partner or location. | E1ADRM0/NAME1 | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name or overflow of business name. | E1ADRM0/NAME2 | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | E1ADRM0/PARTNER_ID | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | E1ADRM0/STREET1 | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | E1ADRM0/STREET2 | N302 | NAD050-020 |
| city | string | City. | E1ADRM0/CITY1 | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | E1ADRM0/REGION | N402 | NAD070-010 |
| postalCode | string | Postal code. | E1ADRM0/POSTL_COD1 | N403 | NAD080 |
| country | string | Country code. | E1ADRM0/COUNTRY1 | N404 | NAD090 |
| telephone | string | Telephone number. | E1ADRM0/TELEPHONE1 | - | - |
| fax | string | Fax number. | E1ADRM0/TELEFAX | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: • CUSTOMER • DELIVERY • ORDERCONTACT • PRIMARY • PRODUCTMANAGER • RESPONSIBLE • SUPPLIER | - | PER01 Use Java call-out table Cl_ContactType.txt | CTA010 Use Java call-out table Cl_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| supplierBusinessInformation | - | Supplier party company identifiers and address information. | E1ADRM0 where PARTNER_Q = "LF" | N101 = "SU" | NAD010 = "SU" |
| businessName | string | Business name for partner or location. | E1ADRM0/NAME1 | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name or overflow of business name. | E1ADRM0/NAME2 | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | E1ADRM0/PARTNER_ID | N104 CVS - REF01 hard code VR REF02 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | E1ADRM0/STREET1 | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | E1ADRM0/STREET2 | N302 | NAD050-020 |
| city | string | City. | E1ADRM0/CITY1 | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | E1ADRM0/REGION | N402 | NAD070-010 |
| postalCode | string | Postal code. | E1ADRM0/POSTL_COD1 | N403 | NAD080 |
| country | string | Country code. | E1ADRM0/COUNTRY1 | N404 | NAD090 |
| telephone | string | Telephone number. | E1ADRM0/TELEPHONE1 | - | - |
| fax | string | Fax number. | E1ADRM0/TELEFAX | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|---|-----------------|--|---|---|---|
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: • CUSTOMER • DELIVERY • ORDERCONTACT • PRIMARY • PRODUCTMANAGER • RESPONSIBLE • SUPPLIER | - | PER01 Use Java call-out table CL_ContactType.txt | CTA010 Use Java call-out table CL_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| manufacturerBusinessInformation | - | Manufacturer party company identifiers and address information. | E1ADRM0 where PARTNER_Q = "MF" | N101 = "MF" | NAD010 = "MF" |
| businessName | string | Business name for partner or location. | E1ADRM0/NAME1 | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name or overflow of business name. | E1ADRM0/NAME2 | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | E1ADRM0/PARTNER_ID | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | E1ADRM0/STREET1 | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | E1ADRM0/STREET2 | N302 | NAD050-020 |
| city | string | City. | E1ADRM0/CITY1 | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | E1ADRM0/REGION | N402 | NAD070-010 |
| postalCode | string | Postal code. | E1ADRM0/POSTL_COD1 | N403 | NAD080 |
| country | string | Country code. | E1ADRM0/COUNTRY1 | N404 | NAD090 |
| telephone | string | Telephone number. | E1ADRM0/TELEPHONE1 | - | - |
| fax | string | Fax number. | E1ADRM0/TELEFAX | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: • CUSTOMER • DELIVERY • ORDERCONTACT • PRIMARY • PRODUCTMANAGER • RESPONSIBLE • SUPPLIER | - | PER01 Use Java call-out table CL_ContactType.txt | CTA010 Use Java call-out table CL_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| reportingLocationBusinessInformation | - | Reporting location company identifiers and address information. | For IDoc, the reporting location could be the CMO, the manufacturer | N101 = "RL" | NAD010 = "GY" |
| businessName | string | Business name for partner or location. | - | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name or overflow of business name. | - | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | - | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | - | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | - | N302 | NAD050-020 |
| city | string | City. | - | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | - | N402 | NAD070-010 |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|---|-----------------|--|---|---|---|
| postalCode | string | Postal code. | - | N403 | NAD080 |
| country | string | Country code. | - | N404 | NAD090 |
| telephone | string | Telephone number. | - | - | - |
| fax | string | Fax number. | - | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: • CUSTOMER • DELIVERY • ORDERCONTACT • PRIMARY • PRODUCTMANAGER • RESPONSIBLE • SUPPLIER | - | PER01 Use Java call-out table CL_ContactType.txt | CTA010 Use Java call-out table CL_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| warehouseLocationBusinessInformation | - | Warehouse company identifiers and address information. | - | N101 = "WH" | NAD010 = "WH" |
| businessName | string | Business name for partner or location. | - | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name or overflow of business name. | - | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | - | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | - | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | - | N302 | NAD050-020 |
| city | string | City. | - | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | - | N402 | NAD070-010 |
| postalCode | string | Postal code. | - | N403 | NAD080 |
| country | string | Country code. | - | N404 | NAD090 |
| telephone | string | Telephone number. | - | - | - |
| fax | string | Fax number. | - | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |
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| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| shipToLocationInformation | - | Ship to party company identifiers and address information. | E1ADRM0 where PARTNER_Q = "WE" | N101 = "ST" | NAD010 = "ST" |
| businessName | string | Business name for partner or location. | E1ADRM0/NAME1 | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name or overflow of business name. | E1ADRM0/NAME2 | N201 | NAD030-020 |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|---|-----------------|---|---|--|---|
