

API Implementation Guide — LTL Rating

API Version	1.0
Latest Publication Date	2021-07-18
Document Owner	XPO Less-Than-Truckload IT Service Governance Team
API Name	LTL Rating
API Description	This API provides tools to rate shipments (get “Rate Quotes”).
Document Purpose	<p>This document details the use of the LTL Rating API.</p> <p>The operations will show the request and response interfaces for the operations, describing mandatory and optional elements. They will also specify values permitted for a field, any formatting constraints, as well as any errors that may be encountered.</p>
Operation Descriptions	<p>getXpoLtlRateQuote: Creates a rate quote for a customer based on the account’s pricing agreement.</p> <p>getXpoLtlRateQuoteDetails: Retrieves details of an existing rate quote based on an entered confirmation number.</p> <p>getXpoLtlSpotQuote: Provides a spot quote rate if available for a single request using origin/destination zip codes, weight, class and commodity dimensions.</p>

Table of Contents

1	Introduction.....	3
1.1	Purpose	3
1.2	Scope	3
2	Rating Execution	3
2.1	Production Environment	3
3	getXpoLtlRateQuote.....	3
3.1	Business Rules.....	4
3.2	Description.....	5
3.3	Request Elements	5
3.4	Response Elements	12
3.5	getXpoLtlRateQuote Samples	25
3.5.1	Rate quote has no accessorials	25
3.5.2	Rate quote contains accessorials	29
3.5.3	Account is Third-Party Bill-To.....	32
4	getXpoLtlRateQuoteDetails.....	35
4.1	Description.....	35
4.2	Business rules:	35
4.3	Request Elements	35
4.4	Response Elements	36
4.5	getXpoLtlRateQuoteDetails Response Samples.....	48
4.5.1	Registered user uses a pricing agreement	48
4.6	Pricing agreement not used.....	52
5	getXpoLtlSpotQuote	56
5.1	Business Rules.....	56
5.2	Request Elements	57
5.3	Response Elements	59
5.4	getXpoLtlSpotQuote Samples	60
5.4.1	Request a Spot Quote.....	60
6	listRateQuoteAccessorials	62
6.1	Business Rules.....	62
6.2	Request Elements	63
6.3	Response Elements	63
6.4	listRateQuoteAccessorials Samples.....	63
6.4.1	Request Accessorials – Origin and Destination are US.....	63
6.4.2	Request Accessorials – Origin is US destination is MX	65
	Implementation Guide Revision History.....	68

1 Introduction

1.1 Purpose

The purpose of this document is to provide a technical guide for the LTL Rating JSON API service. For information on general XPO LTL API setup, including security; health check; rate limits; discovering API options; response structures; and test mode, see the API Help Center on LTL.XPO.com.

1.2 Scope

This document covers the execution environment, operation definitions, input and output descriptions, and sample inputs and outputs.

2 Rating Execution

2.1 Production Environment

Endpoint

Production: <https://api.ltl.xpo.com/rating/1.0/>

Endpoint Resource Value

Operation Name	URI Prefix	API Method
getXpoLtlRateQuoteDetails	/ratequotes/{confirmationNbr}	GET
getXpoLtlRateQuote	/ratequotes	POST
getXpoLtlSpotQuote	/spotquotes	POST

3 getXpoLtlRateQuote

This operation generates a shipping rate quote. The caller can use an account with a pricing agreement to use for the rate quote calculation, or use a discount level. Note that it may improve the ease of use of your application if you offer NMFC choices via a dropdown list (it is suggested not to set a default value).

If you expect to incur charges due to lineal foot, excessive length, or cubic capacity charges, use the calculateLinealFeet operation in the LTLShippingTools API, and add the resulting following information to the rate quote call:

- totalLinealFt
- excessiveLength
- cubicCapacity

Special Pricing

Aside from your contracted rates, XPO offers the following LTL pricing options for large shipments:

Volume Shipment Pricing:

This price cap is automatically introduced when the shipment is rated more than a certain amount. This pricing does not need to be requested, it will apply when appropriate conditions are met.

Spot Quote:

This special pricing is offered based on the weight of the shipment, and when the lane (route from origin to the destination) has the option available. When this happens, the rate quote call will return a message that indicates "This shipment may qualify for additional savings. If interested, please request a volume shipment Spot Quote." At this point, if you'd like to check if it is available for the shipment, call the `getXpoLtlSpotQuote` operation.

Instant Guaranteed Service (G!)

