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Motor carrier load tender canonical guidelines

The Motor Carrier Load Tender is an electronic transaction used by a shipper or third-party logistics provider (3PL) to offer a shipment to a motor carrier for transportation. This message communicates all required shipment details so the carrier can evaluate and respond to the load.

Canonical guidelines

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
Canonical Element		-	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.	-	-	-
canonicalMotorCarrierLoadTenderHeader		-	Header details for motor carrier load tender.	-	Segment B2 and B2A	-
	processingFunctionTypeCode	string	Processing function, transaction set purpose code. Valid values include: • CREATE • CHANGE • CANCEL • ORIGINAL • REPLACE • STATUS • CONFIRM	-	B2A01	-

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	loadTenderType	string	It defines the business context or classification of the load tender. Valid values: • HIGHWAY - Highway In-Transit • AIRIMPORT - Air Import • AIREXPORT - Air Export • BOL - Bill Of Lading • LOADTENDER - Load Tender - Truckload (TL) Carrier Only • MANIFEST - Manifest • AIR - Air in transit • LOADSUMMARY - Load Summary • FREIGHT - Freight Tender • BOOKING - Booking • MULTIPLESHIPMENT - Multiple Shipment Invoice • SINGLESHIPMENT - Single Shipment Status • PARTIALLOAD - Partial Load Tender, Shipper Consolidate • POINTTOPOINT - Point to Point Rate Application • PERSONAL - Personal Property Tender	-	B2A02 = • 39 (HIGHWAY) Or • 43 (AIRIMPORT) Or • 44 (AIREXPORT) Or • BL (BOL) Or • LT (LOADTENDER) Or • MF (MANIFEST) Or • 45 (AIR) Or • LS (LOADSUMMARY) Or • FR (FREIGHT) Or • BN (BOOKING) Or • SP (MULTIPLESHIPMENT) Or • SS (SINGLESHIPMENT) Or • PS (PARTIALLOAD) Or • PP (POINTTOPOINT) Or • HR (PERSONAL)	-
	servicesTariffCode	string	Types of services rendered for this shipment and respective charges billed by the carrier. Valid values include: • BARGETOBARGE - Rate for shipments for barge-to-barge carrier terminal service • BARGETODOOR - Rate for shipments for barge-to-door service • BARGETOMOTOR - Rate for shipments for barge-to-motorservice • BARGETORAIL - Rate for shipments for barge-to-rail service	-	B201 = • BB (BARGETOBARGE) or • BD (BARGETODOOR) or • BM (BARGETOMOTOR) or • BR (BARGETORAIL)	-
	carrierCode	string	Shipping carrier standard alpha code (SCAC).	-	B202	-
	locationIdentifier	string	Standard point location code (SPLC) used for rate making.	-	B203	-
	weightUnitType	string	Type of weight recorded. Valid values include: • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces • GRAMS - Grams	-	B205 = • K (KILOGRAMS) or • G (GRAMS) or • E (METRICTON)	-
	shipmentChargePaymentMethodType	string	Method of payment for shipment. Valid values include: • ADVANCECOLLECT • ADVANCEPREPAID • BUYER • BUYERSELLERDEFINED • COLLECT • COLLECTDELIVERY	-	B206 = • CC (COLLECT) or • PA (ADVANCEPREPAID) or • PO (PREPAIDONLY) or • PP (PREPAIDSELLER) or • PS (SELLER) or • TP (THIRDPARTYPAY) or • CA (ADVANCECOLLECT) or • BP (BUYER) or • DF (BUYERSELLERDEFINED)	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	freightInvoiceShipmentType		string	Code specifying relationship of this shipment with other shipments handed over to carrier at the same time, like split shipment. Valid values include: • SEAWAYBILL - Sea Waybill • INTERMODALCOMBINEDBOL - Intermodal/Combined Transport Bill of Lading • FIRSTSPLITSHIPMENT - First Bill for Split Shipmen • SUBORDINATESPLITSHIPMENT - Subordinate Bill for a Split Shipment • SINGLESHIPMENT - Bill of Lading for Individual Shipment • CONSOLIDATEDSHIPMENT - Consolidated Shipment • MASTERBILLOFLADING - Master Bill of Lading with Multiple Delivery Locations • SUPPLEMENTALBILLING - Supplemental billing • ROUNDTRIPMOVEMENT - Round trip Movement • VOIDBILL - Void bill	-	B207	-
	equipmentQuantity		number	Total number of equipments used in this transaction	-	B208	-
	transportTradeTerms		string	Describes the trade terms which apply to the shipment transportation responsibility. It also helps to describe the party responsible for making payment. Valid values are: • COSTANDFREIGHT - Cost and Freight • COSTINSURANCEFREIGHT - Cost, Insurance, and Freight • DELIVEREDPLACE - Delivered At Place • DELIVEREDTERMINAL - Delivered At Terminal	-	B211 = • CFR (COSTANDFREIGHT) or • CIF (COSTINSURANCEFREIGHT) or • DAP (DELIVEREDPLACE) or • DAT (DELIVEREDTERMINAL)	-
	paymentMethod		string	Method of payment. Valid values include: • ACH • CASH • CREDIT • BANKCHECK • CHECK • DIRECTDEPOSIT • DRAFT • CUSTOM	-	B212 = • ACH (ACH) or • CAS (CASH) or • CCC (CREDIT) or • CCH (BANKCHECK) or • CHK (CHECK) or • DDP (DIRECTDEPOSIT) or • PBD (DRAFT) or • ZZZ (CUSTOM)	-
	transactionReferencelIdentifierList		array	List of documents and transactions at the header level of the message	-	Segment L11 & B2	-
		b2bTransactionIdentifierType	string	Transaction reference type for X12 segments REF, L11 and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: • MOTORCARRIERLOADTENDER (Required) - Transaction unique identifier • SHIPMENT - Shipper's identifier for the shipment • PURCHASEORDER - Purchase Order Number • SUPPLIERORDER - Vendor order number • MASTERBOL - Master BOL • AGENTSHIPMENT - Agent shipment number • CARRIERREFERENCE - Carrier reference number • CONSIGNEEORDER - Consignees order number	-	L1102 = • PO (PURCHASEORDER) Or • VN (SUPPLIERORDER) Or • SI (SHIPMENT) Or • MB (MASTERBOL) Or • AG (AGENTSHIPMENT) Or • CN (CARRIERREFERENCE) Or	-
		b2bTransactionIdentifierValue	string	Transaction reference identifier value.	-	B204 when b2bTransactionIdentifierType =BOL & MOTORCARRIERLOADTENDER L1101 for remaining qualifiers in b2bTransactionIdentifierType	-
		transactionDate	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.	-	ISA09&10 if empty L1104 for remaining qualifiers in b2bTransactionIdentifierType	-
		epochTransactionDate	string	Transaction reference date and time, if time available, in epoch date format.	-	-	-
		lineltemNumber	integer	Transaction reference date and time in EPOCH date time format.	-	-	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	transactionReferenceInformation		array	Reference information for identifiers that are not related to transaction documents. This group would map to X12 segments REF, L11 and N9 and EDIFACT RFF for information other than transaction documents.	-	Segment L11	-
		transactionReferenceType	string	Transaction reference type for X12 segments REF, L11 and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: - SHIPMENTORIGIN - Shipment Origin Code - SHIPMENTDESTINATION - Shipment Destination Code - FORWARDERREFERENCE - Freight forwarder reference identifier - OCEANCONTAINERIDENTIFIER - Ocean container number - CARRIERASSIGNEDSHIPPERIDENTIFIER - Carrier assigned shipment identifier. - PICKUPIDENTIFIER - Pickup reference number	-	L1102 = 4B (SHIPMENTORIGIN) 4C (SHIPMENTDESTINATION) Or - OC (OCEANCONTAINERIDENTIFIER) Or 8X (TRANSACTIONTYPE)	-
		transactionReferenceIdentifier	string	Transaction reference identifier value.	-	L1101	-
		description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	-	L1103	-
		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.	-	L1104	-
		epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
	mpcCurrency		-	Currency for motor carrier load tender.	-	segment C3	-
		currencyCode	string	Currency Code.	-	C301	-
		exchangeRateCurrencyCode	string	Exchange Rate Currency Code.	-	-	-
		exchangeRate	string	Exchange Rate.	-	C302	-
		validityRate	string	Validity Date.	-	-	-
		currencyEntityCode	string	Currency Entity Code.	-	C303	-
	mpcDates		-	Dates relevant for Motor carrier load tender at header.	-	Segment G62	-
		dateType	string	Date type at header level for shipping instructions in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: - ISSUE - Letter of credit issue date - EXPIRATION - Letter of credit expiration date - VESSELLOADED - Actual cargo loaded on vessel - DOCUMENT - Document date	-	G6201	-