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | E1ADRM0/PARTNER_ID | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | E1ADRM0/STREET1 | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | E1ADRM0/STREET2 | N302 | NAD050-020 |
| city | string | City. | E1ADRM0/CITY1 | N401 | NAD060 |
| district | string | District. | N/A | N/A | N/A |
| state | string | State or region code. | E1ADRM0/REGION | N402 | NAD070-010 |
| postalCode | string | Postal code. | E1ADRM0/POSTL_COD1 | N403 | NAD080 |
| country | string | Country code. | E1ADRM0/COUNTRY1 | N404 | NAD090 |
| telephone | string | Telephone number. | E1ADRM0/TELEPHONE1 | - | - |
| fax | string | Fax number. | E1ADRM0/TELEFAX | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: * CUSTOMER * DELIVERY * ORDERCONTACT * PRIMARY * PRODUCTMANAGER * RESPONSIBLE * SUPPLIER | - | PER01 Use Java call-out table CL_ContactType.txt | CTA010 Use Java call-out table CL_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| shipFromLocationInformation | - | Ship to party company identifiers and address information. | E1ADRM0 where PARTNER_Q = "OSP" | N101 = "SF" | NAD010 = "SF" |
| businessName | string | Business name for partner or location. | E1ADRM0/NAME1 | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name or overflow of business name. | E1ADRM0/NAME2 | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | E1ADRM0/PARTNER_ID | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | E1ADRM0/STREET1 | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | E1ADRM0/STREET2 | N302 | NAD050-020 |
| city | string | City. | E1ADRM0/CITY1 | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | E1ADRM0/REGION | N402 | NAD070-010 |
| postalCode | string | Postal code. | E1ADRM0/POSTL_COD1 | N403 | NAD080 |
| country | string | Country code. | E1ADRM0/COUNTRY1 | N404 | NAD090 |
| telephone | string | Telephone number. | E1ADRM0/TELEPHONE1 | - | - |
| fax | string | Fax number. | E1ADRM0/TELEFAX | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|---|-----------------|--|---|--|--|
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: • CUSTOMER • DELIVERY • ORDERCONTACT • PRIMARY • PRODUCTMANAGER • RESPONSIBLE • SUPPLIER | - | PER01 Use Java call-out table CL_ContactType.txt | CTA010 Use Java call-out table CL_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| distributorBusinessInformation | - | Distributor party company identifiers and address information. | - | N101 = "DS" | NAD010 = "DS" |
| businessName | string | Business name for partner or location. | - | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name or overflow of business name. | - | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | - | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | - | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | - | N302 | NAD050-020 |
| city | string | City. | - | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | - | N402 | NAD070-010 |
| postalCode | string | Postal code. | - | N403 | NAD080 |
| country | string | Country code. | - | N404 | NAD090 |
| telephone | string | Telephone number. | - | - | - |
| fax | string | Fax number. | - | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: • CUSTOMER • DELIVERY • ORDERCONTACT • PRIMARY • PRODUCTMANAGER • RESPONSIBLE • SUPPLIER | - | PER01 Use Java call-out table CL_ContactType.txt | CTA010 Use Java call-out table CL_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| siteLocationInformation | - | Site location identifiers and address information. | - | - | - |
| businessName | string | Business name for partner or location. | - | - | - |
| additionalBusinessName | string | Additional business name for partner or location. | - | - | - |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | - | - |
| companyIdentifierValue | string | Company identifier value for business partner. | - | - | - |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | - | - | - |
| address2 | string | Supplemental street address. | - | - | - |
| city | string | City. | - | - | - |
| district | string | District. | - | - | - |
| state | string | State or region code. | - | - | - |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|--|-----------------|---|---|---|---|
| postalCode | string | Postal code. | - | - | - |
| country | string | Country code. | - | - | - |
| telephone | string | Telephone number. | - | - | - |
| fax | string | Fax number. | - | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| mpcAdditionalAddressInformation | - | Additional address information. | - | - | - |
| externalERPUserName | string | External ERP system user name for user who generated message. | - | - | - |
| organizationCode | string | Code for organization responsible for generating the message. | - | - | - |
| organizationDescription | string | Description of the organization responsible for generating the message. | - | - | - |
| groupCode | string | Code identifying group responsible for generating the message. | - | - | - |
| language | string | Language key for message. | - | - | - |
| languageCode | string | ISO language code for message. | - | - | - |
| telephone | string | Additional telephone number. | - | - | - |
| vatRegistrationNumber | string | VAT registration number. | - | - | - |
| taxExemptCode | string | Tax exempt code. | - | - | - |
| postalArea | string | Postal area. | - | - | - |
| emailAddress | string | Email address. | - | - | - |
| companyLocationContactInformation | - | - | - | - | - |
| contactType | string | Contact type. | - | - | - |
| contactName | string | Contact name. | - | - | - |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | - | - |
| contactEmail | string | Contact email address. | - | - | - |
| partnerEntityLocationBusinessInformation | array | Partner entities business, location address and its reference locations information. | - | Segment loop group N1 | Segment loop group NAD |
| partnerEntityType | string | Denotes type of the entity involved in this business transaction, Valid values include: • REPORTINGPARTY • OWNER • ORDERPARTY • WAREHOUSE | - | N101 = "HA" Use Java call-out table CL_PartnerEntityType.txt for any party entity types not already mapped | NAD010 = "GO" or "PO" Use Java call-out table CL_PartnerEntityType.txt for any party entity types not already mapped |
| businessName | string | Business name for partner or location | - | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name for partner or location | - | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | - | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | - | Party address information. | - | - | - |
