

TRACELINK UNIVERSITY

Advance ship notice (IDoc)

Shipment notices allow companies to exchange serialized data for sales shipments with upstream and downstream supply chain trade partners without giving these trade partners access to their serialization system of record. These shipment notices can be used to inform their Partners of the contents of a shipment, and the notices also allow these companies to comply with government regulations or recommendations for sharing serialized data about shipments.

The Advance ship notice (ASN) IDoc message sends data about a purchase order the supplier is fulfilling and notifies the buyer of the pending goods delivery.

Companies can communicate using the standard IDoc format they normally use to communicate with Partners from their ERP to communicate asynchronously with the Multienterprise Process Connect app. While TraceLink supports this message format, companies must follow some TraceLink specific requirements for the message header control settings in all asynchronous IDoc message communications sent inbound to TraceLink.

- **Message Type**: MPC_ADVANCE_SHIP_NOTICE (Advanced Ship Notice)
- **IDoc Format**: DESADV.DELVRY07
- **Transform Names**:
  - B2B_IDoc_DELVRY07_ASN_IB_V7
  - B2B_IDoc_DELVRY07_ASN_OB_V7
  - B2B_IDoc_DELVRY07_ZTLASN01_PT_ASN_IB_V2

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Guidelines

Input Element	Occurs	Length	Description	Example
DELVRY07	1...1	–	**Required.** XML IDoc DESADV root element.	–
IDOC	1...1	–	**Required.**IDoc root.	–
@BEGIN	1...1	0/*	**Required.**Begin of message attribute.	1
EDI_DC40	1...1	–	**Required.**IDoc control record.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
TABNAM	0...1	0/*	IDoc table name.	EDI_DC40
MANDT	0...1	0/3	Client.	300
DOCNUM	1...1	1/16	**Required.**IDoc number.	0000000000619827
DOCREL	0...1	0/4	IDoc version release number.	702
STATUS	0...1	0/2	Current IDoc processing status.	03
DIRECT	1...1	0/*	**Required.**Direction. • 1 – Outbound from TL to SAP • 2 – Inbound to TL from SAP	1
OUTMOD	0...1	0/1	Output mode.	2
EXPRSS	0...1	0/1	Overriding in inbound processing.	–
TEST	0...1	0/1	Test flag.	–
IDOCTYP	1...1	0/30	**Required.**IDoc basic type DELVRY07.	DELVRY07
CIMTYP	0...1	0/*	Name of extension type.	–
MESTYP	0...1	0/*	Logical message type.	DESADV
MESCOD	0...1	0/3	Logical message code.	–
MESFCT	0...1	0/3	Logical message function	–
STD	0...1	0/1	EDI standard.	–
STDVRS	0...1	0/6	Version of EDI standard	–
STDMES	0...1	0/6	EDI message type.	–
SNDPOR	0...1	0/10	Sender port (SAP System, EDI subsystem).	SAPD11
SNDPRT	0...1	0/2	Partner type of sender.	LS
SNDPFC	0...1	0/2	Partner function of sender.	–
SNDPRN	1...1	0/10	**Required.**Partner number of sender.	ERPCLNT302
SNDSAD	0...1	0/21	Sender address (SADR).	–