		dateValue	string	Date defined by referenced date type in date format YYYY-MM-DD. Transform will pass thru whatever it finds in IDoc date and time fields.	-	G6202	-
		epochDateValue	integer	Date defined by referenced date type generated in epoch integer date format.	-	-	-
		dateTimePeriodFormat	string	Code specifying representation of date or time or format presented in date value. Valid values include: - CCYYMMDD - Date format century year month day, 2 characters each - CCYYMDDHHMM - Date format century year month day hour minutes, 2 characters each	-	-	-
		timeZone	string	Time zone for referenced dates.	-	G6205	-
		eventTimeType	string	Event Time Type.	-	G6203	-
	carrierSequenceInformation		-	Carrier sequence information for shipment. Records cit and state or province location for each carrier used for shipment.	-	Segment MS3 - interline info	-
		carrierCode	string	Shipping carrier alpha code (SCAC).	-	MS301	-
		carrierSequenceCode	string	Code identifying sequence of carriers in shipment, beginning with the original carrier. Valid values include: - ORIGINAL - Original carrier - FIRST - First carrier after original - SECOND - Second carrier after original - THIRD - Third carrier after original - FOURTH - Fourth carrier after original - FIFTH - Fifth carrier after original	-	MS302	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		transportMethod	string	Transport method type. Valid values include: • TRUCK - Truck • RAIL - Shipped by train • SEA - By sea • AIR - By air • LTL - Less than truckload • AIREXPRESS - Air express • CONTAINERSEA - Container by ship • EXPEDITEDTRUCK - Faster delivery • MOTOR - Motor	-	MS304	-
		city	string	City name for the shipment's current carrier sequence.	-	MS303	-
		state	state	Name of state or province for the shipment's current carrier sequence.	-	MS305	-
		ladingItemHandlingInformation	array	Bill of lading handling instructions for shipment. All parameters to be understood in the form of different codes used by industry.	-	Segment AT5	-
		handlingCode	string	Code specifying special transportation handling instructions. Valid Values are: • CARRIER • DANGEROUS • DOMESTIC • EXPEDITE	-	AT501 = • EP (EXPEDITE) or • DM (DOMESTIC) or • DA (DANGEROUS) or • CH (CARRIER)	-
		protectiveServiceCode	string	To specify perishable protective service - rail carriers only.	-	AT502	-
		description	string	Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate.	-	AT503	-
		temperatureScale	string	Temperature unit of measure, Valid values: • CELSIUS - Degree, Celsius • FAHRENHEIT - Degree, Fahrenheit • KELVIN - Degree Celsius per kelvin	-	AT504 = • CE (CELSIUS) or • JE (KELVIN)	-
		minTemperatureValue	Number	-	-	AT505	-
		maxTemperatureValue	Number	It describes maximum temperature.	-	AT506	-
		mpcCurrency	-	Currency for motor carrier load tender.	-	segment C3 under AT5 loop	-
		currencyCode	string	Currency Code.	-	C301	-
		exchangeRateCurrencyCode	string	Exchange Rate Currency Code.	-	-	-
		exchangeRate	string	Exchange Rate.	-	C302	-
		validityRate	string	Validity Date.	-	-	-
		currencyEntityCode	string	Currency Entity Code.	-	C303	-
		dangerousGoodsCertificateInformation	array	To specify the name of the person certifying that the shipment complies with the regulations and/or the actual certification.	-	Segment LH6	-
		certificateApproverAuthority	string	Free-form name of the person or organization approved the certificate.	-	LH601	-
		dangerousGoodsCertificateType	string	To specify the form of the hazardous certification. Valid values are: • ABBREVIATED - Abbreviated Hazardous Certification • LONGFORM - Long Form of Hazardous Certification	-	LH602 = • 1 (ABBREVIATED) or • 2 (LONGFORM)	-
		description	string	Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate.	-	LH603	-
		shipmentPallet		It specifies pallet information including quantity, exchange, and weight.	-	Segment PLD	-
		shippedPalletQuantity	Number	Number of pallets shipped.	-	PLD01	-
		palletExchangeType	string	It specifies pallet exchange instructions. Valid values include: • NOEXCHANGE - No Exchange/No Return • EXCHANGE - Exchange Pallets • RETURN - Return Pallets • TOBEPURCHASED - Pallets to be Purchased by Customer • THIRDPARTY - Third-Party Pallet Exchange	-	PLD02 = • 1 (NOEXCHANGE) or • 2 (EXCHANGE) or • 3 (RETURN) or • 4 (TOBEPURCHASED) or • 5 (THIRDPARTY)	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	PLD03 = • E (METRICTON) or • G (GRAMS) or • K (KILOGRAMS) or • L (POUNDS) or • M (MEASUREMENTTON) or • O (OUNCES) or • S (SHORTTON) or • T (LONGTON)	-
		weightType	string	Type of weight recorded in shipment. Valid values include: • GROSSWEIGHT - Gross weight • NETWEIGHT - Net Weight • SHIPPER - Shipper's weight • TARE - Tare weight	-	-	-
		weightValue	string	Weight of shipped pallet at header level.	-	PLD04	-
		loadTenderHeaderEquipmentInformation	array	Shipment equipment details.	-	Segment N7	-
		equipmentPrefix	string	Prefix or alphabetic part of an equipment unit's identifying number.	-	N701	-
		equipmentIdentifier	string	Sequencing or serial part of an equipment unit's identifying number.	-	N702	-
		carrierCode	string	Carrier code for shipper.	-	N712	-
		shipmentFlashPoint	string	Free-form abbreviation of temperature range or flash-point temperature.	-	N713	-
		equipmentType	string	Type of equipment used in delivery. Valid values include: • CONTAINER • RAILCAR • TRAILER • SHIP • AIRCRAFT • TRUCK	-	N711 = • AP (AIRCRAFT) or • CN (CONTAINER) or • RR (RAILCAR) or • TL (TRAILER) or • VT (SHIP) or • TO (TRUCK)	-
		equipmentTypeISOCode	string	Equipment type ISO code.	-	-	-
		checkDigitIdentifier	number	Equipment check digit number, (Container check digit number).	-	N718	-
		weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	N717 = • E (METRICTON) or • G (GRAMS) or • K (KILOGRAMS) or • L (POUNDS) or • M (MEASUREMENTTON) or • O (OUNCES) or • S (SHORTTON) or • T (LONGTON)	-
		weightType	string	Type of weight recorded in shipment. Valid values include: • GROSSWEIGHT - Gross weight • NETWEIGHT - Net Weight • SHIPPER - Shipper's weight • TARE - Tare weight	-	N704	-
		weightValue	string	Weight of product at delivery header level	-	N703 in all other cases. N705 where weightType = TARE	-
		tareType	string	Tare Qualifier Code • ACTUAL - Actual tare • MARKED - Marked tare	-	N716 = • A (ACTUAL) Or • M (MARKED)	-
		tareWeight	number	Tare weight of equipment	-	N705	-
		volumeType	string	Type of volume recorded. Valid values include: • BARGE - Volume of barge • CONTAINER - Volume of container • CUBICCENTIMETERS - Cubic centimeters • CUBICDECIMETERS - Cubic decimeters	-	N709	-
		volumeValue	Number	Vessel volume for type.	-	N708	-
		equipmentDimensions	array	Dimensions of freight.	-	Segment N7	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			dimensionsType	string	Type of dimensions recorded for freight. Valid values include: • LENGTH • WIDTH • HEIGHT	-	-	-
			dimensionsValue	Number	Volume for item in inches.	-	N715 where dimensionsType = LENGTH N720 where dimensionsType = HEIGHT N721 where dimensionsType = WIDTH	-
			unitOfMeasure	string	Dimension unit of measure for parent packaging.	-	-	-
			itemQuantity	array	Equipment quantity.	-	-	-
			quantityType	string	Type of quantity recorded. Valid values: No sample data available.	-	-	-
			quantityValue	number	Quantity of product in shipment.	-	-	-
			unitOfMeasure	string	Unit or Basis for Measurement Code. Unit of entry UOM's include: UN - Unit.	-	-	-
			equipmentSealNumbers	array	Shipment carrying equipments seal numbers.	-	Segment M7 (under N7 loop)	-
			sealNumber	string	Applied seal number for shipment carrying equipment.	-	M701, M702, M703, M704	-
			sealAppliedEntityType	string	Seal applied entity type code, it could be an organization or location or an individual. Valid values include: • CARRIER - Carrier applied seal number • SHIPPER - Shipper applied seal number • CUSTOMS - Customs department applied seal number • TERMINALOPERATOR - Terminal operator applied seal number	-	M705 = • CA (CARRIER) Or • SH (SHIPPER) Or • CM (CUSTOMS) Or • T6 (TERMINALOPERATOR)	-