| address1 | string | Main street address. | - | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | - | N302 | NAD050-020 |
| city | string | City. | - | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | - | N402 | NAD070-010 |
| postalCode | string | Postal code. | - | N403 | NAD080 |
| country | string | Country code. | - | N404 | NAD090 |
| telephone | string | Telephone number. | - | - | - |
| fax | string | Fax number. | - | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| mpcAdditionalAddressInformation | - | Additional address information. | - | - | - |
| externalERPUserName | string | External ERP system user name for user who generated message. | - | - | - |
| organizationCode | string | Code for organization responsible for generating the message. | - | - | - |
| organizationDescription | string | Description of the organization responsible for generating the message. | - | - | - |
| groupCode | string | Code identifying group responsible for generating the message. | - | - | - |
| language | string | Language key for message. | - | - | - |
| languageCode | string | ISO language code for message. | - | - | - |
| telephone | string | Additional telephone number. | - | - | - |
| vatRegistrationNumber | string | VAT registration number. | - | - | - |
| taxExemptCode | string | Tax exempt code. | - | - | - |
| postalArea | string | Postal area. | - | - | - |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|--------------------------------------|-----------------|--|---|--|---|
| emailAddress | string | Email address. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: <ul style="list-style-type: none"> CUSTOMER DELIVERY ORDERCONTACT PRIMARY PRODUCTMANAGER RESPONSIBLE SUPPLIER | - | PER01 Use java call-out table CL_ContactType.txt | CTA010 Use java call-out table CL_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| canonicalInventoryBalanceItemDetails | array | Inventory balance message line item details. | - | - | - |
| lineItemNumber | string | Line item number for inventory balance report. | E1DRM02/POSEX | LIN01 | LIN010 |
| processingFunctionTypeCode | string | Processing function, transaction set purpose code. Valid values include: <ul style="list-style-type: none"> CREATE CHANGE CANCEL ORIGINAL REPLACE STATUS INFORMATION | E1DRM02/ACTION Use java call-out table CL_ProcessingFunctionTypeCode.txt | - | LIN020 Use java call-out table CL_ProcessingFunctionTypeCode.txt |
| storageLocation | string | Location where stock is stored. | - | - | - |
| plantIdentifier | string | Plant identifier. | YMDRM02/WERKS | LIN/REF01 = PE (Plant identifier) | LIN/RFF01 = PE (Plant identifier) |
| productionMaterialState | string | Current state of product in production. Valid values: <ul style="list-style-type: none"> API - Active pharmaceutical ingredient WIP - Work in process COMPONENT - Component material FINISHEDGOODS RAWMATERIAL | - | - | - |
| palletIdentifier | string | Pallet Identifier. | - | - | - |
| productCodesIdentifiers | array | Internal material identifier in the backend/ERP systems for the product. In the delivery this will be the supplier, although the customer and other identifiers may also be present. | - | - | - |
| productCodeType | string | Code to qualify product identifier type: <ul style="list-style-type: none"> GTIN - 14 NTIN CN - RESCODE VENDORPARTNUM UPC SKU CUSTOMER SUPPLIER MANUFACTURER | QUALF = <ul style="list-style-type: none"> 001 or 002 or 003 or 004 Use java call-out to lookup table CL_ProductCodeType | <ul style="list-style-type: none"> LIN02 or LIN04 or LIN06 or LIN08 or LIN10 or LIN12 Use java call-out to lookup table CL_ProductCodeType | LIN030-020 Additional product types: <ul style="list-style-type: none"> PIA010 = 1 (additional identification) PIA020-020 PIA030-020 PIA040-020 PIA050-020 PIA060-020 Use java call-out to lookup table CL_ProductCodeType |
| productCodeValue | string | Product code identifier value. | E1EDP19/IDTNR Create 1 instance E1EDP19 for each qualifier present | <ul style="list-style-type: none"> LIN03 or LIN05 or LIN07 or LIN09 or LIN11 or LIN13 | LIN030-010 Additional product codes: <ul style="list-style-type: none"> PIA020-010 PIA030-010 PIA040-010 PIA050-010 PIA060-010 |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|-------------------------|-----------------|---|---|---|---|
| alternatIdentifier | string | Alternative identifier or identifier type. Adding for mapping to PIA020-030 (Danone). | - | - | <ul style="list-style-type: none"> PIA020-030 PIA030-030 PIA040-030 PIA050-030 PIA060-030 |
| productItemInformation | array | Product item code information. Only using a subset of all available attributes. | Segment E1DRM02/E1DRM04/E1EDP19 | Segment PID | Segment IMD Hard code "F" to IMD010 |
| productLanguageCode | string | Language for product description. | - | - | IMD030-040, IMD030-050 |
| productName | string | Name of product. | E1EDP19/KTEXT | PID05 | IMD030-040, IMD030-060 |
| genericName | string | Generic name for product. | - | - | - |
| productDescription | string | Description of the product defined by the current product identifier. | - | - | - |
| remarks | string | Remarks and other free text and pass thru values. | - | - | IMD020-010 optional, pass thru - Danone |
| lotNumber | string | Lot or batch identifier. | E1EDP19/IDTNR where QUALF = "010" | <ul style="list-style-type: none"> LIN03 or LIN05 or LIN07 or LIN09 or LIN11 or LIN13 where LIN02 ... LIN012 = B8 (batch) or LT (lot) | <ul style="list-style-type: none"> LIN03 or LIN05 or LIN07 or LIN09 or LIN11 or LIN13 where LIN02 ... LIN012 = NB (batch) or BB (lot) |
| customerLotNumber | string | Customer lot number. Added for Pierre Fabre. | - | - | - |
| subLotNumber | string | Sublot number. | - | - | - |
| lotStockType | string | Indicates if the batch is under QA, in which case the expected availability date should match the QM lot planned end date. Pass through mapping. | YMDRM02/Z_STOCK_TYPE | - | - |
| restrictedUseStatus | string | Lot or batch in restricted use status flag. Pass thru mapping. Valid values: <ul style="list-style-type: none"> X- Lot in restricted use status null, missing, empty tag - Lot NOT in restricted use status (default) | YMDRM02/Z_BATCH_STATUS | - | - |
| expirationDate | string | Expiration date for lot. | YMDRM02/Z_EXPIRATION_DATE | DTM02 where DTM01 = 036 | DTM010-020 where DTM01-010 = 36 |
| epochExpirationDate | integer | Expiration date for lot generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit. | - | - | - |
