TRACELINK UNIVERSITY

Forecast plan canonical guidelines

The Forecast Plan IDoc message sends advanced notice to a supplier about the buyer's anticipated product quantity needs for an upcoming period of time.

Canonical guidelines

Canonical Element	Type Definition	Description	IDoc mapping	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 canonicalf sales forecast.	-	-	-
canonicalForecastPlanHeader	-	Forecast plan message header.	-	-	-
processingFunctionTypeCode	string	Processing function, transaction set purpose code. Valid values: • CREATE • CHANGE • CANCEL • ORIGINAL • REPLACE • STATUS • INFORMATION • RESPONSE • PROPOSED	-	BFR01	BGM030
forecastScheduleType	string	Forecast schedule type. Required value for X12 only. Valid values: • AUTHORIZEDDELIVERY • AUTHORIZEDSHIPMENT • CUSTOMERPRODUCTION • DELIVERYBASED • BUYERPRODUCTION • KANBAN • NONRECURRINGDEMAND • PLANNEDDELIVERY • PLANNEDREQUIREMENT • PLANNEDSHIPMENT • RECURRINGDEMAND • SHIPMENTBASED • CUSTOM	-	BFR04 Conversion. If source not populated, hard code BB customer production (CVS, RiteAid)	-
forecastScheduleQuantityType	string	Forecast schedule quantity type. Required value. Pass through. Valid values: • DISCRETE • CUMULATIVE • NETCHANGE • REPLACEMENT	-	BFR05 Conversion. If source not populated, hard code A actual discrete quantities (CVS)	-
customerIdentifier	string	Customer number for forecast.	E1EDK09/ABNRA	-	-
usageIndicator	string	Usage indicator.	E1EDK09/ABRVW	-	-

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
plantIdentifer	string	Plant identifier.	For manufacturing plant: • E1EDK09/USER01 = MANUFACTURINGPLANT • E1EDK09/USER02 = [plantIdentifier value]	-	-
description	string	Descriptive information about forecast plan id.	-	-	-
forecastPeriod	string	Sales forecast period. Valid values: • DAY (default) • WEEK • MONTH • INTERVAL • YEARLY (X12) • TWICEYEARLY (X12) • DELIVERY (X12) • DISCRETE (X12) • QUARTER (X12) • FOURWEEK • CUSTOM	-	-	-
messageLocationType	string	Type of the entity forecast applies, such as it is defined at customer, supplier, bill to, ship to etc and not a location.	-	-	-
messageLocationIdentifierValue	string	Forecast plan entity id.	-	-	-
locationName	string	Name of the entity for forecast receiving.	-	-	-
transactionReferenceIdentifierList	array	Transaction references for inventory balance report.	-	-	-
b2bTransactionIdentifierType	string	Referenced document type. Valid values: • FORECASTPLAN • PURCHASEORDER • CONTRACT • REFERENCE • RELEASE	• b2bTransactionIdentifierType = FORECASTPLAN • b2bTransactionIdentifierType = CONTRACT • b2bTransactionIdentifierType = REFERENCE	• b2bTransactionIdentifierType = FORECASTPLAN • b2bTransactionIdentifierType = RELEASE • b2bTransactionIdentifierType = CONTRACT • b2bTransactionIdentifierType = PURCHASEORDER	• b2bTransactionIdentifierType = FORECASTPLAN • b2bTransactionIdentifierType = RELEASE • b2bTransactionIdentifierType = CONTRACT
b2bTransactionIdentifierValue	string	Purchase order number for lotAttributes.	• FORECASTPLAN map to: E1EDK09/LABNK • CONTRACT map to: E1EDK09/VTRNR • REFERENCE map to: E1EDK09/VZEICH	• FORECASTPLAN map to BFR02 • RELEASE map to BFR03 • CONTRACT map to BFR10 • PURCHASEORDER map to BFR11 • Purchase order may also be mapped to XPO01.	• FORECASTPLAN map to BGM020-010 • RELEASE map to RFF-020 with REF-010 = RE\n • CONTRACT map to RFF-020 with REF-010 = CT
transactionDate	string	Date transaction created.	-	FORECASTPLAN map to BFR06. If date missing, map from dateType = REFERENCE If date missing, map from ISA09	-
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.	-	-	-
dateType	string	Date type at header level for inventory balance in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: • PURCHASEORDER • SCHEDULEDDELIVERY • DELIVERYSCHEDULE • DOCUMENT • STARTDATE	• dateType - PURCHASEORDER • dateType - DELIVERYSCHEDULE	• dateType = PURCHASEORDER = DTM01 = 004 • dateType = SCHEDULEDDELIVERY = DTM01 = 067 • dateType = DOCUMENT = DTM01 = 166 • dateType = STARTDATE = DTM01 = 196	PURCHASEORDER = DTM010-010 = 4 SCHEDULEDDELIVERY = DTM010-010 = 67
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.	PURCHASEORDER map to E1EDK09/BSTDK DELIVERYSCHEDULE map to E1EDK09/ABNRD	DTM02 (date) DTM03 (time) If dateType = DOCUMENT, map to BFR08	DTM010-020