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Input Element	Occurs	Length	Description	Example
SNDLAD	1...1	1/70	**Required.**Logical address of sender. Identifies the IDoc sender for the TraceLink system. Must match the primary identifier value that the sender has configured for themselves in TraceLink master data. If no party type is sent, TraceLink assumes that the value is the internal party identifier in the sender's SAP system. Sender can also use a GLN, DUNS or any other party type standard listed in code list CL_LocationIdentifierType. If sender identifier is a GLN or any other identifier type in code list CL_LocationIdentifierType, the party type must be included in the SNDLAD value separated from the identifier with a colon (:) character, for example: GLN:00123456789106 TraceLink uses SNDLAD to look up the identifier value and type in master data. If a match is not found, an error will be thrown in TraceLink. **Valid Values** • AM_TIN – Armenia Taxpayer Identification Number. • AR_CUIT – Argentina Tax ID. • BR_CNES – Brazil National Registry of Health Facilities Number. • BR_CNPJ – Brazil Tax or Legal Entity ID. • BR_CPF – Brazil Individual Taxpayer Registration Number. • BR_PROF_REG – Brazil Professional Registration Number. • BY_TIN – Belarus Taxpayer Identification Number. • CN_CHINA_ID – China identifier (alphanumeric). • CN_FOREIGN_MAH – China Foreign MAH ID. • CN_FOREIGN_MFR – China Foreign Manufacturer ID. • CN_USCID – China Unified Social Credit Identifier. • DE_IFA_REG_NUM – Informationsstelle für Arzneispezialitäten (IFA) Registration Number. • DEA – US Drug Enforcement Agency Number. • DUNS – Dunn and Bradstreet Number. • DUNS4 – Dunn and Bradstreet Number with 4 digit extension. • GCP – GS1 Global Company Prefix. • GLN – Global Location Number. • HIN – Health Industry Number assigned by HIBCC. • ID_BPOM_FACILITYID – Indonesia BPOM facility Identifier. • IN_COMPANY_ID – India Company ID. • IN_GSTN – India Goods and Services Tax ID. • IN_IEC – India Importer Exporter Code. • IN_LOCATION_ID – India Location ID. • IN_MFR – India Manufacturing Code. • IN_MRCH – India Merchant Exporter Code. • IN_PAN – India Permanent Account Number. • IN_TIN – India Taxpayer Identification Number. • KG_TIN – Kyrgyzstan Taxpayer Identification Number. • KR_BUS_REG_NUMBER – South Korea Corporate Registration Number. • KR_PROVIDER_CODE – South Korea Provider Code. • KZ_BIN – Kazakhstan Business Identification Number. • RU_ACCOUNT_NUMBER – Russia Account Number. • RU_INN_FOREIGN_ENTITY – Russia Foreign Business Taxpayer Identification Number. • RU_INN_INDIV – Russia Individual Taxpayer Identification Number. • RU_INN_KPP_TAX_CODE – Russia KPP Registration Code. • RU_INN_LOCAL_ENTITY – Russia Local Business Taxpayer Identification Number. • SGLN – SGLN format representation of Global Location Number. • TRACELINK_ID – TraceLink Identification Number. • UZ_TIN – Uzbekistan Taxpayer Identification Number	0010136941923

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Input Element	Occurs	Length	Description	Example
RCVPOR	1...1	0/10	**Required.**SAP receiver port.	TRACELINK
RCVPRT	0...1	0/2	Partner type of receiver.	LS
RCVPFC	0...1	0/2	Partner function of receiver.	LS
RCVPRN	1...1	0/10	**Required.**Partner number of receiver.	TRACELINK
RCVSAD	0...1	0/21	Receiver address (SADR).	–

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Input Element	Occurs	Length	Description	Example
RCVLAD	1...1	1/70	**Required.**Logical address of receiver. Identifies the IDoc receiver for the TraceLink system. Must match the primary identifier value that the sender has configured for their receiver in TraceLink master data. If no party type is sent, TraceLink assumes that the value is a party identifier for the receiver in the sender's SAP system. Sender can also use a GLN, DUNS or any other party type standard listed in code list CL_LocationIdentifierType. If the receiver identifier is a GLN or any other identifier type in code list CL_LocationIdentifierType, the type must be included in the RCVLAD value separated from the identifier with a colon (:) character, for example: GLN:00123456789106 TraceLink uses RCVLAD to look up the identifier value and type in master data. If a match is not found, an error will be thrown in TraceLink. **Valid Values** • AM_TIN – Armenia Taxpayer Identification Number. • AR_CUIT – Argentina Tax ID. • BR_CNES – Brazil National Registry of Health Facilities Number. • BR_CNPJ – Brazil Tax or Legal Entity ID. • BR_CPF – Brazil Individual Taxpayer Registration Number. • BR_PROF_REG – Brazil Professional Registration Number. • BY_TIN – Belarus Taxpayer Identification Number. • CN_CHINA_ID – China identifier (alphanumeric). • CN_FOREIGN_MAH – China Foreign MAH ID. • CN_FOREIGN_MFR – China Foreign Manufacturer ID. • CN_USCID – China Unified Social Credit Identifier. • DE_IFA_REG_NUM – Informationsstelle für Arzneispezialitäten (IFA) Registration Number. • DEA – US Drug Enforcement Agency Number. • DUNS – Dunn and Bradstreet Number. • DUNS4 – Dunn and Bradstreet Number with 4 digit extension. • GCP – GS1 Global Company Prefix. • GLN – Global Location Number. • HIN – Health Industry Number assigned by HIBCC. • ID_BPOM_FACILITYID – Indonesia BPOM facility Identifier. • IN_COMPANY_ID – India Company ID. • IN_GSTN – India Goods and Services Tax ID. • IN_IEC – India Importer Exporter Code. • IN_LOCATION_ID – India Location ID. • IN_MFR – India Manufacturing Code. • IN_MRCH – India Merchant Exporter Code. • IN_PAN – India Permanent Account Number. • IN_TIN – India Taxpayer Identification Number. • KG_TIN – Kyrgyzstan Taxpayer Identification Number. • KR_BUS_REG_NUMBER – South Korea Corporate Registration Number. • KR_PROVIDER_CODE – South Korea Provider Code. • KZ_BIN – Kazakhstan Business Identification Number. • RU_ACCOUNT_NUMBER – Russia Account Number. • RU_INN_FOREIGN_ENTITY – Russia Foreign Business Taxpayer Identification Number. • RU_INN_INDIV – Russia Individual Taxpayer Identification Number. • RU_INN_KPP_TAX_CODE – Russia KPP Registration Code. • RU_INN_LOCAL_ENTITY – Russia Local Business Taxpayer Identification Number. • SGLN – SGLN format representation of Global Location Number. • TRACELINK_ID – TraceLink Identification Number. • UZ_TIN – Uzbekistan Taxpayer Identification Number	0030135941894