| expiryBucket | integer | Number of days within which drugs are going to be expired. | - | DTM06=Days for Drugs Expiry | - |
| itemStatus | string | The requested status. | - | - | - |
| itemCategory | string | Groups similar articles together (e.g. product group). It has no effect on functionality, but can be used to link articles for queries or reports if necessary. | - | - | - |
| itemType | string | Determines the type of articles declared on this order. Item Type links similar articles allowing processes or information for specific groups of articles. | - | - | - |
| isStoreSensitiveGoods | boolean | This flag indicates, whether the article needs to be stored in an area for sensitive goods. This is considered in the put-away process. Valid values: <ul style="list-style-type: none"> 0 - No 1 - Yes | - | - | - |
| isTemperatureControlled | boolean | This flag indicates, whether the article needs to be stored in a temperature controlled area. This is considered in the put-away process. Valid values: <ul style="list-style-type: none"> 0 - No 1 - Yes | - | - | - |
| isCaptureSerialNumbers | boolean | This flag indicates whether an article requires serial number capturing. This flag is considered in the RDT-based outbound processes. Valid values: <ul style="list-style-type: none"> 0 - No 1 - Yes | - | - | - |
| stockRotationMethod | string | Determines the sequence in which the stock is allocated in outbound processes. This field is linked to the following "StockRotationBasis" field. | - | - | - |
| stockRotationBasis | string | In conjunction with the previous "StockRotationMethod" field, this determines the basis upon which the stock will be selected and allocated in the outbound process. | - | - | - |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|--|-----------------|--|---|--|--|
| pricingUnitNumerator | string | Specifies how many units of the articles the article value applies to. For Example, if articles are only valued in packs of 10 then the value for 10 articles would be entered in ArticleValue and then value10 would be entered here. | - | - | - |
| commodityExportTariffCode | string | Export commodity code of the article. Used to derive a customs tariff when the goods are exported. | - | - | - |
| commodityImportTariffCode | string | Import commodity code of the article. Used to derive a customs tariff when the goods are imported. | - | - | - |
| recipeCode | string | Free-text optional field. It often appears on shipment documentation. | - | - | - |
| smallNormalFlag | string | This value indicates the type of RDT-workbank-tasks, required for picking/packing. 2 needs to be set if SAP-tasks are to be generated. Valid values: • NORMAL - 1 • SMALL - 2 | - | - | - |
| serialNumberCountBySKU | number | Number of serial stickers needed per SKU box. | - | - | - |
| warehouseLocation | string | Warehouse location. | - | - | - |
| warehouseZone | string | Warehouse work zone. | - | - | - |
| additionalWarehouseZoneInformation | string | More zoning data. | - | - | - |
| inventoryStatusUpdateCode | string | Stock Lock code for the transaction state. Codes in Appendix. | - | - | - |
| receiptDate | string | Date stock received. | - | - | - |
| partnerEntityLocationBusinessInformation | array | Partner entities business, location address and its reference locations information. | - | Segment loop group N1 | Segment loop group NAD |
| partnerEntityType | string | Denotes type of the entity involved in this business transaction. Valid values include: • CUSTOMER • DELIVERYPARTY • SUPPLIER | - | N101 = "BY" or "DP" or "SU" Use Java call-out table CL_PartnerEntityType.txt for any party entity types not already mapped | NAD010 = "BY" or "DP" or "SU" Use Java call-out table CL_PartnerEntityType.txt for any party entity types not already mapped |
| businessName | string | Business name for partner or location. | - | N102 | NAD030-010 |
| additionalBusinessName | string | Additional business name for partner or location. | - | N201 | NAD030-020 |
| mpcCompanyLocationIdentifierList | array | Identifier list for business party. | - | - | - |
| isIdentifierPresentInEvent | boolean | Is identifier present in event boolean. | - | - | - |
| companyIdentifierType | string | Regulatory company identifier type for business partner. | - | N103 | NAD020-030 |
| companyIdentifierValue | string | Company identifier value for business partner. | - | N104 | NAD020-010 |
| alternateCompanyLocationIdentifierValue | string | Alternate company location identifier value. | - | - | - |
| address | | Party address information. | - | - | - |
| address1 | string | Main street address. | - | N301 | NAD050-010 |
| address2 | string | Supplemental street address. | - | N302 | NAD050-020 |
| city | string | City. | - | N401 | NAD060 |
| district | string | District. | - | - | - |
| state | string | State or region code. | - | N402 | NAD070-010 |
| postalCode | string | Postal code. | - | N403 | NAD080 |
| country | string | Country code. | - | N404 | NAD090 |
| telephone | string | Telephone number. | - | - | - |
| fax | string | Fax number. | - | - | - |
| url | string | Website URL. | - | - | - |
| buildingNumber | string | Building number. | - | - | - |
| plantNumber | string | Plant number. | - | - | - |
| floorNumber | string | Floor number in building. | - | - | - |
| lscAddressIdentifier | string | LSC address identifier. | - | - | - |
| village | string | Village name. | - | - | - |
| houseNumber | string | House number. | - | - | - |
| township | string | Township. | - | - | - |
| premisesCode | string | Premises code. | - | - | - |
| mpcAdditionalAddressInformation | | Additional address information. | - | - | - |
| externalERPUserName | string | External ERP system user name for user who generated message. | - | - | - |
| organizationCode | string | Code for organization responsible for generating the message. | - | - | - |
| organizationDescription | string | Description of the organization responsible for generating the message. | - | - | - |
| groupCode | string | Code identifying group responsible for generating the message. | - | - | - |
| language | string | Language key for message. | - | - | - |
| languageCode | string | ISO language code for message. | - | - | - |
| telephone | string | Additional telephone number. | - | - | - |
| vatRegistrationNumber | string | VAT registration number. | - | - | - |
| taxExemptCode | string | Tax exempt code. | - | - | - |
| postalArea | string | Postal area. | - | - | - |
| emailAddress | string | Email address. | - | - | - |