			shipmentMeasurements		Specifies physical measurements for shipment, including weights, dimensions, tolerances, variances, and weights.	-	segment MEA in N7 loop	-
			measurementCategory	string	Broad category of measurement to which measurement type belongs to or applies. Valid values include: • ACTUALTOTAL - Total market sales • MARKETSHARE - Penetration of apex sales	-	MEA01 = • AF (ACTUALTOTAL) or • AK (MARKETSHARE)	-
			measurementType	string	Code identifying a measurement type for a measurement value. Valid values include: • WEIGHT - Weight • CELSIUS - Celsius • FREEZINGPOINT - Freezing Point	-	MEA02 = • WT (WEIGHT) or • VOL (VOLUME) or • LN (LENGTH) or • WD (WIDTH) or • HT (HEIGHT) or • DP (DEPTH) or • CC (CELSIUS) or • FG (FREEZINGPOINT)	-
			measurementValue	string	The value of the measurement.	-	MEA03	-
			unitOfMeasure	string	Unit of measure for the measurement type and value recorded. Valid values include: • CUBICFEET - Cubic feet • KILOGRAM - Kilogram • POUND - Pounds • CUBICMETER - Cubic meters • PACKS - No of packs	-	MEA04	-
			measuredType	string	Code identifying a measured type for a measured value. Valid values include: • SHIPPEDQUANTITY - Shipped quantity • GROSSVOLUME - Gross volume • EQUIPMENTGROSSWEIGHT - Transport equipment gross weight • GROSSWEIGHT - Weight (mass) of goods including packing but excluding the carrier's equipment.	-		-
			partnerEntityBusinessInformation	array	Partner Entity group location identifiers and address information.	-	N1	-
			partnerEntityType	string	Explains the type of the partner entity involved in this business transaction. Valid values include: • SUPPLIER - Supplier • CUSTOMER - Buyer • SHIPPER - Shipper • CARRIER - Carrier • FREIGHTFORWARDER - Freight forwarder	-	N101	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		businessName	string	Business name for partner or location.	-	N102	-
		additionalBusinessName	string	Additional Business name for partner or location.	-	-	-
		companyLocationPartnerName	string	Additional Location of same Business partner.	-	-	-
		mpcCompanyLocationIdentifierList	array	Identifier list for business party.	-	-	-
		isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	-	-	-
		companyIdentifierType	string	Company identifier type for business partner.	-	N103 = 1 (DUNS) or N103 = 9 (DUNS4) or N103 = 11 (DEA) or N103 = 21 (HIN) or N103 = 91 (COMPANYID) or N103 = 92 (COMPANYSITEID) or N103 = UL (GLN) N103 = 93 (TRANSACTION_SET_SENDER) or N103 = 94 (TRANSACTION_SET_RECEIVER) or N103 = FA (FACILITY_IDENTIFIER) or N103 = 20 (STANDARD_POINT_LOCATION_CODE) or N103 = ZZ (CUSTOM) N103 = 97 (RECEIVER CODE)	-
		companyIdentifierValue	string	Company identifier value for business partner.	-	N104	-
		alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	-	-	-
		address	-	Party address information.	-	N3, N4,	-
		address1	string	Main street address.	-	N301	-
		address2	string	Supplemental street address.	-	N302	-
		city	string	City	-	N401	-
		district	string	District	-	-	-
		state	string	State or region code.	-	N402	-
		postalCode	string	Postal code	-	N403	-
		country	string	Country code	-	N404	-
		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	-	-	-	N1- G61	-
		contactType	string	Contact type. Valid values include: • INFORMATION - Information contact • FORWARDER - Forwarder contact • SHIPPER - Shipper Contact • WAREHOUSE - Warehouse. • THIRDPARTY - Third-party Administrator (TPA) Contact • TECHNICIAN - Service Technician • REQUESTOR - Requestor • TENDER - Tender • BILLINQUIRY - Bill Inquiry Contact SENDER - Message sender contact	-	G6101 = • IC (INFORMATION) or • FW (FORWARDER) or • SH (SHIPPER) or • WH (WAREHOUSE) or • 1D (THIRDPARTY) or • RQ (REQUESTOR) or • ST (TECHNICIAN) or • TD (TENDER) or • BI (BILLINQUIRY)	-
		contactName	string	Contact name.	-	G6102	-
		contactTitle	string	Title of contact.	-	-	-
		contactPhone	string	Contact phone number.	-	G6104 where G6103 = "TE"	-
		contactEmail	string	Contact email address.	-	G6104 where G6103 = "EM"	-
		mpcAdditionalAddressInformation		Additional address information that is not included in addressTypeDefinition.	-	-	-
		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.	-	-	-
		referenceIdentifier	string	Partner reference identifier.	-	-	-
		orderType	string	Order Type.	-	-	-
		address3	string	Additional address information that is not included in addressTypeDefinition.	-	-	-
		postalArea	string	Postal Area.	-	-	-
		timeZone	string	Time zone for referenced dates.	-	-	-
		telephone	string	Telephone Number.	-	-	-
		emailAddress	string	Email Address.	-	-	-
		vatRegistrationNumber	string	Vat Registration Number.	-	-	-
		taxExemptCode	string	Tax exempt Code.	-	-	-
		locationType	string	Business Partner Location Type.	-	-	-
		locationIdentifier	string	Business Partner location Identifier.	-	-	-
		countrySubDivisionCode	string	Describes the country subdivision.	-	-	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		transactionReferenceInformation		array	Reference information for identifiers that are not related to transaction documents. This group would map to X12 segments REF, L11 and N9 and EDIFACT RFF for information other than transaction documents.	-	Segment L11 under n1 Loop	-
			transactionReferenceType	string	Transaction reference type for X12 segments REF, L11 and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: • BOOKINGIDENTIFIER - Booking confirmation number • FORWARDERREFERENCE - Freight forwarder reference identifier • OCEANCONTAINERIDENTIFIER - Ocean container number • TRANSACTIONTYPE - Transaction type • CARRIERASSIGNEDSHIPPERIDENTIFIER - Carrier assigned shipment identifier. • PICKUPIDENTIFIER - Pickup reference number • LETTEROFCREDIT - Letter of credit number	-	L1102 = • BN (BOOKINGIDENTIFIER) • FN (FORWARDERREFERENCE) Or • OC (OCEANCONTAINERIDENTIFIER) Or • 8X (TRANSACTIONTYPE)	-
			transactionReferenceIdentifier	string	Transaction reference identifier value.	-	L1101	-
			description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	-	L1103	-
			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.	-	L1104	-
			epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
		mpcDates			Dates relevant for Motor carrier load tender at header.	-	-	-
			dateType	string	Date type at header level for shipping instructions in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: • ISSUE - Letter of credit issue date • EXPIRATION - Letter of credit expiration date • VESSELLOADED - Actual cargo loaded on vessel • DOCUMENT - Document date	-	-	-
			dateValue	string	Date defined by referenced date type in date format YYYY-MM-DD. Transform will pass thru whatever it finds in IDoc date and time fields.	-	-	-
			epochDateValue	integer	Date defined by referenced date type generated in epoch integer date format.	-	-	-
			dateTimePeriodFormat	string	Code specifying representation of date or time or format presented in date value, Valid values include: • CCYYMMDD - Date format century year month day, 2 characters each • CCYYMDDHHMM - Date format century year month day hour minutes, 2 characters each	-	-	-
			timeZone	string	Time zone for referenced dates	-	-	-
		freeTextNote		array	Ship to party company identifiers and address information.	-	Segment NTE	-
			textReferenceCode	string	Text reference or subject code.	-	NTE01	-
			textFunctionCode	string	Text function code.	-	-	-
			language	string	Language of free text.	-	-	-
			textFormatCode	string	Format code for free text.	-	-	-
			freeFormText	string	Free text string.	-	NTE02	-
		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.	-	-	-
		canonicalMotorCarrierLoadTenderItemDetails		array	Line item details for motor carrier load tender.	-	Line item Details for motor carrier load tender	-
			lineItemNumber	string	Motor carrier load tender transaction set line number.	-	LX01	-
			shipmentDimensions	array	Dimensions of freight.	-	Segment LX - L4	-
			dimensionsType	string	Type of dimensions recorded for freight. Valid values include: • LENGTH • WIDTH • HEIGHT	-	-	-