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Input Element	Occurs	Length	Description	Example
CREDAT	1...1	8/8	**Required.**Date IDoc was created in format YYYYMMDD.	20230511
CRETIM	1...1	6/6	**Required.**Time IDoc was created in format HHMMSS.	161000
REFINT	0...1	0/14	Reference to interchange file.	–
REFGRP	0...1	0/14	Reference to message group.	–
REFMES	0...1	0/14	Reference to message.	–
ARCKEY	0...1	0/70	EDI archive key.	–
SERIAL	0...1	0/20	EDI/ALE: Serialization field.	–
E1EDL20	0...1	–	Delivery document header.	1
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
VBELN	1...1	1/*	**Required.**Delivery document number.	0080016047
VSTEL	0...1	0/4	Shipping point or receiving point.	IL83
VKORG	0...1	0/4	Sales organization.	1000
LSTEL	0...1	0/2	Loading point.	–
VKBUR	0...1	0/4	Sales office.	3657
LGNUM	0...1	0/3	Warehouse number or warehouse complex.	081
ABLAD	0...1	0/25	Unloading point.	Dock 1
INCO1	0...1	0/3	Incoterms (Part 1).	CIF
INCO2	0...1	0/28	Incoterms (Part 2).	Destination
ROUTE	0...1	0/6	Route.	INTDWP
VSBED	0...1	0/2	Shipping conditions.	03
BTGEW	0...1	0/17	Total weight.	253.000
NTGEW	0...1	0/15	Net weight.	253.000
GEWEI	0...1	0/3	Weight unit of measure mapping for GROSSWEIGHT. **Valid values** • SMI – Statue Mile • 4G – Microliter • AM – Ampoule • ANN – Years • AV – Capsule • BE – Bundle • BG – Bag • BO – Bottle • BX – Box • CA – Can • CG – Card, Blister • CLT – Centiliter • CMK – Square Centimeter • CMQ – Cubic Centimeter • CMT – Centimeter • CQ – Cartridge • CR – Crate • CS – Case • CT – Carton • CY – Cylinder • DAY – Day • DI – Dispenser • DLT – Deciliter • DMT – Decimeter • DR – Drum • DS – Display • DZN – Dozen • EA – Each • FOT – Foot • FTK – Square Foot • FTQ – Cubic Feet • GL – Gram/liter • GLL – Gallon • GRM – Gram • GRO – Gross • HF – Hundred Feet • HLT – Hectoliter • HUR – Hours • INH – Inch • INK – Square Inch • INQ – Cubic Inches • K6 – Kiloliters • KGM – Kilogram • KMT – Kilometers • KT – Kit • LBR – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LTR – Liter • LY – Linear Yard • MC – Microgram • MGM – Milligram • MIL – Thousand • MLT – Milliliter • MMT – Millimeter • MON – Months • MTK – Square Meter • MTQ – Cubic Meters • MTR – Meter • ONZ – Ounces • OZA – Fluid Ounce • PCE – Piece • PF – Pallet • PK – Package • PH – Pack (PAK) • PO – Pouch • PR – Pair • PT – Pint • PU – Tray • QT – Quart • RO – Roll • SET – Set • SMI – Statute Mile • ST – Sheet • T3 – Thousand Pieces • TU – Tube • U2 – Tablet • UM – Million • UN – Unit • VI – Vial • WEE – Week • YDK – Square Yard • YRD – Yard	LBR
VOLUM	0...1	0/15	Volume.	420.000