| companyLocationContactInformation | - | - | - | Segment N1/PER | Segment NAD/CTA/COM |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|----------------------------------|-----------------|---|---|---|---|
| contactType | string | Contact type. Pass thru mapping for EDIFACT. Valid values: <ul style="list-style-type: none"> • CUSTOMER • DELIVERY • ORDERCONTACT • PRIMARY • PRODUCTMANAGER • RESPONSIBLE • SUPPLIER | - | PER01 Use Java call-out table CL_ContactType.txt | CTA010 Use Java call-out table CL_ContactType.txt |
| contactName | string | Contact name. | - | PER02 | CTA020-020 |
| contactTitle | string | Title of contact. | - | - | - |
| contactPhone | string | Contact phone number. | - | PER04 where PER03 = "TE" or PER06 where PER05 = "TE" | COM010-010 where COM010-020 = "TE" |
| contactEmail | string | Contact email address. | - | PER04 where PER03 = "EM" or PER06 where PER05 = "EM" | COM010-010 where COM010-020 = "EM" |
| itemQuantity | array | Total inventory quantity at line item level. | Segment E1DRM02 | - | - |
| quantityType | string | Type of quantity recorded. Valid value: <ul style="list-style-type: none"> • ITEM • ONHAND • PICKED | quantityType = ITEM | - | - |
| quantityValue | number | Quantity of product reported in inventory | STQTY | - | - |
| unitOfMeasure | string | Unit or Basis for Measurement Code. Quantity UOM's include: <ul style="list-style-type: none"> • CA - Case • CP - Crate • CT - Carton • DS - Display • DZ - Dozen • EA - Each • PC - Piece • PF - Pallet • PK - Package • T3 - Thousand Pieces • TH - Thousand • TY - Tray • UN - Unit | MEASUNIT | - | - |
| additionalProductReferencesFlag | - | Flags that determine if additional product references and dates are mandatory. | - | - | - |
| productReferenceFlag | string | Determines whether an Article Reference is mandatory when a goods item is created, altered or received. Valid values: <ul style="list-style-type: none"> • NO - 0 • YES - 1 • INBOUNDONLY - 2 • OUTBOUNDONLY - 3 • ITEMTYPE - 4 (Take from Item Type) | - | - | - |
| productDateFlag | string | Determines whether Article Date 1 is mandatory when a goods item is created, altered or received. Valid values: <ul style="list-style-type: none"> • NO - 0 • YES - 1 • INBOUNDONLY - 2 • OUTBOUNDONLY - 3 • ITEMTYPE - 4 (Take from Item Type) | - | - | - |
| additionalProductReferencesFlag2 | - | Flags that determine if additional product references and dates are mandatory. | - | - | - |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|----------------------------------|-----------------|--|--|---|---|
| productReferenceFlag | string | Determines whether an Article Reference is mandatory when a goods item is created, altered or received. Valid values: • NO - 0 • YES - 1 • INBOUNDONLY - 2 • OUTBOUNDONLY - 3 • ITEMTYPE - 4 (Take from Item Type) | - | - | - |
| productDateFlag | string | Determines whether Article Date 1 is mandatory when a goods item is created, altered or received. Valid values: • NO - 0 • YES - 1 • INBOUNDONLY - 2 • OUTBOUNDONLY - 3 • ITEMTYPE - 4 (Take from Item Type) | - | - | - |
| additionalProductReferencesFlag3 | - | Flags that determine if additional product references and dates are mandatory. | - | - | - |
| productReferenceFlag | string | Determines whether an Article Reference is mandatory when a goods item is created, altered or received. Valid values: • NO - 0 • YES - 1 • INBOUNDONLY - 2 • OUTBOUNDONLY - 3 • ITEMTYPE - 4 (Take from Item Type) | - | - | - |
| productDateFlag | string | Determines whether Article Date 1 is mandatory when a goods item is created, altered or received. Valid values: • NO - 0 • YES - 1 • INBOUNDONLY - 2 • OUTBOUNDONLY - 3 • ITEMTYPE - 4 (Take from Item Type) | - | - | - |
| totalItemPriceValue | - | Total price value for items reported in inventory balance. | - | - | - |
| priceValue | number | Price amount value | - | - | - |
| currencyCode | string | Currency code for price value. | - | - | - |
| storageLocationQuantity | array | Storage location quantity. | - | Segment LIIN/PTY instance 1 | Segments LIN/INV/PTY or LIN/PTY/INV (D96A EANCOM) - instance 1 of PTY loop |
| storageLocation | string | Storage location. | STOCK_LOC | - | - |
| quantityType | string | Type of quantity recorded. Valid values include: • ONHAND • ONHOLD • ONORDER • INSPECTION • ALLOCATED • PICKED • TOTAL Use java call-out to table CL_QuantityType.txt | quantityType = ONHAND E1DRM04/QUALF = "079" | <ul style="list-style-type: none"> • quantityType - ONHAND (PTY01 = "17") OR • quantityType - ONHOLD (PTY01 = "QH") OR • quantityType - ONORDER (PTY01 = "63") OR • quantityType = ALLOCATED (PTY01 = "H8") OR • quantityType = TOTAL (PTY01 = "26") | <ul style="list-style-type: none"> • quantityType = ONHAND (PTY010 = "17") OR • quantityType = ONHOLD (PTY010 = "27") OR • quantityType = ONORDER (PTY010 = "21") OR • quantityType = INSPECTION (PTY010 = "89") OR • quantityType = ALLOCATED (PTY01 = "170") |
| quantityValue | number | Quantity of product reported in inventory. | E1DRM04/PTY where quantityType = ONHAND | PTY02 | PTY020 |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|---------------------------|-----------------|---|---|---|--|
| unitOfMeasure | string | Unit or Basis for Measurement Code. Quantity UOM's include: <ul style="list-style-type: none"> • CA - Case • CP - Crate • CT - Carton • DS - Display • DZ - Dozen • EA - Each • PC - Piece • PF - Pallet • PK - Package • T3 - Thousand Pieces • TH - Thousand • TY - Tray • UN - Unit Use Java call-out to table UOM_TableLookup2.txt | E1DRM04/UOM where quantityType = ONHAND | QTTY03-01 | QTTY030 |
| inventoryType | string | Code specifying a type of inventory. Relevant to EDIFACT. | - | - | INV020 Note: check value of isIncrease to determine if value is added to or subtracted from inventory. Use Java call-out to lookup table CL_InventoryType.txt |
| isIncrease | boolean | Whether the transaction added or subtracted inventory levels, null if stock levels remain static. Either a '+' for adding stock or a '-' to subtract stock. Null if there is no change in the qty. <ul style="list-style-type: none"> • True - add stock • False - subtract stock | - | - | INV010 If isIncrease - true, INV010 - 2 (movement into inventory) Else, INV010 - 1 (movement out of inventory) |
| inventoryStatusUpdateCode | string | Code identifying the inventory update request or movement type. Use Java call-out to lookup table CL_StatusUpdateCode. | - | - | INV030 Note: check value of isIncrease to determine if value is added to or subtracted from inventory. Use Java call-out to lookup table CL_StatusUpdateCode. |