			dimensionsValue	Number	Volume for item in inches.	-	L401, when dimensionsType = LENGTH L402, when dimensionsType = WIDTH L403, when dimensionsType = HEIGHT	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		shipmentDimensionsUnitType	string	Dimensions unit for shipment to be booked. Valid Values are: • INCHES - Inches • FEET - Feet • METER - Meters • CENTIMETER - Centimeters	-	L404 = • N (INCHES) or • C (CENTIMETER) or • X (METER) or • E(FEET)	-
		dimensionsQuantity	number	Quantity of dimensions in shipment booking.	-	L405	-
	logistics	StopPointInformation	array	To understand specific reason behind Motor carrier stop-off detail, their reference numbers and stop reason.	-	S5 loop starts	-
		stopPointSequenceCode	string	Code identifying sequence of carriers stop in shipment, beginning with the original carrier. It identifies number for the specific stop and the sequence in which the stop is to be performed. Valid values include: • ORIGINAL - Original carrier • FIRST - First carrier after original • SECOND - Second carrier after original • THIRD - Third carrier after original • FOURTH - Fourth carrier after original • FIFTH - Fifth carrier after original	-	S501 It is a incremental value based on different stop point. • ORIGINAL - 0 • FIRST - 1 • SECOND - 2 • THIRD - 3 • FOURTH - 4	-
		stopReasonCode	string	Code identifying the reason of a carriers at stop point. Valid values include: • COMPLETE - Complete • COMPLETEUNLOAD - Complete unload • CONSOLIDATE - Consolidate • LOAD - Load • PARTLOAD - Part Load • PARTUNLOAD - Part Unload • UNLOAD - Unload • INSPECTION - Inspection • LOADEXCHANGE - Load Exchange • ADVANCELOADING - Advance Loading • DERAMP - Deramp and Ramp for Subsequent Loading • DROPTRAILER - Drop Trailer • HEATSHIPMENT - Heat the Shipment • PICKUP - Pick-up Pre-loaded Equipment • TRAILERRETRIEVAL - Retrieval of Trailer • LOADSPOT - Spot for Load • UNLOADSPOT - Spot for Unload • TRANSLOAD - Transload	-	S502= • CL (COMPLETE) or • CU (COMPLETEUNLOAD) or • CN (CONSOLIDATE) or • LD (LOAD) or • PL (PARTLOAD) or • PU (PARTUNLOAD) or • IN (INSPECTION) or • UL (UNLOAD) or • LE (LOADEXCHANGE) or • AL (ADVANCELOADING) or • DR (DERAMP) or • DT (DROPTRAILER) or • HT (HEATSHIPMENT) or • PA (PICKUP) or • RT (TRAILERRETRIEVAL) or • SL (LOADSPOT) or • SU (UNLOADSPOT) or • TL (TRANSLOAD)	-
		quantityType	string	Type of quantity recorded. Valid value UNIT.	-		-
		quantityValue	string	Quantity of product at delivery header level.	-	S505 where quantityType = UNIT	-
		quantityUOM	string	Quantity unit of measure in master data for product.	-	S506	-
		weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	S504 = • E (METRICTON) or • G (GRAMS) or • K (KILOGRAMS) or • L (POUNDS) or • M (MEASUREMNTTON) or • O (OUNCES) or • S (SHORTTON) or • T (LONGTON)	-
		weightValue	string	Weight of product at delivery header level.	-	S503	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		volumeType	string	Type of weight recorded. Valid values include: • BARGE - Barge • CUBICCENTIMETERS - Cubic centimeters • CUBICFEET - Cubic feet • CUBICINCHES - Cubic inches • CUBICMETERS - Cubic meters • GALLONS - Gallons • LITER - Liter • LOADING - Total volume of load	-	S508 = • G (GALLONS) or • B (BARGE) or • C (CUBICCENTIMETERS) or • V (LITER) or • L (LOAD)	-
		volumeValue	Number	Volume for delivery.	-	S507	-
		description	string	A free-form description to clarify the related data elements and their content.	-	S509	-
		actionStatus	boolean	To indicate the status of a specified stop. Valid values: • TRUE - Indicating the status of a specified stop • FALSE - Pending	-	S511 = • A (TRUE) • P (PENDING)	-
		transactionReferenceIdentifierList	array	List of documents and transactions at the header level of the message.	-	Segment L11 under S5 loop	-
		b2bTransactionIdentifierType	-	Transaction reference type for X12 segments REF, L11 and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: • PURCHASEORDER - Purchase Order Number • SUPPLIERORDER - Vendor order number • MASTERBOL - Master BOL	-	L1102 = • PO (PURCHASEORDER) Or • VN (SUPPLIERORDER) Or • MB (MASTERBOL)	-
		b2bTransactionIdentifierValue	string	Transaction reference identifier value.	-	L1101	-
		transactionDate	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.	-	L1104	-
		epochTransactionDate	string	Transaction reference date and time, if time available, in epoch date format.	-	-	-
		lineItemNumber	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
		transactionReferenceInformation	array	Reference information for identifiers that are not related to transaction documents. This group would map to X12 segments REF, L11 and N9 and EDIFACT RFF for information other than transaction documents.	-	Segment L11 under S5 loop	-
		transactionReferenceType	string	Transaction reference type for X12 segments REF, L11 and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: • BOOKINGIDENTIFIER - Booking confirmation number • FORWARDERREFERENCE - Freight forwarder reference identifier	-	L1102 = • BN (BOOKINGIDENTIFIER) • FN (FORWARDERREFERENCE)	-
		transactionReferenceIdentifier	string	Transaction reference identifier value.	-	L1101	-
		description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	-	L1103	-
		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.	-	L1104	-
		epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
		mpcDates	array	Dates relevant for Motor carrier load tender at header.	-	Segment S5 - G62	-
		dateType	string	Date type at header level for shipping instructions in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: • ISSUE - Letter of credit issue date • EXPIRATION - Letter of credit expiration date • VESSELLOADED - Actual cargo loaded on vessel • DOCUMENT - Document date	-	G6201	-
		dateValue	string	Date defined by referenced date type in date format YYYY-MM-DD. Transform will pass thru whatever it finds in IDoc date and time fields.	-	G6202	-
		epochDateValue	integer	Date defined by referenced date type generated in epoch integer date format.	-	-	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			eventTimeType	string	Date type at header level for shipping instructions in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: • ISSUE - Letter of credit issue date • EXPIRATION - Letter of credit expiration date • VESSELLOADED - Actual cargo loaded on vessel • DOCUMENT - Document date	-	G6201	-
			dateTimePeriodFormat	string	Code specifying representation of date or time or format presented in date value. Valid values include: • CCYYMMDD - Date format century year month day, 2 characters each • CCYYMDDHHMM - Date format century year month day hour minutes, 2 characters each	-	-	-
			timeZone	string	Time zone for referenced dates.	-	G6205	-
			shipmentMeasurements		Consolidated segment with weights, quantities and volume for the shipment.	-	Segment S5 - AT8	-
			weightType	string	Type of weight recorded in shipment. Valid values include: • GROSSWEIGHT • NETWEIGHT • BILLED - Billed weight • LEGAL - Legal weight • EXCESS - Excel weight over maximum • SHIPPER - Shipper's weight • AVERAGE - Average weight • FREIGHT - Freight weight	-	AT801	-
			weightValue	string	Weight of product at delivery header level.	-	AT803	-
			weightUOM	string	Weight unit of measure in master data for product. Valid value LB - KG.	-	-	-
			weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	AT802	-
			quantityType	string	Type of quantity recorded. Valid value • LADING • PACKAGED	-	-	-
			quantityValue	string	Quantity of product at delivery header level.	-	AT804 where quantityType = LADING	-
			quantityUOM	string	Quantity unit of measure in master data for product.	-	-	-
			volumeType	string	Type of weight recorded. Valid values include: • CONTAINER - Volume of container • CUBICCENTIMETERS - Cubic centimeters • CUBICFEET - Cubic feet • CUBICINCHES - Cubic inches • CUBICMETERS - Cubic meters • GALLONS - Gallons • LITER - Liter • LOADING - Total volume of load	-	AT806	-
			volumeValue	string	Volume for delivery.	-	AT807	-
			volumeUOM	string	Volume unit of measure.	-	-	-