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Input Element	Occurs	Length	Description	Example
VOLEH	0...1	0/3	Volume unit. **Valid values** • SMI – Statue Mile • 4G – Microliter • AM – Ampoule • ANN – Years • AV – Capsule • BE – Bundle • BG – Bag • BO – Bottle • BX – Box • CA – Can • CG – Card, Blister • CLT – Centiliter • CMK – Square Centimeter • CMQ – Cubic Centimeter • CMT – Centimeter • CQ – Cartridge • CR – Crate • CS – Case • CT – Carton • CY – Cylinder • DAY – Day • DI – Dispenser • DLT – Deciliter • DMT – Decimeter • DR – Drum • DS – Display • DZN – Dozen • EA – Each • FOT – Foot • FTK – Square Foot • FTQ – Cubic Feet • GL – Gram/liter • GLL – Gallon • GRM – Gram • GRO – Gross • HF – Hundred Feet • HLT – Hectoliter • HUR – Hours • INH – Inch • INK – Square Inch • INQ – Cubic Inches • K6 – Kiloliters • KGM – Kilogram • KMT – Kilometers • KT – Kit • LBR – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LTR – Liter • LY – Linear Yard • MC – Microgram • MGM – Milligram • MIL – Thousand • MLT – Milliliter • MMT – Millimeter • MON – Months • MTK – Square Meter • MTQ – Cubic Meters • MTR – Meter • ONZ – Ounces • OZA – Fluid Ounce • PCE – Piece • PF – Pallet • PK – Package • PH – Pack (PAK) • PO – Pouch • PR – Pair • PT – Pint • PU – Tray • QT – Quart • RO – Roll • SET – Set • SMI – Statute Mile • ST – Sheet • T3 – Thousand Pieces • TU – Tube • U2 – Tablet • UM – Million • UN – Unit • VI – Vial • WEE – Week • YDK – Square Yard • YRD – Yard	FTQ
ANZPK	0...1	0/5	Total number of packages in delivery.	00001
BOLNR	0...1	0/35	Bill of lading.	UL-3433050
TRATY	0...1	0/4	Means-of-transport type.	–
TRAID	0...1	0/20	Means of transport ID.	–
XABLN	0...1	0/10	Goods receipt and issue slip number.	–
LIFEX	0...1	0/35	External identification of delivery note.	43125
PARID	0...1	0/35	External partner number.	–
PODAT	0...1	0/8	Date (proof of delivery).	20230518
POTIM	0...1	0/6	Confirmation time.	120646
LOC_SEQ	0...1	0/3	Sequence of intermediate locations in returns process.	–
HOLD	0...1	0/1	Inbound delivery header not yet complete (on Hold).	–
MAX_ERR_TYPE	0...1	0/1	Maximum error type occurred.	–
LE_SCENARIO	0...1	0/1	Scenario logistic execution.	–
RECIPIENT_CREATE	0...1	0/1	Created by recipient.	–
E1EDL22	0...1	–	Delivery header descriptions.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
VSTEL_BEZ	0...1	0/30	Description of shipping and receiving point.	Gurnee Cage
VKORG_BEZ	0...1	0/20	Description of sales organization.	MonoGenerics Sales
LGNUM_BEZ	0...1	0/25	Warehouse description.	Gurnee DC Warehouse
INCO1_BEZ	0...1	0/30	Inco code 1 description.	Costs, insurance & freight
ROUTE_BEZ	0...1	0/30	Description of delivery route.	Interstate Distributor Co
VSBED_BEZ	0...1	0/20	Description of shipping conditions.	Ground
E1EDL21	0...1	–	Delivery header additional data.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
LFART	0...1	0/4	Delivery type.	LF
BZIRK	0...1	0/6	Sales district.	
AUTLF	0...1	0/1	Complete delivery defined for each sales order?	–
EXPKZ	0...1	0/1	Export indicator.	X
LIFSK	0...1	0/2	Delivery block (document header).	–