To request this service, pass in the code GUR as an accessorial.

3.1 Business Rules

1. If the account chosen is a pickup/delivery account, that account location must be used for either the shipper or consignee location. If the account chosen is a bill-to account, any postal code may be used for the shipper and consignee locations.
2. If the account was chosen for the shipper, the system will use the account's postal code for the shipper's location and will not utilize the ZIP or city entered for the shipper. Conversely, if the account was chosen for the consignee, the system will use the account's postal code for the consignee's location and will not utilize the ZIP or city entered for the consignee.
3. While postal codes are used for US and Canada locations, city names are used for Mexico.
 - a. For a given location, if both a postal code and a Mexico city name are entered, the Mexico city name will be used.
4. A discount level may be entered only if an account is not entered (as the rate quote calculation will use the account's pricing agreement).
5. The system will reject rate quotes with gross weights that are greater than 25,000 pounds. Due to capacity constraints, please contact your local [service center](#) to get a rate quote for this shipment.
6. Dimensions can be entered for each commodity in order for the rating engine to calculate which accessorials may apply (lineal foot or excessive length). If any dimension is entered for a commodity, all dimensions must be entered for the commodity *in inches*. The unit of measure must also be entered as *inches*.
7. Border crossing (accessorial code DRA) is required when shipping US-Mexico. This may be performed by XPO Logistics, or your own broker. If you choose XPO Logistics, please enter the DRA accessorial code.
8. Maximum total weight for any shipment is 99,999 lbs.

9. Mutually exclusive rules for accessorials, shipment weight, and geographical limitations

	APT Appointment	TDC Time Date Critical	G!	G12	RRS	OLF OLG (Origin Liftgate)	DLG (Dest Liftgate)	Delivery Notification (DNC), Notify on Arrival, Notification Prior to Delivery (Item 221 in the tariff)	XFZ freezable (API Only)	HAZMAT - commodity	Exclusive use (API only)	In-bond Freight	20k+ lbs	Exhibition pickup	Exhibition delivery (PED)	RSD	CSD	After Business Hours Delivery	Geo limitations?
APT	N/A	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	US and Canada only, not MX excludes Puerto Rico, Hawaii and Alaska (on Destination only)
TDC	Y	N/A	Y	N	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	US and Canada only.
G!	Y	Y	N/A	N	Y	Y	N	Y	N	N	N	N	N	Y	Y	Y	Y	Y	US and Canada only.
G12	Y	N	N	N/A	N	Y	N	Y	N	N	N	N	N	N	N	Y	Y	N	US and Canada only.
RRS	Y	Y	Y	N	N/A	Y	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	US and Canada only.

3.2 Description

3.2.1 This operation calculates and returns an estimated shipping cost rate quote. Note that if your account is operating as a third-party biller for the rate quote, please indicate this using the account ID in the bill2Party attribute. See the sample “Account is Third-Party Bill-To” for more information. Includes estimated transit time information.

3.3 Request Elements

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
shipmentInfo	Object	One			
shipmentInfo.accessorials	Object	One to Ten			
shipmentInfo.accessorials.accessorialCd	String				Identifier code of the accessorial
shipmentInfo.accessorials.quantity	Integer				Number of units that applies to the accessorial
shipmentInfo.accessorials.quantityUom	String				Unit of measure that applies to the accessorial
shipmentInfo.accessorials.accessorialDesc	String				Description of the Accessorial

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
shipmentInfo.accessorials.chargeAmt	Object				
shipmentInfo.accessorials.chargeAmt.amt	Decimal				
shipmentInfo.accessorials.chargeAmt.currencyCd	String				ISO 3 Letter Currency codes
shipmentInfo.bill2Party	Object				Account to use to determine the pricing agreement
shipmentInfo.bill2Party.acctInstId	String				Account ID to use to determine the pricing agreement if the account is of "Bill to" (3 rd Party) type
shipmentInfo.bill2Party.acctMadCd	String				if the account is of "Bill to" (3 rd Party) type
shipmentInfo.bill2Party.address	Object				*** not used ***
shipmentInfo.bill2Party.address.addressTypeCd	String				*** not used ***
shipmentInfo.bill2Party.address.name	String				*** not used ***
shipmentInfo.bill2Party.address.careOfName	String				*** not used ***
shipmentInfo.bill2Party.address.addressLine1	String				*** not used ***
shipmentInfo.bill2Party.address.addressLine2	String				*** not used ***
shipmentInfo.bill2Party.address.postOfficeBox	String				*** not used ***
shipmentInfo.bill2Party.address.cityName	String		Mexico City	Required if the city is in Mexico	City Name part of the address.
shipmentInfo.bill2Party.address.stateCd	String				*** not used ***