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
epochDateValue	integer	Date defined by referenced date type 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.	-	-	-
customerBusinessInformation	-	Customer party company identifiers and address information.	E1EDKA1 where PARVW = "AG"	N101 = "BY"	NAD010 = "BY"
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD030-010
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	-	-	-
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	-	-	-
companyIdentifierType	string	Company identifier type for business partner.	-	N103	NAD020-030
companyIdentifierValue	string	Company identifier value for business partner.	E1EDKA1/PARTN	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	-	-	-
address	-	Party address information.	-	-	-
address1	string	Main street address.	E1EDKA1/STRAS	N301	NAD050-010
address2	string	Supplemental street address.	E1EDKA1/STRAS2	N302	NAD050-020
city	string	City.	E1EDKA1/ORT01	N401	NAD060
district	string	District.	-	-	-
state	string	State or region code.	E1EDKA1/REGIO	N402	NAD070-010
postalCode	string	Postal code.	E1EDKA1/PSTLZ	N403	NAD080
country	string	Country code.	E1EDKA1/LAND1	N404	NAD090
telephone	string	Telephone number.	E1EDKA1/TELF1	-	-
fax	string	Fax number.	E1EDKA1/TELFX	-	-
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	-	-	-	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name.	-	PER02	CTA020-020
contactTitle	string	Title of contact.	-	-	-
contactPhone	string	Contact phone number.	-	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	-	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
supplierBusinessInformation	-	Supplier party company identifiers and address information.	E1EDKA1 where PARVW = "LF"	N101 = "SU"	NAD010 = "SU"
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD030-010
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	-	-	-
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	-	-	-
companyIdentifierType	string	Company identifier type for business partner.	-	N103	NAD020-030
companyIdentifierValue	string	Company identifier value for business partner.	E1EDKA1/PARTN	N104 CVS - REF01 hard code VR map vendor identifier to REF02	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	-	-	-
address	-	Party address information.	-	-	-
address1	string	Main street address.	E1EDKA1/STRAS	N301	NAD050-010
address2	string	Supplemental street address.	E1EDKA1/STRAS2	N302	NAD050-020
city	string	City.	E1EDKA1/ORT01	N401	NAD060
district	string	District.	-	-	-
state	string	State or region code.	E1EDKA1/REGIO	N402	NAD070-010
postalCode	string	Postal code.	E1EDKA1/PSTLZ	N403	NAD080
country	string	Country code.	E1EDKA1/LAND1	N404	NAD090
telephone	string	Telephone number.	E1EDKA1/TELF1	-	-
fax	string	Fax number.	E1EDKA1/TELFX	-	-
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.	-	-	-