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Input Element	Occurs	Length	Description	Example
LPRIO	0...1	0/2	Delivery priority.	20
KDGRP	0...1	0/2	Customer group.	–
BEROT	0...1	0/20	Picked items location.	–
TRAGR	0...1	0/4	Transportation group.	0001
TRSPG	0...1	0/2	Shipment blocking reason.	–
AULWE	0...1	0/10	Route schedule.	–
E1EDL23	0...1	–	Deliv.Header Addit.Data descriptions.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
LFART_BEZ	0...1	0/20	Delivery type description.	Outbound delivery
LPRIO_BEZ	0...1	0/20	Description of delivery priorities.	Standard
BZIRK_BEZ	0...1	0/20	Name of the district.	–
LIFSK_BEZ	0...1	0/20	Description of reason for delivery block.	–
KDGRP_BEZ	0...1	0/20	Description of customer group.	–
TRAGR_BEZ	0...1	0/20	Description of transportation group.	On pallets
TRSPG_BEZ	0...1	0/20	Description of reason for shipment block.	–
AULWE_BEZ	0...1	0/40	Description of route schedule.	–
E1EDL18	0...99	–	IDOC: Controlling (Delivery).	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
QUALF	0...1	0/3	IDOC Qualifier: Control (Delivery). Valid values: • CHG – Change existing document in receiving system • DEL – Delete existing document in receiving system • ORI – Create new document in receiving system	ORI
PARAM	0...1	0/20	IDOC: Control parameters.	–
E1ADRM1	0...*		Delivery document partner identifier and address information. The following SAP party types are currently supported by TraceLink where PARTNER_Q is: • AG – Sold-to customer. • LF – Supplier or vendor • WE – Ship to party • OSP – Shipping point (ship from party) • OSO – Sales organization • SP – Carrier party	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
PARTNER_Q	1...1	0/3	**Required.**Qualifier identifying customer party location data Required if E1ADRM1 is populated.	AG
PARTNER_ID	1...1	0/17	**Required.**SAP partner number Required if E1ADRM1 is populated.	0001307782
JURISDIC	0...1	0/17	Location for tax calculation. Tax jurisdiction code.	–
LANGUAGE	0...1	0/2	Language key.	EN
NAME1	0...1	1/*	Party name or description.	BLUE FERRET HEALTH
NAME2	0...1	0/*	Party name or description.	–
NAME3	0...1	0/*	Party name or description.	–
STREET1	0...1	1/40	House number and street.	5995 COMMERCE CENTER DR
STREET2	0...1	0/40	House number and street.	–
STREET3	0...1	0/40	House number and street.	–
POSTL_COD1	0...1	1/10	Postal code.	43125
CITY1	0...1	1/40	Town or city.	GROVEPORT
TELEPHONE1	0...1	0/30	Telephone number.	6144096700
TELEFAX	0...1	0/30	Telephone number.	6144096751
COUNTRY1	0...1	1/3	Country indicator (ISO alphanumeric).	US
REGION	0...1	1/3	Region, state code.	OH
E1EDT13	0...1	–	IDoc date constraint segment.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
QUALF	1...1	0/3	**Required.**IDOC Qualifier: Date (Delivery) Required if E1EDT13 is present. Valid values: • 001 – Transportation planning date • 003 – Loading date for delivery • 006 – Date of goods issue to delivery • 007 – Date of outbound ASN from supplier • 010 – Picking date • 015 – Document date • 019 – Date of goods receipt at door • 021 – Supplier's outbound delivery date	006
NTANF	0...1	0/8	Planned start date in date format YYYYMMDD.	20230511
NTANZ	0...1	0/6	Planned start time in time format HHMMSS.	112321
NTEND	0...1	0/8	Planned end date in date format YYYYMMDD.	20230511
NTENZ	0...1	0/6	Planned end time in time format HHMMSS.	112321
ISDD	0...1	0/8	Actual start date in date format YYYYMMDD.	20230511
ISDZ	0...1	0/6	Actual start time in time format HHMMSS	112321
IEDD	0...1	0/8	Actual end date in date format YYYYMMDD.	20230511
IEDZ	0...1	0/6	Actual end time in time format HHMMSS.	112321
TZONE_END	0...1	0/6	Time zone.	PST
E1TXTH8	0...99	–	Header level free text group.	–
@SEGMENT	1...1	1/*	**Required.**Begin of segment attribute.	1

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Input Element	Occurs	Length	Description	Example
TDID	0...1	1/4	Text reference or subject code. Will map whatever is found.	–
TDOBJECT	0...1	0/10	Text function code. Will map whatever is found.	–
LANGUA_ISLANGUA_ISO	0...1	0/2	Language of free text.	–
E1TXTP8	0...1	–	Free text segment.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
TDFORMAT	0...1	0/2	Route description.	Interstate Distributor Co
TDLINE	0...1	0/132	Route description.	Interstate Distributor Co
E1EDL28	0...1	–	Routes and transportation information.	–
@SEGMENT	1...1	1/*	**Required.**Begin of segment attribute.	1
ROUTE	0...1	0/6	Route.	INTDWP
VSART	0...1	0/2	Shipping type code.	01
DISTZ	0...1	0/15	Delivery routing distance.	0.000
E1EDL29	0...1	–	Routing descriptions.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
ROUTE_BEZ	1...1	1/3	**Required.**Route description.	Interstate Distributor Co
E1EDL47	0...1	–	Delivery carrier's tracking connection data.	–
@SEGMENT	1...1	1/*	**Required.**Begin of segment attribute.	1
XSITD	0...1	0/10	Delivery carrier's ID number.	–
SHIPACCT	0...1	0/20	Sender's account number with express delivery carrier company.	–
TRACKN	0...1	0/35	Tracking number for package.	–
E1EDL24	1...*	–	Delivery document line Item. Total quantities shipped for saleable units by material number, batch number, and quantity are stored here.Batch split functionality: Lot numbers may be reported for the individual material number or through batch-split functionality. The default line item number range in POSNR is 000001 to 899999 (usually beginning with 000010). The lot number is in CHARG, and the quantity in LFIMG and LGMNG. If a batch split is present the saleable item becomes the parent record in a batch split hierarchy, with two or more instances of E1EDL24. The first instance will have default line item number in POSNR (ie, 000010). CHARG (lot number) will be NULL. Quantities will NOT BE reported in LFIMG and LGMNG, and weights in NTGEW and BRGEW will be NULL. This is followed by one or more child E1EDL24 segments with POSNR in the 900001 to 999999 range, one for each lot number for the saleable material. The child segments are identified as batch split items in field HIEW and link to their parent thru HIPOS with the parent's POSNR number. The lot number will be in CHARG, quantities in LFIMG and LGMNG, and weights for the lot in NTGEW and BRGEW .	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
POSNR	1...1	0/6	**Required.**Line item number for the delivery document.	000010
MATNR	1...1	0/18	**Required.**Internal SAP material number for product mapped at ShipmentItemDetails level.	000000000228308706
MATWA	0...1	0/18	Original material ordered by customer. Will be different from MATNR if item ordered changed.	000000000228308706
ARKTX	0...1	0/40	Short text for sales order item.	PHARMA PRODUCT NAME
MATKL	0...1	0/9	Material group.	P6000
WERKS	0...1	0/4	Plant.	US81
LGORT	0...1	0/4	Storage Location.	CC
CHARG	0...1	0/10	Lot number for saleable item in shipment. This field will not be populated for the parent of a batch split item(s). It will be populated for each batch split instance of E1EDL24.	A3542Z1
KDMAT	0...1	0/22	Customer material number from customer inforecord.	–
LFIMG	0...1	0/15	Total delivery quantity for saleable material and lot number for the line item. If item is the parent in a batch split, quantity will equal 0. Only the child batch split instance(s) will have a quantity value; NOT the parent line item.	24.000