			ladingQuantity	Number	It describes the quantity of handling units that are unitized.	-	AT805	-
			additionalLadingItemInformation	array	To record or transmit detailed lading data pertinent to a pickup or delivery.	-	Segment S5 - LAD	-
			packagingFormatCode	string	Packing form of lading quantity.	-	LAD01	-
			ladingQuantity	Number	Number of units (pieces) of the lading commodity.	-	LAD02	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	LAD05	-
			weightValue	string	Weight of product at line item level.	-	LAD06	-
			shipmentUnitWeight	string	Unit weight of shipment at line item level.	-	LAD04	-
			description	string	Description of an item as required for rating and billing purposes.	-	LAD13	-
			weightType	string	Weight type for inner containers or bundles, or the number of eaches if there are no inner containers or bundles, per outer container.	-	-	-
			ladingItemCodeIdentifiers	array	Product code identifiers for all other product types.	-	Product code qualifier followed by identifiers are represented in pairs from LAD07 & LAD08 through LAD11 & LAD12.. If qualifier is present, then identifier is required.	-
			productCodeType	String	Code to qualify product identifier type: • VENDOR • GTIN14 • CUSTOMER • MANUFACTURER • PURCHASERITEM	-	LAD07 = • VN - SUPPLIER • VC - VENDOR • UK - GTIN14 • PI - CUSTOMER • N4 - US_NDC542 • FV - CA_DIN • UP - UPC • MF or MG - MANUFACTURER • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • SK - SKU BP or • IN - BUYER	-
			productCodeValue	string	Product code identifier value.	-	LAD08	-
			ladingItemHandlingInformation	array	Bill of lading handling instructions for shipment. All parameters to be understood in the form of different codes used by industry.	-	Segment S5 - AT5	-
			handlingCode	string	Code specifying special transportation handling instructions. Valid Values are: • CARRIER • DANGEROUS • DOMESTIC • EXPEDITE	-	AT501 = • EP (EXPEDITE) or • DM (DOMESTIC) or • DA (DANGEROUS) or • CH (CARRIER)	-
			protectiveServiceCode	string	To specify perishable protective service - rail carriers only.	-	AT502	-
			description	string	Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate.	-	AT503	-
			temperatureScale	string	Temperature unit of measure. Valid values: • CELSIUS - Degree, Celsius • FAHRENHEIT - Degree, Fahrenheit • KELVIN - Degree Celsius per kelvin	-	AT504 = • CE (CELSIUS) or • JE (KELVIN)	-
			minTemperatureValue	Number	It describes minimum temperature.	-	AT505	-
			maxTemperatureValue	Number	It describes maximum temperature.	-	AT506	-
			shipmentPallet		It specifies pallet information including quantity, exchange, and weight.	-	Segment S5 - PLD	-
			shippedPalletQuantity	Number	Number of pallets shipped.	-	PLD01	-
			palletExchangeType	string	It specifies pallet exchange instructions. Valid values include: • NOEXCHANGE - No Exchange/No Return • EXCHANGE - Exchange Pallets • RETURN - Return Pallets • TOBEPURCHASED - Pallets to be Purchased by Customer • THIRDPARTY - Third-Party Pallet Exchange	-	PLD02 = • 1 (NOEXCHANGE) or • 2 (EXCHANGE) or • 3 (RETURN) or • 4 (TOBEPURCHASED) or • 5 (THIRDPARTY)	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	PLD03 = • E (METRICTON) or • G (GRAMS) or • K (KILOGRAMS) or • L (POUNDS) or • M (MEASUREMENTTON) or • O (OUNCES) or • S (SHORTTON) or • T (LONGTON)	-
			weightType	string	Type of weight recorded in shipment. Valid values include: • GROSSWEIGHT - Gross weight • NETWEIGHT - Net Weight • SHIPPER - Shipper's weight • TARE - Tare weight	-	-	-
			weightValue	string	Weight of shipped pallet at header level	-	PLD04	-
			partnerEntityBusinessInformation	-	Partner Entity group location identifiers and address information.	-	N1 under S5 loop	-
			partnerEntityType	string	Explains the type of the partner entity involved in this business transaction. Valid values include: • SUPPLIER - Supplier • CUSTOMER - Buyer • SHIPPER - Shipper • CARRIER - Carrier • FREIGHTFORWARDER - Freight forwarder	-	N101	-
			businessName	string	Business name for partner or location.	-	N102	-
			additionalBusinessName	string	Additional Business name for partner or location.	-	-	-
			companyLocationPartnerName	string	Additional Location of same Business partner.	-	-	-
			mpcCompanyLocationIdentifierList	array	Identifier list for business party.	-	-	-
			isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	-	-	-
			companyIdentifierType	string	Company identifier type for business partner.	-	N103 = 1 (DUNS) or N103 = 9 (DUNS4) or N103 = 11 (DEA) or N103 = 21 (HIN) or N103 = 91 (COMPANYID) or N103 = 92 (COMPANYSITEID) or N103 = UL (GLN) N103 = 93 (TRANSACTION_SET_SENDER) or N103 = 94 (TRANSACTION_SET_RECEIVER) or N103 = FA (FACILITY_IDENTIFIER) or N103 = 20 (STANDARD_POINT_LOCATION_CODE) or N103 = ZZ (CUSTOM)	-
			companyIdentifierValue	string	Company identifier value for business partner.	-	N104	-
			alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	-	-	-
			address	-	Party address information.	-	N3, N4,	-
			address1	string	Main street address.	-	N301	-
			address2	string	Supplemental street address.	-	N302	-
			city	string	City	-	N401	-
			district	string	District	-	-	-
			state	string	State or region code	-	N402	-
			postalCode	string	Postal code	-	N403	-
			country	string	Country code	-	N404	-
			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	-	-	-	N1- G61 under S5 Loop	-
			contactType	string	Contact type. Valid values include: • INFORMATION - Information contact • FORWARDER - Forwarder contact • SENDER - Message sender contact	-	G6101 = • IC (INFORMATION) or • FW (FORWARDER) or	-
			contactName	string	Contact name.	-	G6102	-
			contactTitle	string	Title of contact.	-	-	-
			contactPhone	string	Contact phone number.	-	G6104 where G6103 = "TE"	-
			contactEmail	string	Contact email address.	-	G6104 where G6103 = "EM"	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			mpcAdditionalAddressInformation	-	Additional address information that is not included in addressTypeDefinition.	-	-	-
			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.	-	-	-
			referenceIdentifier	string	Partner reference identifier.	-	-	-
			orderType	string	Order Type.	-	-	-
			address3	string	Additional address information that is not included in addressTypeDefinition.	-	-	-
			postalArea	string	Postal Area.	-	-	-
			timeZone	string	Time zone for referenced dates.	-	-	-
			telephone	string	Telephone Number.	-	-	-
			emailAddress	string	Email Address.	-	-	-
			vatRegistrationNumber	string	Vat Registration Number.	-	-	-
			taxExemptCode	string	Tax exempt Code.	-	-	-
			locationType	string	Business Partner Location Type.	-	N405	-
			locationIdentifier	string	Business Partner location Identifier.	-	N406	-
			countrySubDivisionCode	string	Describes the country subdivision.	-	N407	-
			loadTenderItemDetails	array	Lading line item in terms of description, packaging, and marks and numbers.	-	Segment L5 under S5 loop	-
			lineItemNumber	number	Sequential line number for a lading item.	-	L501	-
			description	string	Description of an item as required for rating and billing purposes.	-	L502	-
			commodityCode	string	Describes about a commodity or group of commodities.	-	L503	-
			commoditySystemType	string	Describes the commodity coding system used for Commodity Code. Valid values included: • DUNS - Dun's SIC 2+2, Dun & Bradstreet • NDC - National Drug Code • FREIGHT - Canadian Freight • MOTORFREIGHT - Motor Freight Classification • BULK - Bulk Codes • QUOTA - Quota Category • TRADE - Standard International Trade Classification • TRANSPORTATION - Standard Transportation Commodity Code • MUTUALLYDEFINED - Mutually defined	-	L504= • 2 (DUNS) or • 5 (NDC) or • C (FREIGHT) or • N (MOTORFREIGHT) or • P (BULK) or • Q (QUOTA) or • S (TRADE) or • T (TRANSPORTATION) or • Z (MUTUALLYDEFINED)	-
			packagingFormatMaterialType	string	Code identifying type of material used. Valid values included : • ALUMINUM - Aluminum. • GLASS - Glass • PLASTIC - Plastic. • PLASTICINJECTION - A plastic formed injection	-	L505 = • 01 (ALUMINUM) Or • 43 (GLASS) Or • 79 (PLASTIC) Or • 78 (PLASTICINJECTION)	-