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
shipmentInfo.bill2Party.address.countryCd	String				*** not used ***
shipmentInfo.bill2Party.address.postalCd	String			Required if the city is in US or CA	US or Canada postal (ZIP) code
shipmentInfo.bill2Party.address.usZip4	String				*** not used ***
shipmentInfo.commodity	Object	1-20		Y	
shipmentInfo.commodity.pieceCnt	Integer		1 to 9,999		number of commodity items
shipmentInfo.commodity.packageCode	String		Examples: SKD, PLT, PCS, CRT, BDL, BOX, CAS		Type of Package (pallet, skid, bundle, crate, drum, rack, tote)
shipmentInfo.commodity.grossWeight	Object			Y	
shipmentInfo.commodity.grossWeight.weight	String			Y	Commodity gross weight
shipmentInfo.commodity.grossWeight.weightUom	String		LBS		Unit of measure for gross weight. MUST BE IN LBS.
shipmentInfo.commodity.tareWeight	Object				The weight of the pallet or packaging used to ship a commodity.
shipmentInfo.commodity.tareWeight.weight	Decimal			Y	
shipmentInfo.commodity.tareWeight.weightUom	String		LBS		Weight unit of measure. MUST be in LBS
shipmentInfo.commodity.volume	Object				*** not used ***
shipmentInfo.commodity.volume.volume	Decimal				*** not used ***
shipmentInfo.commodity.volume.volumeUOM	String				*** not used ***

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
shipmentInfo.commodity.desc	String				*** not used ***
shipmentInfo.commodity.nmfcClass	String		NMFC classes are 50, 55, 60, 65, 70, 77.5, 85, 92.5, 100, 110, 125, 150, 175, 200, 250, 300, 400, and 500.	Y	Standard NMFC class code
shipmentInfo.commodity.nmfcItemCd	String				NMFC Item code of the commodity
shipmentInfo.commodity.hazmatInd	Boolean				Set to True if there is any Hazardous material
shipmentInfo.commodity.dimensions	Object				Dimensions of the commodity
shipmentInfo.commodity.dimensions.length	decimal			If any dimensions are entered for a commodity, all dimensions must be entered for that commodity	Length of the commodity
shipmentInfo.commodity.dimensions.width	decimal			If any dimensions are entered for a commodity, all dimensions must be entered for that commodity	Width of the commodity
shipmentInfo.commodity.dimensions.height	decimal			If any dimensions are entered for a commodity, all	Height of the commodity

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
				dimension s must be entered for that commodit y	
shipmentInfo.commodity.dimensions.dimensionsUom	String		Inches	Y (if dimension s are entered for that commodit y)	Unit of measure for the commodity dimensions. IMPORTANT: Until a future release, the dimensions are in inches.
shipmentInfo.consignee	Object				Consignee account info
shipmentInfo.consignee.acctInstId	String				Database key for customer
shipmentInfo.consignee.acctMadCd	String				Business key for customer
shipmentInfo.consignee.address	Object				Consignee address info
shipmentInfo.consignee.addressTypeCd	String				*** not used ***
shipmentInfo.consignee.address.name	String				*** not used ***
shipmentInfo.consignee.address.careOfName	String				*** not used ***
shipmentInfo.consignee.address.addressLine1	String				*** not used ***
shipmentInfo.consignee.address.addressLine2	String				*** not used ***
shipmentInfo.consignee.address.postOfficeBox	String				*** not used ***
shipmentInfo.consignee.address.cityName	String			Required if the city is in Mexico	Mexico city name

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
shipmentInfo.consignee.address.stateCd	String				*** not used ***
shipmentInfo.consignee.address.countryCd	String				*** not used ***
shipmentInfo.consignee.address.postalCd	String			Required for US or Canada	Postal code for US or Canada location
shipmentInfo.consignee.address.usZip4	String				*** not used ***
shipmentInfo.freezeableInd	Boolean				*** not used ***
shipmentInfo.hazmatInd	Boolean				Set to True if there is any Hazardous material
shipmentInfo.linealFt	Decimal				Total Lineal Feet of the Shipment
shipmentInfo.paymentTermCd	String		P (Prepaid) or C (Collect)	Y	Shipment Payment term
shipmentInfo.shipmentDate	String			Y	Shipment Date
shipmentInfo.shipmentVolume	Volume			Required if shipping to or from Mexico or Hawaii	Shipment volume.
shipmentInfo.shipmentVolume.volume	Number				Volume measurement
shipmentInfo.shipmentVolume.volumeUOM	String			CFT	Volume unit of measure – Note this MUST be in CFT (Cubic Feet).
shipmentInfo.shipper	Object				
shipmentInfo.shipper.acctInstId	String				Database key for customer
shipmentInfo.shipper.acctMadCd	String				Business key for customer