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Input Element	Occurs	Length	Description	Example
VRKME	0...1	1/3	Sales unit Conditional Required - Required if LFIMG is populated. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA
LGMNG	0...1	0/15	Actual quantity delivered in stockkeeping units. If item part of a batch split, this quantity will only be populated in the batch split instances with POSNR number range 90001 thru 99999 but NOT in the parent material instance with default number range, ie, 000010 (in number range 0 to 89999).	24.000

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Input Element	Occurs	Length	Description	Example
MEINS	0...1	0/3	Base Unit of Measure Conditional Required - Required if LGMNG is populated. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA
NTGEW	0...1	0/15	Net weight for line item product.	13300.000
BRGEW	0...1	0/15	Gross weight for line item product.	14000.000

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Input Element	Occurs	Length	Description	Example
GEWEI	0...1	0/3	Weight unit of measure mapping to gross weight instance of itemWeight. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	LBR
VOLUM	0...1	0/15	Volume.	115.032

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Input Element	Occurs	Length	Description	Example
VOLEH	0...1	0/3	Volume unit. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	INQ
HIPOS	0...1	0/6	Parent line item number in an item hierarchy such as a batch split. Points to POSNR value of the parent item in the hierarchy. References main POSNR value for parent saleable material, ie, 000010, the finished item that has been assigned one or more batch numbers. This is null when batch split functionality NOT used.	–
HIEVW	0...1	0/1	Use of Hierarchy Item. When present, identifies nature of hierarchy. Populated only when the E1EDL24 item is part of a batch split. Identifies E1EDL24 segment item as a batch subitem in a batch split. Null when batch split functionality NOT used. Values include: • Null or empty – Main item. No hierarchy. • 1 – Batch subitem. Batch split in use. • 2 – BOM subitem. • 3 – Product selection. • 7 – Kit component.	–
LADGR	0...1	0/4	Loading group.	0003
TRAGR	0...1	0/4	Transportation group.	0001
VKBUR	0...1	0/4	Sales Office at item level.	–
VKGRP	0...1	0/3	Sales group.	–
VTWEG	0...1	0/2	Distribution channel.	10
SPART	0...1	0/2	Division.	00
GRKOR	0...1	0/3	Delivery group (items are delivered together).	000
EAN11	0...1	0/18	International Article Number (EAN/UPC).	0228308706
KDMAT35	0...1	0/35	External product item number.	3974524
POSEX	0...1	0/6	External item number.	000000
VFDAT	0...1	0/8	Shelf life expiration or best-before date.	20260517
VGBEL	0...1	0/10	Reference document number.	0000785170
VGPOS	0...1	0/6	Reference document line item number.	000010
ORMNG	0...1	0/15	Original quantity for delivery item.	12.000

