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Load tender response canonical guidelines

The Load Tender Response is an electronic transaction used by a motor carrier to respond to a shipment offer (load tender) sent by a shipper, broker, or third-party logistics provider (3PL). This message communicates whether the carrier accepts or declines the shipment and confirms transportation capacity.

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.	-	-	-
canonicalCarrierLoadTenderResponse		-	Overall details for the load tender response message canonical.	-	Segment B1	-
	processingFunctionTypeCode	string	Processing function, transaction set purpose code. Valid values include: • CREATE • CHANGE • CANCEL • ORIGINAL • REPLACE • STATUS • CONFIRM	-		-
	carrierCode	string	Shipping carrier alpha code (SCAC).	-	B101	-
	shipmentBookingStatus	string	Code specifying status of the booking request. Valid values include: True • CONFIRMED - Booking request accepted • CONDITIONAL - Conditionally accepted • ALTERNATIVEOFFER - Counter proposal made by carrier with different options • CANCELLED - Reservation canceled • REJECTED - Reservation declined before its confirmation • RECEIVED - New request received	-	B104	-
	isPartialLoad	boolean	Code specifying partial load allowed. Valid values: • - Partial load allowed • False - Partial load not allowed.	-	B105 = • Y (true) Or • N (false)	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		bookingDeclineReasonCode	string	Code specifying reason behind booking cancel by carrier or customer valid values include: - CAPACITYTYPE - Carrier cannot accept because the type of requested space/capacity isn't offered - CAPACITY - Carrier offers that capacity type, but it's currently full/ un available - EQUIPMENTTYPE - The requested equipment type isn't supported. - EQUIPMENT - The equipment is unavailable	-	B106	-
		shipmentChargePaymentMethodType	string	Payment terms for transportation charges. Valid values: - COLLECT - PREPAIDSELLER - SELLER - THIRDPARTYPAY - ADVANCECOLLECT - ADVANCEPREPAID - BUYER - BUYERSELLERDEFINED	-	B107 = - 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)	-
		transactionReferenceIdentifierList	array	List of documents and transactions((Do not have sample data, kept this based on 315 sample data) at the header level of the message.	-	L11 for(>=4010) Version N9 (v4010) & B1	-
		b2bTransactionIdentifierType	string	Transaction reference type for X12 segments L11 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: - LOADTENDERRESPONSE (Required) - Transaction unique identifier - CONSIGNEEORDERIDENTIFIER - Conginees order number - PURCHASEORDER - Purchase Order Number - BOL - Bill of Lading Number - PURCHASEORDER - Purchase Order Number - SUPPLIERORDER - Vendor order number - MASTERBOL - Master BOL - AGENTSHIPMENT - Agent shipment number - CARRIERREFERENCE - Carrier reference number	-	N901 / L1102 = - BM (BOL) Or - CT (CONTRACT) Or - PO (PURCHASEORDER) Or - VN (SUPPLIERORDER) Or - SI (SHIPMENT) Or - MB (MASTERBOL) Or - AG (AGENTSHIPMENT) Or - CN (CARRIERREFERENCE) Or	-
		b2bTransactionIdentifierValue	string	Transaction reference identifier value.	-	B102 when b2bTransactionIdentifierType =BOL or LOADTENDERRESPONSE N902 / 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.	-	B103 (Date)b2bTransactionIdentifierType =LOADTENDERRESPONSE N904+N905 / L1104 for remaining qualifiers in b2bTransactionIdentifierType	-
		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.	-	-	-
		b2bTransactionIdentifierTypeName	string	B2B Transaction Identifier Type Name.	-	-	-
		timeZone	string	Time Zone.	-	-	-
		transactionReferenceInformation	array	Reference information for identifiers that are not related to transaction documents. This group would map to X12 segments REF and N9 and EDIFACT RFF for information other than transaction documents.(Do not have sample data, kept this based on 315 sample data)	-	L11 for (>=4010) Version N9 (v4010)	-
		transactionReferenceType	string	Transaction reference type for X12 segments REF and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. Valid values include: - BOOKINGIDENTIFIER - Booking Number - PACKINGLIST - Packing List Number - PURCHASEOPTIONS - Purchase Option Agreement - DELIVERYTICKET - Delivery Ticket Number - HARMONIZED - Harmonized Code System (USA) - TARIFFIDENTIFIER - Tariff Number	-	N901 / L1102 = - PK (PACKINGLISTIDENTIFIER) or - PK (PURCHASEOPTIONS) or - DJ (DELIVERYTICKETIDENTIFIER) or - HS (HARMONIZED) or - TS (TARIFFIDENTIFIER)	-
		transactionReferenceIdentifier	string	Transaction reference identifier value.	-	N902 / L1101	-
		description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	-	N903 / 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.	-	N904+N905 / L1104	-
		epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format..	-	-	-
		mpcDates	array	Dates relevant for Shipment Booking Request at header.	-	G62 (v4010) only	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		dateType		string	Date type at header level for price authorization in date format YYYYMMDD and time format (IDoc, X12) HHMMSS. Valid values: - ESTIMATEDDEPARTURE - ESTIMATEDSAILING - BOOKINGAUTHORIZATION - SHIPMENTREQUIRED	-	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. Each string date recorded will have an epoch date format generated by a java exit.	-	-	-
		dateTimePeriodFormat		string	Code specifying representation of date or time or format presented in date value. Valid vlaues include: - CCYYMMDD - Date format century year month day, 2 characters each - CCYYMMDDHHMM - 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	-
	loadTenderResponse	equipmentInformation		-	Shipment equipment details.	-	Segment N7(v4010) only	-