			packagingIdentifierType	string	Packaging identifier type. Pass thru mapping for X12.	-	L507	-
			packagingIdentifier	string	Packaging identifier value defined by the packaging type.	-	L506	-
			shipmentMeasurements	array	Consolidated segment with weights, quantities and volumes for the shipment.	-	Segment S5 - L5 - AT8	-
			weightType	string	Type of weight recorded in shipment. Valid values include: • GROSSWEIGHT • NETWEIGHT • BILLED - Billed weight • LEGAL - Legal weight • EXCESS - Excel weight over maximum • SHIPPER - Shipper's weight • AVERAGE - Average weight • FREIGHT - Freight weight	-	AT801	-
			weightValue	string	Weight of product at delivery header level.	-	AT803	-
			weightUOM	string	Weight unit of measure in master data for product. Valid values LB - KG.	-	-	-

Canonical Element					Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
				weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	AT802	-
				quantityType	string	Type of quantity recorded. Valid value: • LADING • PACKAGED	-	-	-
				quantityValue	string	Quantity of product at delivery header level.	-	AT804 where quantityType = LADING	-
				quantityUOM	string	Quantity unit of measure in master data for product.	-	-	-
				volumeType	string	Type of weight recorded. Valid values include: • CONTAINER - Volume of container • CUBICCENTIMETERS - Cubic centimeters • CUBICFEET - Cubic feet • CUBICINCHES - Cubic inches • CUBICMETERS - Cubic meters • GALLONS - Gallons • LITER - Liter • LOADING - Total volume of load	-	AT806	-
				volumeValue	string	Volume for delivery.	-	AT807	-
				volumeUOM	string	Volume unit of measure.	-	-	-
				ladingQuantity	Number	It describes the quantity of handling units that are unitized.	-	AT805	-
				shipmentDimensions	array	Dimensions of freight.	-	Segment S5 - L5 - L4	-
				dimensionsType	string	Type of dimensions recorded for freight. Valid values include: • LENGTH • WIDTH • HEIGHT	-	-	-
				dimensionsValue	Number	Volume for item in inches.	-	L401, when dimensionsType = LENGTH L402, when dimensionsType = WIDTH L403, when dimensionsType = HEIGHT	-
				shipmentDimensionsUnitType	string	Dimensions unit for shipment to be booked. Valid Values are: • INCHES - Inches • FEET - Feet • METER - Meters • CENTIMETER - Centimeters	-	L404 = • N (INCHES) or • C (CENTIMETER) or • X (METER) or • E (FEET)	-
				dimensionsQuantity	number	Quantity of dimensions in shipment booking.	-	L405	-
				ladingItemDangerousGoodsContactInformation	array	Lading item information with party contact, document reference and dangerous goods information.	-	Segment S5 - L5 - G61	-
				contactType	string	Contact type. Valid values include: • INFORMATION - Information contact • FORWARDER - Forwarder contact • SENDER - Message sender contact	-	G6101 = • IC (INFORMATION) or • FW (FORWARDER)	-
				contactName	string	Contact name.	-	G6102	-
				contactTitle	string	Title of contact.	-	-	-
				contactPhone	string	Contact phone number	-	G6104 where G6103 = "TE"	-
				contactEmail	string	Contact email address	-	G6104 where G6103 = "EM"	-
				transactionReferencelIdentifierList	array	List of documents and transactions at the header level of the message	-	Segment S5 - L5 - G61 - L11	-
				b2bTransactionIdentifierType	-	Transaction reference type for X12 segments REF, L11 and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: • PURCHASEORDER - Purchase Order Number • SUPPLIERORDER - Vendor order number • MASTERBOL - Master BOL	-	L1102 = • PO (PURCHASEORDER) Or • VN (SUPPLIERORDER) Or • MB (MASTERBOL)	-
				b2bTransactionIdentifierValue	string	Transaction reference identifier value.	-	L1101	-
				transactionDate	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.	-	L1104	-
				epochTransactionDate	string	Transaction reference date and time, if time available, in epoch date format.	-	-	-

Canonical Element					Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
				lineItemNumber	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
				transactionReferenceInformation	array	Reference information for identifiers that are not related to transaction documents. This group would map to X12 segments REF, L11 and N9 and EDIFACT RFF for information other than transaction documents.	-	Segment S5 - L5 - G61 - L11	-
				transactionReferenceType	string	Transaction reference type for X12 segments REF, L11 and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: • BOOKINGIDENTIFIER - Booking confirmation number • FORWARDERREFERENCE - Freight forwarder reference identifier	-	L1102 = • BN (BOOKINGIDENTIFIER) • FN (FORWARDERREFERENCE)	-
				transactionReferenceIdentifier	string	Transaction reference identifier value.	-	L1101	-
				description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	-	L1103	-
				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.	-	L1104	-
				epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
				dangerousGoodsCertificateInformation	array	To specify the name of the person certifying that the shipment complies with the regulations and/or the actual certification.	-	Segment S5 - L5 - G61 - LH6	-
				certificateApproverAuthority	string	Free-form name of the person or organization approved the certificate.	-	LH601	-
				dangerousGoodsCertificateType	string	To specify the form of the hazardous certification. Valid values are: • ABBREVIATED - Abbreviated Hazardous Certification • LONGFORM - Long Form of Hazardous Certification	-	LH602 = • 1 (ABBREVIATED) or • 2 (LONGFORM)	-
				description	string	Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate.	-	LH603	-
				dangerousGoodsIdentifiers	array	It describes the hazardous commodity identification reference number and quantity.	-	Segment S5 - L5 - G61 - LH1 Loop	-
				lineItemNumber	number	Sequential line number for a lading item.	-	-	-
				unitOfMeasure	string	Unit of measure for dangerous goods identification.	-	LH101	-
				ladingQuantity	Number	Number of units (pieces) of the lading commodity.	-	LH102	-
				hazardousMaterialIndex	string	The United Nations page number as required for the international transport of hazardous materials.	-	LH104	-
				hazardousGoodsCommodityCode	string	Code describing a commodity or group of commodities.	-	LH105	-
				dangerousGoodsQuantityValue	number	Quantity of product at line item level for dangerous goods.	-	LH107	-
				residueIndicatorType	string	Types of residue indicator. Valid values: • CONTAINMENT - Residue Last Contained Description (Small Means of Containment) • PACKAGES - Residue Last Contained Description (Packages) • RAILCAR - Residue Last Contained Description (Rail Car)	-	LH109 = • G (CONTAINMENT) or • P (PACKAGES) or • R (RAILCAR)	-
				packagingGroup	string	Dangerous goods packaging group in terms of Roman number I, II or III.	-	LH110	-
				dangerousMaterialRegulatoryIdentifier	string	Identifies the current regulatory version number used for hazardous materials shipments.	-	LH111	-
				dangerousGoodsEndorsementInformation	array	LH2 segment describes about hazardous material notation and endorsement.	-	Segment S5 - L5 - G61 - LH1 Loop - LH2	-
				dangerousGoodsClassCode	string	Dangerous goods identifier.	-	LH201	-
				dangerousGoodsClassification	string	Describes the hazardous material class. Valid Values : • PRIMARY - Primary Goods • SECONDARY - Secondary Goods	-	LH202 = • P (PRIMARY) or • S (SECONDARY)	-
				reportableSubstanceQuantityCode	string	To capture the presence of hazardous substance quantity code for quick action in case of emergency.	-	LH205	-
				unitOfMeasure	string	Unit of measure for dangerous goods identification.	-	LH206	-
				shipmentFlashPoint	string	Indicating the flashpoint of the goods, expressed in the unit of measure defined for temperature. Applicable only for dangerous goods of type "IMDG."	-	LH207	-
				shipmentControlTemperature	string	Indicating the controlled temperature of the goods, expressed in the unit of measure defined for temperature. Applicable only for dangerous goods of type "IMDG."	-	LH209	-