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Input Element	Occurs	Length	Description	Example
E1EDL25	0...1	–	Delivery item descriptions.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute	1
LGORT_BEZ	0...1	0/16	Description of storage location.	Cntrl Subs Cage
LADGR_BEZ	0...1	0/20	Loading group description.	Schedule 3 to 5 drug
TRAGR_BEZ	0...1	0/20	Description of transportation group.	On palettes
VKBUR_BEZ	0...1	0/20	Description of sales office.	Sales office
VKGRP_BEZ	0...1	0/20	Description of sales group.	Sales group
VTWEG_BEZ	0...1	0/20	Description of distribution channel.	Actavis
SPART_BEZ	0...1	0/20	Description of division.	Actavis
MFRGR_BEZ	0...1	0/20	Description of material freight group.	Freight group
E1EDL26	0...1	–	Delivery item additional data.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
PSTYV	0...1	0/4	Sales document item category.	ORD
MATKL	0...1	0/9	Material group.	P6000
PRODH	0...1	0/18	Product hierarchy.	01
UMVKZ	0...1	0/6	Numerator (factor) for conversion of sales quantity into SKU.	1
UMVKN	0...1	0/6	Denominator (Divisor) for conversion of sales quantity into SKU.	1
KZTLF	0...1	0/1	Partial delivery at item level.	–
UEBTK	0...1	0/1	Indicator: Unlimited over delivery allowed.	–
UEBTO	0...1	0/5	Overdelivery tolerance limit.	0.0
UNTTO	0...1	0/5	Underdelivery tolerance limit.	0.0
XCHBW	0...1	0/1	Indicator for batches or evaluation types.	1
PCKPF	0...1	0/1	Packing control indicator.	A
MAGRV	0...1	0/4	Material group: packaging materials.	K020
KVGR1	0...1	0/3	Customer group.	CAH
MVGR1	0...1	0/3	Material group 1.	GEN
MVGR2	0...1	0/3	Material group 2.	N
E1EDL27	0...1	–	Delivery item additional data descriptions.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
PSTYV_BEZ	0...1	0/20	Description of item category.	Standard Item
MATKL_BEZ	0...1	0/20	Material group description.	Prescription
PRODH_BEZ	0...1	0/20	Description of product hierarchy.	60
WERKS_BEZ	0...1	0/30	Plant description.	Actavis Pharma, Inc - Gurnee
KVGR1_BEZ	0...1	0/20	Description of customer group.	Cardinal
MVGR1_BEZ	0...1	0/20	Description of material group 1.	Generic
MVGR2_BEZ	0...1	0/20	Description of material group 2.	Non-innovator
E1EDL15	0...*	–	Batch characters. Populated when batch split functionality used. Records master data attributes for batch.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
ATINN	0...1	0/10	Internal characteristic identifier.	9999999400
ATNAM	0...1	0/30	Characteristic name.	LOBM_VFDAT
ATBEZ	0...1	0/30	Characteristic description	Expiration date, shelf life
ATWRT	0...1	0/30	Characteristic value.	08/31/2025
ATWTB	0...1	0/30	Characteristic value description.	08/31/2025
EWAHR	0...1	0/24	Tolerance from.	0.0000000000000000E+00
E1EDL43	0...*	–	IDoc sales and distribution document reference.Sales Order most likely document to be present. Invoice only document to be mapped to outbound McKesson ASN.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
QUALF	1...1	0/1	**Required.**SAP sales and distribution system document type qualifier Valid Enums: • C – Supplier order • H – Return authorization • J – Delivery	C
BELNR	0...1	0/35	SD document number Conditionally Required: if E1EDL43 populated and the value of QUALF is C, H, or J, then BELNR is required.	04586587
POSNR	0...1	0/6	Document line item number.	000010
DATUM	0...1	0/8	Document date.	20230512
E1EDL41	0...*	–	Reference data for ordering party: Customer Purchase Order is optional.	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
QUALI	1...1	1/3	**Required.**Qualifier for reference data of ordering party is `001` – Purchase order.	001
BSTNR	1...1	0/35	**Required.**Customer purchase order number.	C0243554NLC
BSTDT	0...1	0/8	Customer purchase order date.	20230511
BSARK	0...1	0/4	Customer purchase order type.	–
IHREZ	0...1	0/12	Your reference number.	–
POSEX	0...1	0/6	Item number of the underlying Purchase Order.	000010

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Input Element	Occurs	Length	Description	Example
E1EDL37	0...*	–	Handling unit header. Packing hierarchy stored in this looping group if entered in Delivery document. Each instance of E1EDL37 describes one level of packing hierarchy, with the child levels in E1EDL44, ie: • Pallet – Child Packs or Saleable Items • Packs – Child Inner Packs or Saleable Items • Inner Packs – Child saleable Items	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1
EXIDV	1...1	1/20	**Required.**External Handling Unit Identification. SSCC-18 identifier for packaging item required in this field.	000103059120027456 50
TARAG	0...1	0/17	Tare weight of handling unit.	100
GWEIT	0...1	0/3	Weight unit tare. Required if TARAG present. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	LBR
BRGEW	0...1	0/17	Total weight of handling unit.	120
NTGEW	0...1	0/17	Loading weight of handling unit.	100
MAGEW	0...1	0/17	Allowed loading weight of a handling unit.	100