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
township	string	Township.	-	-	-
premisesCode	string	Premises code.	-	-	-
companyLocationContactInformation	-	-	-	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name.	-	PER02	CTA020-020
contactTitle	string	Title of contact.	-	-	-
contactPhone	string	Contact phone number.	-	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	-	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
shipToLocationInformation	-	Ship to party company identifiers and address information.	E1EDKA1 where PARVW = "WE"	N101 = "ST"	NAD010 = "ST"
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD030-010
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	-	-	-
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	-	-	-
companyIdentifierType	string	Company identifier type for business partner.	-	N103	NAD020-030
companyIdentifierValue	string	Company identifier value for business partner.	E1EDKA1/PARTN	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	-	-	-
address	-	Party address information.	-	-	-
address1	string	Main street address.	E1EDKA1/STRAS	N301	NAD050-010
address2	string	Supplemental street address.	E1EDKA1/STRAS2	N302	NAD050-020
city	string	City.	E1EDKA1/ORT01	N401	NAD060
district	string	District.	-	-	-
state	string	State or region code.	E1EDKA1/REGIO	N402	NAD070-010
postalCode	string	Postal code.	E1EDKA1/PSTLZ	N403	NAD080
country	string	Country code.	E1EDKA1/LAND1	N404	NAD090
telephone	string	Telephone number.	E1EDKA1/TELF1	-	-
fax	string	Fax number.	E1EDKA1/TELFX	-	-
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	-	-	-	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name.	-	PER02	CTA020-020
contactTitle	string	Title of contact.	-	-	-
contactPhone	string	Contact phone number.	-	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	-	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
shipFromLocationInformation	-	Ship to party company identifiers and address information.	-	N101 = "SF"	NAD010 = "SF"
businessName	string	Business name for partner or location.	-	N102	NAD030-010
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	-	-	-
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	-	-	-
companyIdentifierType	string	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.	-	-	-

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
township	string	Township.	-	-	-
premisesCode	string	Premises code.	-	-	-
companyLocationContactInformation	-	-	-	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name.	-	PER02	CTA020-020
contactTitle	string	Title of contact.	-	-	-
contactPhone	string	Contact phone number.	-	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	-	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
freeTextNote	array	Ship to party company identifiers and address information.	-	-	-
textReferenceCode	string	Text reference or subject code. Will map whatever is found.	E1EDK11/TDNAME	-	-
textFunctionCode	string	Text function code. Will map whatever is found.	-	-	-
language	string	Language of free text.	E1EDK11/SPRAS	-	-
textFormatCode	string	Format code for free text.	-	-	-
freeText	string	Free test string.	E1EDK11/TXT01	-	-
customFields	array	Name value pairs for mapping pass through elements that will not be processed in TL system but may be passed outbound. Header level.	-	-	-
name	string	Name of mapped field.	-	-	-
value	string	Value in named field.	-	-	-
canonicalForecastPlanItemDetails	array	Message location identifiers and other related information as header attributes for line item details. EDIFACT requirement. Looping group includes line item details for EDIFACT sales report. This is an optional looping attribute group that only maps to the EDIFACT SLSRPT message, which includes line item details as a loop within a mandatory LOC looping group.	-	-	Optional looping group relevant only for EDIFACT SLSRPT message. Required in EDIFACT. Line item level LIN loop a child of required LOC loop. Note: EDIFACT pins item details to location. There could be one or more locations each with one or more item forecastPlanItems.
messageLocationType	string	Message location type. EDIFACT pass-thru mapping.	-	-	LOC010
messageLocationIdentifierValue	string	Message location identifier value. EDIFACT mapping.	-	-	LOC020-010
messageLocationTypeStandard	string	Message location type standards body, ie, GS1. EDIFACT pass-thru mapping.	-	-	LOC020-030
locationName	string	Name of the entity for forecast receiving.	-	-	-
endCustomerName	string	Name of the end customer.	-	-	-
endCustomerIdentifier	string	End customer id.	-	-	-
forecastPlanItems	array	Forecast plan message line item details.	-	-	-
lineItemNumber	string	Line item number for inventory balance report. Also serves as the unique record identifier for sales forecast reports that use a unique record identifier but no line item number. Also serves as the recordIdentifier for Merck's custom XML forecast.	-	LIN01	LIN010
plantIdentifier	string	Customer plant identifier for sales forecast.	E1EDP10/KWERK	REF02 where REF01 = PE	LOC020-010 where LOC010 = 19 or RFF010-020 where RFF010-010 = PE LOC mapping for EDIFACT is at the messageLocation level parent to the line item details.
forecastVersion	string	Sales forecast version.	-	REF02 where REF01 = V0	-
unloadingPoint	string	Unloading point at customer location.	E1EDP10/DFABL	-	-
consumptionPoint	string	Consumption point at customer location.	E1EDP10/VBRST	-	-
unitOfMeasure	string	Unit or Basis for Measurement Code. Quantity UOM's include: • 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	E1EDP10/VRKME	UIT01	-
releaseScheduleKey	string	Release schedule key.	E1EDP10/SCREL	-	-