| shippingReceivingPoint | string | Identifier code for the depot or site where the inventory is held, normally the warehouse to which the goods will be received. | - | - | - |
| isBonded | boolean | Specifies whether stock declared on order line is bonded or not. Valid values: <ul style="list-style-type: none"> • 0 - No • 1 - Yes | - | - | - |
| isTaxed | boolean | Specifies whether stock declared on order line is taxed or not. Valid values: <ul style="list-style-type: none"> • 0 - No • 1 - Yes | - | - | - |
| conversionFactor | string | The UOM conversion factor to apply to the client UOM. | - | - | - |
| inventoryQuantities | array | Inventory quantities. | - | Segment LIIN/QTY all other instances of QTY loop | Segments LIN/INV/QTY or LIN/QTY/INV (D96A EANCOM) - all other instance of QTY loop |
| quantityType | string | Type of quantity recorded. Valid values include: <ul style="list-style-type: none"> • INVENTORYADJUSTMENT • INVENTORYDISCREPANCY • INVENTORYMOVEMENT • INVENTORYWITHDRAWAL • ONHAND • ONHOLD • ONORDER | - | <ul style="list-style-type: none"> • quantityType = ONHAND (QTY01 = "17") OR • quantityType = ONHOLD (QTY01 = "QH") OR • quantityType = ONORDER (QTY01 = "63") OR • quantityType = ALLOCATED (QTY01 = "H8") OR • quantityType = TOTAL (QTY01 = "26") | QTY010-010 Use Java call-out to table CL_QuantityType.txt |
| quantityValue | string | Additional product reference or attribute date value in date format YYYY-MM-DD. | - | QTY02 | QTY010-020 segment group 12 Need a quantity type in QTY010-010: 501 = qty credited 502 = qty debited INV010 identifies movement into (1) or out of (2) inventory |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|-------------------------------|-----------------|--|---|---------------------|--|
| unitOfMeasure | string | Unit or Basis for Measurement Code. Quantity UOM's include: <ul style="list-style-type: none"> • CA - Case • CP - Crate • CT - Carton • DS - Display • DZ - Dozen • EA - Each • PC - Piece • PF - Pallet • PK - Package • T3 - Thousand Pieces • TH - Thousand • TY - Tray • UN - Unit Use Java call-out to table UOM_TableLookup2.txt | - | QTTY03-01 | QTY010-030 Use Java call-out to table UOM_TableLookup2.txt |
| packagingGoodsIdentifiers | array | Packaging/goods identifier information. | - | - | Segment GIN in looping group LIN/INV loop /GIN LIN/QTY loop /GIN (D96A EANCOM) |
| packagingGoodsIdentifierType | string | Packaging goods identifier type. Valid values include: | - | - | GIN010 Use Java call-out table CL_PackagingGoodsIdentifierType.txt |
| packagingGoodsIdentifiersList | array | List of either up to 5 packaging goods identifiers or for up to 5 number ranges for packing list identifiers. | - | - | |
| packagingGoodsIdentifier | string | Packaging goods identifier value. For a number range, this would be the from identifier value. | - | - | <ul style="list-style-type: none"> • GIN020-010 • GIN030-010 • GIN040-010 • GIN050-010 • GIN060-010 |
| packagingGoodsIdentifierTo | string | Packaging goods identifier value to number if a number range is provided. | - | - | <ul style="list-style-type: none"> • GIN020-020 • GIN030-020 • GIN040-020 • GIN050-020 • GIN060-020 |
| referenceLocation | array | Relevant locations or places for business partner. Can be used to indicate the location of goods relevant to the business party. Can also be used to indicate movement of goods from one location to another. | - | - | Segment loop LIN/INV loop /LOC LIN/QTY loop /LOC (D96A EANCOM) |
| referenceLocationType | string | Reference location type. Valid values include: <ul style="list-style-type: none"> • DELIVERY • GOODSRECEIPT • ITEMSTORAGE • PACKING • LOADING • COUNTRYOFDESTINATION • COUNTRYOFORIGIN Use Java call-out table CL_LocationPlaceType. | - | - | LOC010 Use Java call-out table CL_LocationPlaceType |
| locationIdentifier | string | Location identifier as defined by referenceLocationType. | - | - | LOC020-010 |
| codeListIdentifier | string | Code list identifier maintained by agency or organization identified in codeListResponsibleAgencyType. | - | - | LOC020-020 |
| agencyCode | string | Code for agency responsible for the code list used for the codeListIdentifier. | - | - | LOC020-030 |
| locationName | string | Name of location. | - | - | LOC020-040 |
| relatedReferenceLocation | array | Related reference location information segments. | - | - | |
| locationIdentifier | string | Location identifier as defined by referenceLocationType. | - | - | LOC030-010 LOC040-010 |
| codeListIdentifier | string | Code list identifier maintained by agency or organization identified in codeListResponsibleAgencyType. | - | - | LOC030-020 LOC040-020 |
| agencyCode | string | Code for agency responsible for the code list used for the codeListIdentifier. | - | - | LOC030-030 LOC040-030 |
| locationName | string | Name of location. | - | - | LOC030-040 LOC040-040 |
| mpcDates | array | Dates relevant for the batch master. | - | Segment LIN/QTY/DTM | Segment LIN/INV/QTY/LOC/DTM |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|------------------------------------|-----------------|--|---|---|--|
| dateType | string | Date type at header level for inventory balance in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: • AVAILABILITY • EFFECTIVE | - | DTM01 = • 007 (effective) or • 036 (expiration) or • 018 (availability) or • 405 (manufacturing) Use Java call-out to lookup table CL_DateType.txt | DTM010-010 = • 36 (expiration) or • 44 (availability) Use Java call-out to lookup table CL_DateType.txt |
| dateValue | string | Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields. | - | DTM02 | DTM010-020 |
| epochDateValue | integer | Date defined by referenced date type generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit. | - | - | - |
| timeZone | string | Time zone for referenced dates. | - | - | - |
| transactionStatusInformation | array | Status information for handling movement instructions at header level. | - | - | Segment STS in group 13 of looping group 12 LIN |
| transactionStatusCategory | string | Category for the handling movement instruction status code. Use java call-out to lookup table CL_TransactionStatusCategory.txt. | - | - | STS010-010 Segment group 3, no loop, child of RFF loop group 2 Use java call-out to lookup table CL_TransactionStatusCategory.txt |
| transactionStatusCode | string | Status code for the handling movement instruction. Use java call-out to lookup table CL_TransactionStatusCode.txt | - | - | STS020-010 Segment group 3, no loop, child of RFF loop group 2 Use java call-out to lookup table CL_TransactionStatusCode.txt |