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Input Element	Occurs	Length	Description	Example
GWEIM	0...1	0/3	Weight unit of measure for total, loading and allowed weight. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	LBR
BTVOL	0...1	0/17	Total volume of handling unit.	100
NTVOL	0...1	0/17	Loading volume of handling unit.	100
MAVOL	0...1	0/17	Allowed loading volume for handling unit.	100
TAVOL	0...1	0/17	Tare volume of handling unit.	100

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Input Element	Occurs	Length	Description	Example
VOLET	0...1	0/3	Unit of measure for tare volume. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	FTQ
VHILM	0...1	0/18	Packaging material number - material ID in sender's SAP material master for packaging unit.	RFID_PALLET1
LAENG	0...1	0/15	Length.	10
BREIT	0...1	0/15	Width.	10
HOEHE	0...1	0/15	Height.	10

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Input Element	Occurs	Length	Description	Example
MEABM	0...1	0/3	Dimension unit of measure for Length/Width/Height height mapping. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	INH
INHALT	0...1	0/40	Description of handling unit content.	HU content
VHART	0...1	0/4	Packaging material type. Valid values: • 0001 – Pallet • 0002 – Outer Pack • 0003 – Inner Pack In overpack scenarios where a case and items may be stored within another case as children in E1EDL44. Define the child case as an inner pack in VHART when it appears as a parent in E1EDL37.	0001
MAGRV	0...1	0/4	Material group: packaging materials.	–
LADLG	0...1	0/8	Length of loading platform in lgth of LdPlat measurement units.	–
LADEH	0...1	0/3	Unit of measure to measure the length of loading platform.	–
ERNAM	0...1	0/12	Name of person who created the object.	–
GEWFX	0...1	0/1	Weight and volume fixed.	–
ERLKZ	0...1	0/1	Status (at this time without functionality).	–
EXIDA	0...1	0/1	Type of external Handling Unit Identifier.	E
MOVE_STATUS	0...1	0/4	Current status of container unit in sending SAP system.	0050
E1EDL38	0...1	–	Container unit header descriptions.	–
@SEGMENT	1...1	1/*	**Required.**Begin of segment attribute.	1
VHART_BEZ	0...1	0/20	Description of packaging container type at primary packaging level.	Pallets
MAGRV_BEZ	0...1	0/20	Description of material grouping shipping material.	–
VEBEZ	0...1	0/40	Description of packaging material.	PALLET FOR PACKING
E1EDL44	0...*	–	IDoc: Handling unit item (Delivery).	–
@SEGMENT	1...1	0/*	**Required.**Begin of segment attribute.	1

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Input Element	Occurs	Length	Description	Example
VELIN	1...1	0/1	**Required.**Type of handling-unit item content. SAP values: • 1 – Saleable item • 2 - Auxiliary packing item • 3 – Handling unit (packing item: pack, inner pack, etc.)	1
VBELN	0...1	0/*	Delivery document identifier linked to packaged product Conditionally Required: If the value of VELIN is 1, then VBELN is required.	0081426104
POSNR	0...1	0/6	Line item number in delivery document for packaged product packed into parent container. If the value of VELIN is 1, then POSNR is required.	000010
EXIDV	0...1	0/20	External handling unit Identification number. Only populated when aggregation is a packing item, ie, a pack or inner pack of a higher level pack or pallet. Not populated for saleable items.	–
VEMNG	0...1	0/17	Number of units of aggregation item packed in parent pack. Only populated when aggregation item is a saleable item. Not populated for packs and inner packs. Conditionally Required: If the value of VELIN is 1, then VEMNG is required.	10.000
VEMEH	0...1	0/3	Base Unit of Measure of the Quantity to be Packed (VEMNG) Conditionally Required:If the value of VELIN is 1, and VEMNG populated, then VEMEH is required. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA

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Input Element	Occurs	Length	Description	Example
MATNR	0...1	0/18	SAP material number for aggregation item. Only populated when aggregation item a saleable item. Removing mapping from E1EDL44 to allow mapping of NDC number to create unique key for Line Item - Product Number - Batch Number for OB 856 ASN mapping of split batch items using same line item number. Conditionally Required:If the value of VELIN is 1 , then MATNR is required.	000000000228308706
CHARG	0...1	0/10	Lot Number. May be populated only if source aggregation item a saleable item. If the value of VELIN is 1 , then CHARG is required.	948608A
WERKS	0...1	0/4	Plant.	US81
LGORT	0...1	0/4	Storage location.	CC

Example

```
<DELVRY07>
    <IDOC BEGIN="1">
        <EDI_DC40 SEGMENT="1">
            <TABNAM>EDI_DC40</TABNAM>
            <MANDT>001</MANDT>
            <DOCNUM>0000000003916823</DOCNUM>
            <DOCREL>740</DOCREL>
            <STATUS>30</STATUS>
            <DIRECT>1</DIRECT>
            <OUTMOD>2</OUTMOD>
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