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
lotNumber	string	Lot or batch identifier.	-	LIN03 or LIN05 or LIN07 or LIN09 or LIN11 or LIN13 where LIN02 ... LIN012 = B8 (batch) or LT (lot)	LIN03 or LIN05 or LIN07 or LIN09 or LIN11 or LIN13 where LIN02 ... LIN012 = NB (batch) or BB (lot)
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: • CUSTOMER • SUPPLIER • MANUFACTURER • GTIN-14 • NTIN • CN-RESCODE • VENDORPARTNUM • UPC • SKU	• productCodeType - CUSTOMER • productCodeType - SUPPLIER	• LIN02 or • LIN04 or • LIN06 or • LIN08 or • LIN10 or • LIN12 or • LIN14 or • LIN16 or • LIN18 or • LIN20	LIN030-020 Additional product types: • PIA010 = 1 (additional identification) • PIA020-020 • PIA030-020 • PIA040-020 • PIA050-020 • PIA060-020
productCodeValue	string	Product code identifier value.	CUSTOMER map to E1EDP10/IDNKD SUPPLIER map to E1EDP10/IDNLF	• LIN03 or • LIN05 or • LIN07 or • LIN09 or • LIN11 or • LIN13 or • LIN15 or • LIN17 or • LIN19 or • LIN21	LIN030-010 Additional product codes: • PIA020-010 • PIA030-010 • PIA040-010 • PIA050-010 • PIA060-010
productItemInformation	array	Product item code information. Only using a subset of all available attributes.	-	-	-
productLanguageCode	string	Language for product description.	-	-	IMD030-040, IMD030-050
productName	string	Name of product.	E1EDP10/ARKTX	PID05	IMD030-040, IMD030-060
genericName	string	Generic name for product.	-	-	-
productDescription	string	Description of the product defined by the current product identifier.	-	-	-
itemQuantity	array	Quantity of item scheduled in the forecast.	-	-	-
quantityType	string	Type of quantity recorded. Valid value: • ORDER • RECEIVED • OUTSTANDING	• quantityType - ORDER • quantityType - RECEIVED • quantityType - OUTSTANDING	• quantityType -ONORDER map 45 to QTY01 • quantityType - RECEIVED map 87 to QTY01 • quantityType - OUTSTANDING map VJ to QTY01	• quantityType - ONORDER map 71 to QTY010-010 • quantityType - RECEIVED map 70 to QTY010-010 • quantityType = OUTSTANDING map 73 to QTY010-010
quantityValue	number	Quantity of product reported in inventory.	ORDER map to E1EDP10/AKUBM RECEIVED map to E1EDP10/AKUEM OUTSTANDING map to E1EDP10/FZDIF	QTY02	QTY020