| description | string | Description of the handling movement status code. | - | - | STS020-040 Segment group 3, no loop, child of RFF loop group 2 |
| transactionStatusReasonInformation | array | Transaction status reason information for handling movement instructions. | - | - | STS segment group 3 in RFF loop group 2 |
| transactionStatusReasonCode | string | Category for the handling movement instruction status code. Use java call-out to lookup table CL_TransactionStatusReasonCode.txt. | - | - | STS030-010 Segment group 3, no loop, child of RFF loop group 2 Use java call-out to lookup table CL_TransactionStatusReasonCode.txt |
| description | string | Description of reason code. | - | - | STS030-040 |
| transactionReferenceInformation | array | Transactions or documents association with the locations referenced with the current business party. | - | Segment loop LIN/QTY/LS/REF | Segment loop NAD-RFF - all versions |
| transactionReferenceType | string | Referenced document type. Valid values includes: • HANDLINGMOVEMENTINSTRUCTION • VENDORDER • MANUFACTURINGORDER • PRODUCTIONLINE Use java call-out to table CL_TransactionReferenceType.txt. | - | REF01 Use java call-out to table CL_TransactionReferenceType.txt | RFF010-010 = HN (HANDLINGMOVEMENTINSTRUCTION) Use java call-out to table CL_TransactionReferenceType.txt |
| transactionReferenceIdentifier | string | Document identifier for transaction referenced by b2bTransactionIdentifierType. | - | REF02 | RFF010-020 |
| lineltemNumber | string | Line item number in customer purchase order. Line item level only. | - | - | - |
| description | string | Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02) | - | REF03 | - |
| transactionReferenceDate | string | Transaction reference date and time, if time available, in date format YYYY-MM-DD or YYYY-MM-DDTHH:MM:SS.nnnZ if time available. | - | - | - |
| epochTransactionReferenceDate | string | Transaction reference date and time in EPOCH date time format. | - | - | - |
| additionalProductReferences | | Additional product references instance 1. | - | - | - |
| additionalProductReference | string | Additional product reference or attribute. Pass thru mapping. | - | - | - |
| productDate | string | Additional product reference or attribute date value in date format YYYY-MM-DD. | - | - | - |
| epochProductDate | long | Additional product reference or attribute date value in epoch date format. | - | - | - |
| additionalProductReferences2 | | Additional product references instance 2. | - | - | - |
| additionalProductReference | string | Additional product reference or attribute. Pass thru mapping. | - | - | - |
| productDate | string | Additional product reference or attribute date value in date format YYYY-MM-DD. | - | - | - |
| epochProductDate | long | Additional product reference or attribute date value in epoch date format. | - | - | - |
| additionalProductReferences3 | | Additional product references instance 3. | - | - | - |
| additionalProductReference | string | Additional product reference or attribute. Pass thru mapping. | - | - | - |
| productDate | string | Additional product reference or attribute date value in date format YYYY-MM-DD. | - | - | - |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|-----------------------|-----------------|---|---|---|--|
| epochProductDate | long | Additional product reference or attribute date value in epoch date format. | - | - | - |
| productItemDetails | array | Details about the product, container, weight, volume, value, quantity, and other key information at a subline level. | - | - | - |
| itemCode | string | Unique identification of goods item. | - | - | - |
| consignmentIdentifier | string | Identification of the consignment to which the stock belongs. | - | - | - |
| productCodeValue | string | Product code value. | - | - | - |
| caseIdentifier | string | Case identifier number. | - | - | - |
| masterCaseIdentifier | string | Master case identifier. | - | - | - |
| packageType | boolean | Package type used for this PackKey Level, eg. BOX. Appendix includes full list of qualifiers. | - | - | - |
| conditionStatus | boolean | Status of the product item. | - | - | - |
| isBonded | string | Specifies whether stock declared on order line is bonded or not. Valid values: • True - 1 = Product is bonded • False - 0 = Product is not bonded (default) | - | - | - |
| isTaxed | string | Specifies whether stock declared on order line is taxed or not. Valid values: • True - 1 = Product is taxed • False - 0 = Product is not taxed (default) | - | - | - |
| warehouseIdentifier | string | Warehouse / warehouse complex identifier. Identification of warehousing client that is used throughout the system. | - | - | - |
| countryOfOrigin | string | Country from which shipment was shipped. | - | - | - |
| lotNumber | string | Lot number at product item details level. | - | - | - |
| actualCaseWeight | - | Actual weight of case at the product details level. | - | - | - |
| weightType | string | Type of weight recorded. Valid value is CASE. | - | - | - |
| weightValue | number | Weight of the case as the product item details level. | - | - | - |
| unitOfMeasure | string | Weight unit of measure in master data for product. | - | - | - |
| actualCaseVolume | - | Actual case volume at the product details level. | - | - | - |
| volumeType | string | Type of weight recorded. Valid value is CASE. | - | - | - |
| volumeValue | number | Volume for item. | - | - | - |
| unitOfMeasure | string | Volume unit of measure. | - | - | - |
| itemQuantity | - | Order quantity at the product item details level. | - | - | - |
| quantityType | string | Type of quantity recorded. Valid value is ITEM. | - | - | - |
| quantityValue | number | Quantity of product in delivery. | - | - | - |
| unitOfMeasure | string | Unit of measure for delivery quantity. | - | - | - |
| totalItemPriceValue | - | Segment recording total value of goods in message. | - | - | - |
| priceValue | number | Total price value for items ordered in message. | - | - | - |
| currencyCode | string | Currency code for price value. | - | - | - |
| packagingDimensions | - | Segment recording total value of goods in message. | - | - | - |
| packagingLength | number | Packaging length. | - | - | - |
| packagingWidth | number | Packaging width. | - | - | - |
| packagingHeight | number | Packaging height. | - | - | - |
| unitOfMeasure | string | Volume unit of measure. | - | - | - |