		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.	-	-	-
			dimensionsType	string	Type of dimensions recorded for freight. Valid values include: - LENGTH - WIDTH - HEIGHT	-	-	-
			dimensionsValue	Number	Volume for item in inches.	-	N715where 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.	-	-	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			unitOfMeasure	string	Unit or Basis for Measurement Code. Unit of entry UOM's include UN - Unit.	-	-	-
		equipmentSealNumbers		array	Shipment carrying equipments seal numbers.	-	-	-
			sealNumber	string	Applied seal number for shipment carrying equipment.	-	-	-
			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	-	-	-
		shipmentMeasurements			Specifies physical measurements for shipment, including weights, dimensions, tolerances, variances, and weights.	-	-	-
			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	-	-	-
			measurementType	string	Code identifying a measurement type for a measurement value. Valid values includes: - WEIGHT - Weight - CELSIUS - Celsius - FREEZINGPOINT - Freezing Point	-	-	-
			measurementValue	string	The value of the measurement	-	-	-
			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	-	-	-
			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	-	-	-
	partnerBusinessInformation			array	Partner Entity group location identifiers and address information.	-	-	-
		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	-	-	-
		businessName		string	Business name for partner or location.	-	-	-
		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.	-	-	-
			companyIdentifierValue	string	Company identifier value for business partner.	-	-	-
			alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	-	-	-
		address		-	Party address information.	-	-	-
			address1	string	Main street address.	-	-	-
			address2	string	Supplemental street address.	-	-	-
			city	string	City	-	-	-
			district	string	District	-	-	-
			state	string	State or region code.	-	-	-
			postalCode	string	Postal code	-	-	-
			country	string	Country code	-	-	-
			telephone	string	Telephone number.	-	-	-
			fax	string	Fax number	-	-	-
			url	string	Website URL	-	-	-
			buildingNumber	string	Building number	-	-	-
			plantNumber	string	Plant number	-	-	-
			floorNumber	string	Floor number in building.	-	-	-
			lscAddressIdentifier	string	LSC address identifier.	-	-	-
			village	string	Village name	-	-	-
			houseNumber	string	House number	-	-	-
			township	string	Township	-	-	-
			premisesCode	string	Premises code	-	-	-
		companyLocationContactInformation		-	-	-	-	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			contactType	string	Contact type. Valid values include: • INFORMATION - Information contact • FORWARDER - Forwarder contact • CONFIRMEDWITH - Person whom the content of the PO has been discussed and agreed prior to sending this message. • EMERGENCYDANGEROUS - Emergency dangerous goods contact • SENDER - Message sender contact	-	-	-
			contactName	string	Contact name	-	-	-
			contactTitle	string	Title of contact	-	-	-
			contactPhone	string	Contact phone number.	-	-	-
			contactEmail	string	Contact email address.	-	-	-
		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.	-	-	-
	freeTextNote			array	Ship to party company identifiers and address information.	-	Segment K1 (v4010 only)	-
		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.	-	K101, K102 Each is 30 characters. Mapping to canonical, concatenate K1 and K2. Mapping from canonical split into 2 fields.	-
	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.	-	-	-
	canonicalLoadTenderResponseEventDetails			array	To report events occurred during ocean, rail, air shipments.	-	V9 (v4010 only)	-
	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	-	V901 = • APU (Anticipated Pickup) Or • VAR (Vessel Arrival) Or • VDP (Vessel Departure) Or • UVF (Unloaded From Vessel) Or • ALV (Actually Loaded on Vessel) Or • ARD (Actual Arrival Date at Final Destination)	-
	eventName			string	Event descriptive information.	-	V902	-
	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.	-	V903 & V904	-
	epochTransportEventTimeStamp			integer	Event date and time in epoch format.	-	-	-
	timeZone			string	Time zone code.	-	V913	-
	city			string	Event city	-	V905	-
	state			string	State code	-	V906	-
	countryCode			string	Event Country code.	-	V907	-
	transactionStatusReasonCode			string	Reason indicating why a shipment status code was transmitted. Valid values included: • CONTAINERDELAY - Import Container Delay • INCORRECTADDRESS - Incorrect Address • CONSIGNEEREFUSED - Refused by Consignee • DAMAGEDDELIVERYNOTCOMPLETED - Damaged - Delivery Not Completed	-	V908 = • 052 (CONTAINERDELAY) Or • A03 (INCORRECTADDRESS) Or • A07 (CONSIGNEEREFUSED) Or • A10 (DAMAGEDDELIVERYNOTCOMPLETED) Or	-
	longitudeCoordinate			string	Longitude coordination.	-	-	-
	latitudeCoordinate			string	Latitude coordination.	-	-	-
	directionIndicator			string	Coordination direction.	-	-	-
	equipmentTypeTemperatures				Equipment type and its required temperatures.	-	-	-

Canonical Element				Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
			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, - 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 than 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.	-	-	-
			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.	-	-	-

Related Content



Load tender responses

The Load Tender Response is an electronic transaction used by a motor carrier to respond to a shipment offer (load tender) sent by a shipper, broker, or third-party logistics provider (3PL).

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Motor carrier load tenders

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.

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