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
unitOfMeasure	string	Unit or Basis for Measurement Code. Quantity UOM's include: • 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	-	QTTY03-01	QTTY030
mpcDates	array	Dates relevant for sales forecast.	-	-	-
dateType	string	Date type at item detail level for sales forecast. Valid values: • PURCHASEORDER • DELIVERY • SCHEDULEDDELIVERY • ESTIMATEDDELIVERY • SHIPPED • RECONCILIATIONDATE • VALIDFROM • VALIDTO • SHIPNOTBEFORE • SHIPNOTLATER	• dateType - PURCHASEORDER • dateType - DELIVERY • dateType - SCHEDULEDDELIVERY • dateType - RECONCILIATIONDATE • dateType - VALIDFROM • dateType - VALIDTO	• dateType - PURCHASEORDER map 004 to DTM01 • dateType - DELIVERY map 035 to DTM01 • dateType - SCHEDULEDDELIVERY map 067 to DMT01 • dateType - ESTIMATEDDELIVERY map 017 to DTM01 • dateType - SHIPPED map 011 to DTM01 • dateType - SHIPNOTBEFORE map 037 to DTM01 • dateType - SHIPNOTLATER map 038 to DTM01	• dateType - PURCHASEORDER map 4 to DTM010-010 • dateType - DELIVERY map 35 to DTM010-010 • dateType - SCHEDULEDDELIVERY map 67 to DTM010-010 • dateType - ESTIMATEDDELIVERY map 17 to DTM010-010 • dateType - SHIPPED map 11 to DTM010-010 • dateType - SHIPNOTBEFORE map 37 to DTM010-010 • dateType - SHIPNOTLATER map 38 to DTM010-010
dateValue	string	Date defined by referenced date type in date format YYYY-MM-DD or datetime format YYYY-MM-DDTHH:MM:SS.nnnz. Dates may 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 inbound date and time fields.	• PURCHASEORDER map to E1EDP10/BSTDK • DELIVERY map to E1EDP10/LIDTL • DELIVERYSCHEDULE map to E1EDP10/ABNRD • RECONCILIATIONDATE map to E1EDP10/ABDAT • VALIDFROM map to E1EDP10/ABRAB • VALIDTO map to E1EDP10/ABRBI	DTM02	DTM010-020
epochDateValue	integer	Date defined by referenced date type 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.	-	This may be used in the REF segment at the line item level by some companies.	This may be used in the REF segment at the line item level by some companies.
b2bTransactionIdentifierType	string	Referenced document type. Valid value: • DELIVERY • CONTRACT • FORECASTPLAN	• b2bTransactionIdentifierType - DELIVERY • b2bTransactionIdentifierType - CONTRACT • b2bTransactionIdentifierType - FORECASTPLAN	-	-
b2bTransactionIdentifierValue	string	Purchase order number for lotAttributes.	• DELIVERY map to E1EDP10/BELNR • CONTRACT map to E1EDP10/VTRNR • FORECASTPLAN map to E1EDP10/LABNK	-	-
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.	-	-	-
forecastDeliveryScheduleLines	array	Delivery schedule lines for sales forecast.	-	-	-

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
itemQuantity	array	Released quantity in schedule line. One instance per loop of forecastDeliveryScheduleLines.	-	-	-
quantityType	string	Type of quantity recorded. Valid value: • RELEASED • CUMULATIVE • DISCRETE	• quantityType - RELEASED • quantityType - CUMULATIVE	• quantityType - DISCRETE map to FST11 = 01 • quantityType - CUMULATIVE map to FST11 = 02 • quantityType - RELEASED map to FST11 = H3	• quantityType - DISCRETE maps to QT010-010 = 1 • quantityType - CUMULATIVE maps to QT010-010 = 3 • quantityType - ITEM maps to QT010-010 = 21
quantityValue	number	Quantity of product reported in inventory.	• RELEASED map to E1EDP16/WMENG • CUMULATIVE map to E1EDP16/FZABR	FST01	QTY010-020
unitOfMeasure	string	Unit or Basis for Measurement Code. Quantity UOM's include: • 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	-	-	QTY010-030
scheduleLineType	string	Schedule line type.	E1EDP16/ETTYP	-	-
forecastQualifier	string	Forecast qualifier specifying the sender's confidence level of the forecast data or an action associated with a forecast. Map thru. Relevant for X12.	-	FST02	-
forecastScheduleType	string	Schedule line type.	-	-	-
forecastPeriod	string	Sales forecast period. Valid values: • DAY (default) • WEEK • MONTH • INTERVAL • YEARLY (X12) • TWICEYEARLY (X12) • DELIVERY (X12) • DISCRETE (X12) • QUARTER (X12) • FOURWEEK • CUSTOM	E1EDP16/PRGRS If not populated, DAY is assumed includes 10 user defined codes.	FST03	-
scheduleLineFunction	string	Schedule line distribution function.	E1EDP16/ETVTF	-	-
requirementsStatusKey	string	Requirements status key.	E1EDP16/BSTAS	-	-
reasonForOrder	string	Reason for ordering.	E1EDP16/BSTGRU	-	-
description	string	Description of the means of transport.	E1EDP16/TRANSPDESC	-	-
scheduleLineDates	array	Schedule line start and end dates.	-	-	-
dateType	string	Date type at item detail level for sales forecast. Valid values: • SCHEDULELINE • GOODSISSUE • GOODSRECEIPT • STARTDATE • ENDDATE	• dateType - SCHEDULELINE • dateType - GOODSISSUE • dateType - GOODSRECEIPT	dateType = SCHEDULELINE For now, do not map a type from FST06 = 830	when dateType = SCHEDULELINE hardcode 2 dateType = STARTDATE hardcode 157 dateType = ENDDATE hardcode 206 to LIN/SCC/DTM01.1
fromDate	string	Begin date for the activity defined by the dateType: schedule line, scheduled goods issue, or planned goods receipt. Date defined by referenced date type in date format YYYY-MM-DD or datetime format YYYY-MM-DDTHH:MM:SS.nnnz. Dates may 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 inbound date and time fields.	• dateType = SCHEDULELINE map to E1EDP16/EDATUV (time = EZEIT) • dateType = GOODSISSUE map to E1EDP16/WDATUV (time = WZEIT) • dateType = GOODSRECEIPT map to E1EDP16/LDATUV (time = LZEIT)	dateType = SCHEDULELINE, map to FST04 If source format YYYY-MM-DDTHH:MM:SS.nnnz, map time to FST07.	dateType= STARTDATE then map to LIN/SCC/DTM01.2