Canonical Element					Type Definition	Description	IDoc mapping	X12 mapping	EDI/FACT mapping
				shipmentEmergencyTemperature	string	Indicating the maximum emergency temperature of the goods, expressed in the unit of measure defined for temperature. Applicable only for dangerous goods of type "IMDG."	-	LH211	-
				weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	LH212 = • E (METRICTON) or • G (GRAMS) or • K (KILOGRAMS) or • L (POUNDS) or • M (MEASUREMENTTON) or • O (OUNCES) or • S (SHORTTON) or • T (LONGTON)	-
				explosiveWeight	Number	Net weight of the explosive quantity of the hazardous commodity.	-	LH213	-
				additionalDangerousGoodsInformation	array	Additional Dangerous Goods information to be considered while specifying shipment instructions.	-	Segment S5 - L5 - G61 - LH1 Loop - LH3	-
				additionalDangerousGoodsDescription	string	Material name, special instructions, and phone number if any.	-	LH301	-
				additionalDangerousGoodsClassification	string	Free-form description of hazardous material classification or division or label requirements.	-	LH302	-
				dangerousGoodsRegulatedIdentifiers	array	To uniquely identify the variable information required by government regulation covering the transportation of hazardous material shipments.	-	Segment S5 - L5 - G61 - LH1 Loop - LFH	-
				hazardMaterialInformationType	string	Type of shipment description recorded. Valid value: • POISONINHALATION - "Poison - Inhalation Hazard" Declaration • HAZARDOUSSUBSTANCES - Hazardous Substance Constituents • ADDITIONALINFORMATION - Additional Descriptive Information (Not Required by Regulation but Desired to Accompany the Movement by the Shipper)	-	LFH01 = • PIH (POISONINHALATION) or • HZC (HAZARDOUSSUBSTANCES) or • ADI (ADDITIONALINFORMATION)	-
				description	string	Specific information required by law for hazardous material shipments.	-	LFH02 + LFH03	-
				shipmentPurchaseOrderDetail	array	Details about the shipment purchase order. Can be used to show order level delivery status.	-	Segment OID under S5 Loop	-
				purchaseOrderNumber	string	Purchase order number for shipment.	-	OID02	-
				transactionReferenceIdentifier	string	Additional transaction reference identifier for the shipment purchase order.	-	OID01	-
				shipmentApplicationErrorCode	string	Error code for purchase order shipment.	-	OID10	-
				packagingFormatCode	string	Packing form of lading quantity.	-	OID04	-
				orderQuantity	integer	Number of units (pieces) of the lading/exception quantity.	-	If OID04 present map to/from OID05 If OID12 present map from/to OID13	-
				weightValue	string	Weight recorded in the order.	-	OID07	-
				weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	OID06 = • E (METRICTON) or • G (GRAMS) or • K (KILOGRAMS) or • L (POUNDS) or • M (MEASUREMENTTON) or • O (OUNCES) or • S (SHORTTON) or • T (LONGTON)	-
				volumeType	string	Type of weight recorded. Valid values include: • CONTAINER - Volume of container • CUBICCENTIMETERS - Cubic centimeters • CUBICFEET - Cubic feet • CUBICINCHES - Cubic inches • CUBICMETERS - Cubic meters • GALLONS - Gallons • LITER - Liter • LOADING - Total volume of load	-	OID08 = • B (BARGE) or • C (CUBICCENTIMETERS) or • E (CUBICFEET) or • G (GALLONS) or • L (LOADING) or • M (CUBICDECIMETERS) or • N (CUBICINCHES) or • T (CONTAINER) or • V (LITER) or • X (CUBICMETERS)	-
				volumeValue	Number	Volume recorded in shipment purchase order.	-	OID09	-
				loadTenderItemEquipmentInformation	array	Shipment equipment details	-	Segment N7 under S5 Loop	-
				equipmentPrefix	string	Prefix or alphabetic part of an equipment unit's identifying number.	-	N701	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			equipmentIdentifier	string	Sequencing or serial part of an equipment unit's identifying number.	-	N702	-
			carrierCode	string	Carrier code for shipper.	-	N712	-
			shipmentFlashPoint	string	Free-form abbreviation of temperature range or flash-point temperature.	-	N713	-
			equipmentType	string	Type of equipment used in delivery. Valid values: • CONTAINER • RAILCAR • TRAILER • SHIP • AIRCRAFT • TRUCK	-	N711 = • AP (AIRCRAFT) or • CN (CONTAINER) or • RR (RAILCAR) or • TL (TRAILER) or • VT (SHIP) or • TO (TRUCK)	-
			equipmentTypeISOCode	string	Equipment type ISO code.	-	-	-
			checkDigitIdentifier	number	Equipment check digit number, (Container check digit number).	-	N718	-
			weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	N717 = • E (METRICTON) or • G (GRAMS) or • K (KILOGRAMS) or • L (POUNDS) or • M (MEASUREMENTTON) or • O (OUNCES) or • S (SHORTTON) or • T (LONGTON)	-
			weightType	string	Type of weight recorded in shipment. Valid values include: • GROSSWEIGHT - Gross weight • NETWEIGHT - Net Weight • SHIPPER - Shipper's weight • TARE - Tare weight	-	N704	-
			weightValue	string	Weight of product at delivery header level.	-	N703 in all other cases. N705 where weightType = TARE	-
			tareType	string	Tare Qualifier Code. • ACTUAL - Actual tare • MARKED - Marked tare	-	N716 = A (ACTUAL) Or M (MARKED)	-
			tareWeight	number	Tare weight of equipment.	-	N705	-
			volumeType	string	Type of volume recorded. Valid values include: • BARGE - Volume of barge • CONTAINER - Volume of container • CUBICCENTIMETERS - Cubic centimeters • CUBICDECIMETERS - Cubic decimeters	-	N709	-
			volumeValue	Number	Vessel volume for type.	-	N708	-
			equipmentDimensions	array	Dimensions of freight.	-	Segment N7	-
			dimensionsType	string	Type of dimensions recorded for freight. Valid values include: • LENGTH • WIDTH • HEIGHT	-	-	-
			dimensionsValue	Number	Volume for item in inches.	-	N715 where dimensionsType = LENGTH N720 where dimensionsType = HEIGHT N721 where dimensionsType = WIDHT	-
			unitOfMeasure	string	Dimension unit of measure for parent packaging.	-	-	-
			itemQuantity	array	Equipment quantity.	-	-	-
			quantityType	string	Type of quantity recorded.	-	-	-
			quantityValue	number	Quantity of product in shipment.	-	-	-
			unitOfMeasure	string	Unit or Basis for Measurement Code. Unit of entry UOM's include UN - Unit.	-	-	-
			equipmentSealNumbers	array	Shipment carrying equipments seal numbers.	-	Segment S5 - N7 - M7	-
			sealNumber	string	Applied seal number for shipment carrying equipment.	-	M701, M702, M703, M704	-
			sealAppliedEntityType	string	Seal applied entity type code, it could be an organization or location or an individual. Valid values include: • CARRIER - Carrier applied seal number • SHIPPER - Shipper applied seal number • CUSTOMS - Customs department applied seal number • TERMINALOPERATOR - Terminal operator applied seal number	-	M705 = • CA (CARRIER) Or • SH (SHIPPER) Or • CM (CUSTOMS) Or • T6 (TERMINALOPERATOR)	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			shipmentMeasurements	-	Specifies physical measurements for shipment, including weights, dimensions, tolerances, variances, and weights.	-	Segment S5 - N7 - MEA	-
			measurementCategory	string	Broad category of measurement to which measurement type belongs to or applies. Valid values include: • ACTUALTOTAL - Total market sales • MARKETSHARE - Prediction of apex sales	-	MEA01 = • AF (ACTUALTOTAL) or • AK (MARKETSHARE)	-
			measurementType	string	Code identifying a measurement type for a measurement value. Valid values includes: • WEIGHT - Weight • CELSIUS - Celsius • FREEZINGPOINT - Freezing Point	-	MEA02 = • WT (WEIGHT) or • VOL (VOLUME) or • LN (LENGTH) or • WD (WIDTH) or • HT (HEIGHT) or • DP (DEPTH) or • CC (CELSIUS) or • FG (FREEZINGPOINT)	-
			measurementValue	string	The value of the measurement.	-	MEA03	-
			unitOfMeasure	string	Unit of measure for the measurement type and value recorded. Valid values includes: • CUBICFEET -- Cubic feet • KILOGRAM - Kilogram • POUND - Pounds • CUBICMETER - Cubic meters • PACKS - No of packs	-	MEA04	-
			measuredType	string	Code identifying a measured type for a measured value. Valid values include: • SHIPPEDQUANTITY - Shipped quantity • GROSSVOLUME -Gross volume • EQUIPMENTGROSSWEIGHT - Transport equipment gross weight • GROSSWEIGHT - Weight (mass) of goods including packing but excluding the carrier's equipment	-	-	-