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
shipmentInfo.shipper.address	Object				
shipmentInfo.shipper.address.addressTypeCd	String				*** not used ***
shipmentInfo.shipper.address.name	String				*** not used ***
shipmentInfo.shipper.address.careOfName	String				*** not used ***
shipmentInfo.shipper.address.addressLine1	String				*** not used ***
shipmentInfo.shipper.address.addressLine2	String				*** not used ***
shipmentInfo.shipper.address.postOfficeBox	String				*** not used ***
shipmentInfo.shipper.address.cityName	String			Required if city is in Mexico	City name for Mexico city
shipmentInfo.shipper.address.stateCd	String				*** not used ***
shipmentInfo.shipper.address.countryCd	String				*** not used ***
shipmentInfo.shipper.address.postalCd	String			Required if the location is in US or CA	US or Canada postal (ZIP) code
shipmentInfo.shipper.address.usZip4	String				*** not used ***
shipmentInfo.palletCnt	Integer				Total pallet count
shipmentInfo.comment	String				Comments related to the rate quote
shipmentInfo.discountLevel	Decimal				Discount level to use for calculating rate quote – If a bill to party is entered, the party's pricing agreement is

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
					ignored in favor of the discount level.

3.4 Response Elements

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote	Object			Contains rate quote information
rateQuote.confirmationNbr	String			The rate quote confirmation number
rateQuote.shipmentInfo.accessorials	Object			
rateQuote.shipmentInfo.accessorials.accessorialCd	String			
rateQuote.shipmentInfo.accessorials.quantity	Integer			
rateQuote.shipmentInfo.accessorials.accessorialDesc	String			
rateQuote.shipmentInfo.accessorials.accessorialDesc.quantityUom	String			
rateQuote.shipmentInfo.accessorials.accessorialDesc	String			
rateQuote.shipmentInfo.accessorials.chargeAmt	Object			
rateQuote.shipmentInfo.accessorials.chargeAmt.amt	Decimal			
rateQuote.shipmentInfo.accessorials.chargeAmt.currencyCd	String			
rateQuote.accessorialTariffName	String			*** not used ***
rateQuote.actlDiscountPct	Decimal			The actual discount percentage applied to the linehaul charges of the shipment.
rateQuote.amcAmt	Object			
rateQuote.amcAmt.amt	Decimal			
rateQuote.amcAmt.currencyCd	String			
rateQuote.aMCInd	Boolean			*** not used ***
rateQuote.shipmentInfo.commodity	Object			
rateQuote.shipmentInfo.commodity.pieceCnt	Integer		1 to 9,999	number of commodity items

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.commodity.packageCode	String		Examples: SKD, PLT, PCS, CRT, BDL, BOX, CAS	Type of Package
rateQuote.shipmentInfo.commodity.grossWeight	Object			The total weight of a shipment of goods, including their packaging such as crates, pallets etc.
rateQuote.shipmentInfo.commodity.grossWeight.weight	Decimal			
rateQuote.shipmentInfo.commodity.grossWeight.weightUom	String		LBS	Unit of measure for Gross weight of the commodity – will be in LBS.
rateQuote.shipmentInfo.commodity.tareWeight	Object			The weight of the pallet or packaging used to ship a commodity.
rateQuote.shipmentInfo.commodity.tareWeight.weight	Decimal			Tare weight measurement
rateQuote.shipmentInfo.commodity.tareWeight.weightUom	String		LBS	Unit of measurement for weight. WILL BE IN LBS.
rateQuote.shipmentInfo.commodity.charge	Object			Charge for the commodity
rateQuote.shipmentInfo.commodity.charge.chargeTypeCd	String			Charge type code for the commodity
rateQuote.shipmentInfo.commodity.charge.seq	Integer			Sequence number for the commodity charge
rateQuote.shipmentInfo.commodity.charge.chargeCd	String			Charge code for the commodity charge
rateQuote.shipmentInfo.commodity.charge.chargeAmt	Object			
rateQuote.shipmentInfo.commodity.charge.chargeAmt.amt	Decimal			
rateQuote.shipmentInfo.commodity.charge.chargeAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.shipmentInfo.commodity.charge.minChargeInd	Boolean			Minimum charge indicator code for the commodity
rateQuote.shipmentInfo.commodity.charge.maxChargeInd	Boolean			Maximum charge indicator code for the commodity
rateQuote.shipmentInfo.commodity.charge.calcMethod	Object			*** not used ***
rateQuote.shipmentInfo.commodity.charge.calcMethod.calcMethodTypeCd	String			Indicates calculation method: spot quote or rate-based
rateQuote.shipmentInfo.commodity.charge.calcMethod.quantity	Integer			*** not used ***