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
toDate	string	End date for the activity defined by the dateType: schedule line, scheduled goods issue, or planned goods receipt. Date defined by referenced date type in date format YYYY-MM-DD or datetime format YYYY-MM-DDTHH:MM:SS.nnnz. Dates may 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 inbound date and time fields.	• dateType = SCHEDULELINE map to E1EDP16/EDATUB • dateType = GOODSISSUE map to E1EDP16/WDATUB • dateType = GOODSRECEIPT map to E1EDP16/LDATUB	dateType = SCHEDULELINE, map from FST05 If forecastPeriod NOT EQUAL DAY	dateType= ENDDATE then map to LIN/SCC/DTM01.2
epochFromDate	integer	Begin date for the activity defined by the dateType: schedule line, scheduled goods issue, or planned goods receipt. in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	-	-	-
epochToDate	integer	End date for the activity defined by the dateType: schedule line, scheduled goods issue, or planned goods receipt. 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 quantities and UOM to be shipped to one or more locations, such as stores, etc. Mapping only for X12.	-	-	-
unitOfMeasure	string	Unit or Basis for Measurement Code. Quantity UOM's include: • 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	-	SDQ01	-
companyIdentifierType	string	Company/location identifier type.	-	-	-
destinationQuantitySequence01	-	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	-
destinationQuantitySequence02	-	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	-
destinationQuantitySequence03	-	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	-
destinationQuantitySequence04	-	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	-
destinationQuantitySequence05	-	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	-
destinationQuantitySequence06	-	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	-

© TraceLink Inc. 2009 - 2025 All Rights Reserved

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
destinationQuantitySequence07	-	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	-
destinationQuantitySequence08	-	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	-
destinationQuantitySequence09	-	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	-
destinationQuantitySequence10	-	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	-
mpcCompanyLocationIdentifierList	-	Identifier list for business party. DEPRECATED.	-	-	-
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean. DEPRECATED.	-	-	-
companyIdentifierType	string	Regulatory company identifier type for business partner. DEPRECATED	-	-	-
companyIdentifierValue	string	Company identifier value for business partner. DEPRECATED	-	-	-
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value. DEPRECATED	-	-	-
destinationQuantityValue	-	Quantity of product to be sent to identified location. DEPRECATED	-	-	-
freeTextNote	array	Ship to party company identifiers and address information.	-	-	-
textReferenceCode	string	Text reference or subject code. Will map whatever is found.	E1EDP15/TDNAME	-	-
textFunctionCode	string	Text function code. Will map whatever is found.	-	-	-
language	string	Language of free text.	E1EDP15/SPRAS	-	-
textFormatCode	string	Format code for free text.	-	-	-
freeText	string	Free test string.	E1EDP15/TXT01	-	-
customFields	array	Name value pairs for mapping pass through elements that will not be processed in TL system but may be passed outbound. Line item level.	-	-	-
name	string	Name of mapped field.	-	-	-
value	string	Value in named field.	-	-	-
canonicalForecastPlanSummary	array	Forecast plan summary segment.	-	-	-
summaryType	string	Summary type for the sales forecast. Valid value is NUMBEROFITEMS.	-	summaryType = NUMBEROFITEMS	-
summaryValue	string	Summary value.	-	CTT01	-
summaryValueUnit	string	Summary value unit of measure.	-	-	LOC020-030

© TraceLink Inc. 2009 - 2025 All Rights Reserved