| mpcDates | - | Arrival Date and Time of received goods (inbound) in warehouse. | - | - | - |
| dateType | string | Date type. Valid value is ARRIVAL. | - | - | - |
| dateValue | string | Date defined by referenced date type in datetime format YYYY-MM-DDTHH:MM:SS.nnZ. | - | - | - |
| timeZone | string | Time zone for referenced dates. | - | - | - |
| unitPricing | array | Unit price amounts for item. | - | Segment LIN/CTP | Segment LIN/INV/PRI |
| pricingType | string | Pricing type for price sales catalog. Valid values include: • CATALOG - Catalog price • UNIT - Unit price • CHANGED - Price change • CONTRACT - Contract price • DISCOUNT - Discounted price • PROMOTION - Promotion price | - | CTP02 = • UCP (unit price) or • CAT or • CHG or • CON or • DPR or • PRP Use Java call-out to lookup table CL_PricingType.txt.txt | PRI010-010 = AAF" (catalog price) PRI010-030 = "CA" (Catalog) or "CT" (Contract) or "PE" (Each, unit) |
| totalStockValue | integer | Total pricing amount for that line item. | - | CTP08 (Total Monetary Amount) | - |
| currencyCode | string | Currency for pricing amount. | - | CUR02, refer enums for CUR01 | - |
| mpcDates | array | Dates relevant for the batch master. | Segment E1DRM02 | Segment LIN/QTY/DTM | Segment LIN/INV/QTY/LOC/DTM |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|------------------------------------|-----------------|---|--|--|--|
| dateType | string | Date type at header level for inventory balance in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: • AVAILABILITY • EFFECTIVE | - | DTM01 = • 007 (effective) or • 036 (expiration) or • 018 (availability) or • 405 (manufacturing) Use Java call-out to lookup table CL_DateType.txt | DTM010-010 = • 36 (expiration) or • 44 (availability) Use Java call-out to lookup table CL_DateType.txt |
| dateValue | string | Date defined by referenced date type in date format YYYY-MM-DD. Dates will be populated with string of 0's if no date found for any of these date types. Maps will pass thru whatever it finds in IDoc date and time fields. | EFFECTIVE: E1DRM02/EFF_DATE AVAILABILITY: YMDRM02/Z_AVAIL_DATE | DTM02 | DTM010-020 |
| epochDateValue | integer | Date defined by referenced date type generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit. | - | - | - |
| timeZone | string | Time zone for referenced dates. | - | - | - |
| transactionReferenceIdentifierList | | Transaction references for purchase order number used in the custom IDoc segment. | - | Segment LIN/QTY/REF | Segment LIN/INV/QTY/LOC/RFF |
| b2bTransactionIdentifierType | string | Referenced document type. Valid value is PURCHASEORDER. | - | N901 = • PO (PURCHASEORDER) or • WO (WORKORDER) or • DO (DELIVERY) or • RSN (RESERVATION) Use Java call-out to lookup table CL_B2BTransactionIdentifierType.txt | RFF010-010 = • OP (PURCHASEORDER) or • ADV (WORKORDER) or • AAK (DELIVERY) or • AEO (RESERVATION) Use Java call-out to lookup table CL_B2BTransactionIdentifierType.txt |
| b2bTransactionIdentifierValue | string | Purchase order number for lotAttributes. | - | - | - |
| transactionDate | string | Date transaction created. | - | - | - |
| epochTransactionDate | integer | Date transaction created in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit. | - | - | - |
| destinationLocationQuantity | array | Destination location quantity. Maps to X12 SDQ segment. Records quantities by location identifiers. Multiple locations-quantity pairs recorded on each line. | - | Note: CVS uses SDQ in their 846 as optional, linking CVS store numbers to quantities for each store. | - |
| unitOfMeasure | string | Unit or Basis for Measurement Code. Quantity UOM's include: • CA - Case • CP - Crate • CT - Carton • DS - Display • DZ - Dozen • EA - Each • PH - Pack • PC - Piece • PF - Pallet • PK - Package • T3 - Thousand Pieces • TH - Thousand • TY - Tray • UN - Unit | - | SDQ01 | - |
| companyIdentifierType | string | Company identifier type for locations identified within group. | - | SDQ02 | - |
| locationQuantitySequence01 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ03 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ04 | - |
| locationQuantitySequence02 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ05 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ06 | - |
| locationQuantitySequence03 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ07 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ08 | - |
| locationQuantitySequence04 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ09 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ10 | - |

| Canonical Element | Type Definition | Description | IDoc mapping (standard & customized IDoc) | X12 mapping | EDIFACT mapping |
|----------------------------|-----------------|--|---|-------------|-----------------|
| locationQuantitySequence05 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ11 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ12 | - |
| locationQuantitySequence06 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ13 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ14 | - |
| locationQuantitySequence07 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ15 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ16 | - |
| locationQuantitySequence08 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ17 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ18 | - |
| locationQuantitySequence09 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ19 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ20 | - |
| locationQuantitySequence10 | - | Location quantity group 1 with attributes to match SDQ location/quantity pairs. | - | - | - |
| locationIdentifier | string | Location identifier. | - | SDQ21 | - |
| destinationQuantity | integer | Quantity of product reported for location. | - | SDQ22 | - |
| freeTextNote | array | - | - | - | Segment FTX |
| textReferenceCode | string | Text reference or subject code. Will map whatever is found. | - | - | FTX010 |
| textFunctionCode | string | Text function code. Will map whatever is found. | - | - | FTX020 |
| language | string | Language of free text. | - | - | FTX050 |
| textFormatCode | string | Format code for free text. | - | - | - |
| freeText | string | Free test string. | - | - | FTX040-010 |
| customFields | array | Name value pairs for mapping pass through elements that will not be processed in TL system at different level. | - | - | - |
| name | string | Name of mapped field. | - | - | - |
| value | string | Value in named field. | - | - | - |