		freeTextNote		array	Ship to party company identifiers and address information.	-	Segment S5 - NTE	-
			textReferenceCode	string	Text reference or subject code.	-	NTE01	-
			textFunctionCode	string	Text function code.	-	-	-
			language	string	Language of free text	-	-	-
			textFormatCode	string	Format code for free text	-	-	-
			freeText	string	Free test string	-	NTE02	-
		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.	-	-	-
		freeTextNote		array	Ship to party company identifiers and address information.	-	-	-
			textReferenceCode	string	Text reference or subject code.	-	-	-
			textFunctionCode	string	Text function code.	-	-	-
			language	string	Language of free text	-	-	-
			textFormatCode	string	Format code for free text	-	-	-
			freeText	string	Free test string	-	-	-
		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.	-	-	-
canonicalLoadTenderWeightChargesSummary				--	Describes the total shipment of load tender in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items.	-	Segment L3 (weight and charges summary)	-
		freightRate		number (implicit decimal)	Rate that applies to the specific commodity.	-	L303	-

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	freightRateType	string	Qualifiers to extend charges or interpret or calculate value. Valid values are: • UNIT - Per Unit • CAR - Per Car • POUND - Per Pound • PERCENTAGE - Percentage • CHARGES - Charges based on mentioned percentage • MILES - Per Miles • MINIMUM - Minimum Charge • FLAT - Flat rate • PERHUNDRED - Per Hundred (of Basic Unit)	-	L304 or L315 = • PU (UNIT) or • PC (CAR) or • PW (PERCENTAGE) or • CR (CHARGES) or • PM (MILES) or • MN (MINIMUM) or • PH (PERHUNDRED) or • FR (FLAT) or • LB (POUND)	-
	totalCharges	number	Describes about freight or special charge or total charges expressed in the standard monetary denomination for specified currency.	-	L305	-
	advancePayment	number	Incidental charges occurred during transportation expressed in the standard monetary denomination for the specified currency.	-	L306	-
	prepaidAmount	number	Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the specified currency.	-	L307	-
	specialChargeCode	string	Type of special charge or allowance allowed. Valid values include: • DISCOUNT - Discount • SPECIALDISCOUNT - Special Discount • CUSTOMSENTRY - Customs Entry • CUSTOMSCHARGE - Customs Charge	-	L308 = • DSC (DISCOUNT) or • 295 (SPECIALDISCOUNT) or • CSE (CUSTOMSENTRY) or • CUS (CUSTOMSCHARGE)	-
	tariffIdentifier	string	Standard tariff number for the tariff which governs the rates applied to the commodity item(s).	-	L313	-
	weightUnitType	string	Type of weight recorded. Valid values include: • METRICTON - Metric ton • GRAMS - Grams • KILOGRAMS - Kilograms • POUNDS - Pounds • OUNCES - Ounces	-	L312 = • E (METRICTON) or • G (GRAMS) or • K (KILOGRAMS) or • L (POUNDS) or • M (MEASUREMENTTON) or • O (OUNCES) or • S (SHORTTON) or • T (LONGTON)	-
	quantityType	string	Type of quantity recorded. Valid values include LADING.	-	-	-
	quantityValue	number	Quantity of product in delivery.	-	L311 where quantityType = LADING	-
	weightType	string	Type of weight recorded. Valid values include: • GROSSWEIGHT • NETWEIGHT • TARE • DIMENSIONALWEIGHT	-	L302	-
	weightValue	Number	Weight of product at PO line item.	-	L301	-
	volumeType	string	Type of weight recorded. Valid values include TOTAL.	-	L310	-
	volumeValue	Number	Volume for item.	-	L309	-
canonicalMotorCarrierLoadTenderEventDetails		array	To report events occurred during ocean, rail, air shipments.	-	-	-
	shipmentEventType	string	Code to specify type of the ocean shipment event. Valid values include: • ANTICIPATEDPICKUP - Anticipated Pickup • VESSELARRIVAL - Vessel Arrival • VESSELDEPARTURE - Vessel Departure • UNLOADEDFROMVESSEL - Unloaded From Vessel • LOADEDONVESSEL - Actually Loaded on Vessel • FINALDESTINATIONACTUALARRIVALDATE - Actual Arrival Date at Final Destination	-	-	-
	eventName	string	Event descriptive information.	-	-	-
	transportEventTimeStamp	string	Event date and time, if time available, in date format YYYY-MM-DD or YYYY-MM-DDTHH:MM:SS.nnnZ if time available.	-	-	-
	epochTransportEventTimeStamp	integer	Event date and time in epoch format.	-	-	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	timeZone		string	Time zone code.	-	-	-
	city		string	Event city.	-	-	-
	state		string	State code.	-	-	-
	countryCode		string	Event Country code.	-	-	-
	transactionStatusReasonCode		string	Reason indicating why a shipment status code was transmitted. Valid values included: • CONTAINERDELAY - Import Container Delay • INCORRECTADDRESS - Incorrect Address • CONSIGNEEREFEUSED - Refused by Consignee • DAMAGEDDELIVERYNOTCOMPLETED - Damaged - Delivery Not Completed	-	-	-
	longitudeCoordinate		string	Longitude coordination.	-	-	-
	latitudeCoordinate		string	Latitude coordination.	-	-	-
	directionIndicator		string	Coordination direction.	-	-	-
	equipmentTypeTemperatures			Equipment type and its required temperatures.	-	-	-
	equipmentType		string	Type of equipment used in delivery. Valid values include: • CONTAINER • RAILCAR • TRAILER • SHIP • AIRCRAFT • TRUCK	-	-	-
	temperatureType		string	Type of temperature follow while shipment. Valid values: • STORAGE - Storage temperature • TRANSPORT - Transport temperature • CARGO - Cargo operation temperature • EMERGENCY - Transport emergency temperature • TRANSPORTCONTROL - Transport control temperature • TEMPERATURECORDED - Recorded temperature	-	-	-
	transportEventTimeStamp		string	Event date and time, if time available, in date format YYYY-MM-DD or YYYY-MM-DDTHH:MM:SS.nnnZ if time available.	-	-	-
	temperatureSetpoint		number	Temperature value setting expressed in degrees.	-	-	-
	temperatureScale		string	Temperature unit of measure. Valid values: • CELSIUS - Degree, Celsius • FAHRENHEIT - Degree, Fahrenheit • KELVIN - Degree Celsius per kelvin	-	-	-
	rangeType		string	Type of range. Valid values: • TEMPERATURE - Item temperature range • TRANSPORTTEMPERATURE - Transport temperature range	-	-	-
	minTemperature		number	Equipment minimum allowable temperature.	-	-	-
	maxTemperature		number	Equipment maximum allowable temperature.	-	-	-
	ventSetting		string	To specifying equipment vent adjustment code. Valid values: • OPEN25PERCENT - Vent 25% Open • OPEN50PERCENT - Vent 50% Open • OPEN75PERCENT - Vent 75% Open • OPEN100PERCENT - Vent 100% Open • OPEN10PERCENT - Vent 10% Open • CLOSED - Vent should be in closed position. • CARRIERSET - Carrier to set based on commodity type.	-	-	-
	description		string	Descriptive information about environment required in refrigerated container when other then normal air required.	-	-	-
	humidityPercent		number	Percent in integer format , example: 50% required, in 50.	-	-	-
	supplyTemperature		number	The temperature of the air coming into the container.	-	-	-
	returnTemperature		number	The temperature of the air leaving the container.	-	-	-
	co2Setpoint		number	The designated CO2 atmosphere level for transporting your cargo.	-	-	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		co2Reading	number	The CO2 atmosphere level.	-	-	-
		o2Setpoint	number	The designated O2 atmosphere level for transporting your cargo.	-	-	-
		o2Reading	number	The O2 atmosphere level.	-	-	-
		relativeHumidity	number	The relative humidity	-	-	-
		humiditySetpoint	number	The designated humidity level for transporting your cargo.	-	-	-
		pulpLocation1Temperature	number	One of the three cargo probes are inserted into the pulp of the cargo in three specific locations of the container.	-	-	-
		pulpLocation2Temperature	number	One of the three cargo probes are inserted into the pulp of the cargo in three specific locations of the container.	-	-	-
		pulpLocation3Temperature	number	One of the three cargo probes are inserted into the pulp of the cargo in three specific locations of the container.	-	-	-
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.	-	-	-

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