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.commodity.charge.calcMethod.quantityUOM	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.calcMethod.perUnitRate	Decimal			Per unit rate of the commodity
rateQuote.shipmentInfo.commodity.charge.calcMethod.perUnitRateEffDate	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo	Object			
rateQuote.shipmentInfo.commodity.charge.exchRateInfo.fromCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert from this currency.
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.toCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert to this currency.
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.baseCrncyCd	String			Currency code that is the basis for both the from and to conversions. For example - from SEK to USD and from USD to EUR
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.exchRate	String			The exchange rate to convert amount given in fromCrncyCd to toCrncyCd.
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.exchDate	String			The dates on which this exchange rate is effective.
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.src	String			The source of the exchange rate
rateQuote.shipmentInfo.commodity.charge.calcMethod.percentageFactor	Decimal			
rateQuote.shipmentInfo.commodity.charge.responsibleParty	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.desc	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.reference	Object			*** not used ***
rateQuote.shipmentInfo.commodity.charge.reference.reference	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.reference.referenceDescr	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.reference.referenceTypeCd	String			*** not used ***

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.commodity.volume	Object			Volume of the commodity
rateQuote.shipmentInfo.commodity.volume.volume	Decimal			Volume measurement
rateQuote.shipmentInfo.commodity.volume.volumeUom	String		CFT	Volume unit of measure – this will be in cubic feet
rateQuote.shipmentInfo.commodity.desc	String			Description of the commodity
rateQuote.shipmentInfo.commodity.nmfcClass	String			
rateQuote.shipmentInfo.commodity.nmfcItemCd	String			
rateQuote.shipmentInfo.totCommodityCharge	Object			Total charge for all the commodities before the discount was applied.
rateQuote.shipmentInfo.totCommodityCharge.amt	Decimal			Charge amount
rateQuote.shipmentInfo.totCommodityCharge.currencyCd	String			3 letter currency code of the charge amount
rateQuote.commodity.hazmatInd	Boolean			Set to True if there are any hazardous materials

rateQuote.commodity.dimensions	Object			Information about commodity package dimensions
rateQuote.commodity.dimensions.length	decimal			Package length
rateQuote.commodity.dimensions.width	decimal			Package width
rateQuote.commodity.dimensions.height	decimal			Package height
rateQuote.commodity.dimensions.dimensionsUom	String		Inches	Unit of measure for the package. Note this must be in inches.
rateQuote.deficitRatingInfo	Object			
rateQuote.deficitRatingInfo.nmfcClass	String			The freight class for this calculation. This will be either the actual class or if the customer has an FAK, it will be the FAK
rateQuote.deficitRatingInfo.nmfcClass.deficitWght	Object			
rateQuote.deficitRatingInfo.nmfcClass.deficitWght.weight	Decimal			
rateQuote.deficitRatingInfo.nmfcClass.deficitWght.weightUom	String		LBS	Unit of measure for deficit weight. MUST BE IN LBS

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.deficitRatingInfo.asRatedWeight	Object			
rateQuote.deficitRatingInfo.asRatedWeight.weight	Decimal			
rateQuote.deficitRatingInfo.asRatedWeight.weightUom	String		LBS	Unit of measure for as rated weight. MUST BE IN LBS
rateQuote.deficitRatingInfo.deficitRate	Object			
rateQuote.deficitRatingInfo.deficitRate.amt	Decimal			
rateQuote.deficitRatingInfo.deficitRate.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.deficitRatingInfo.deficitAmt	Object			
rateQuote.deficitRatingInfo.deficitAmt.amt	Decimal			
rateQuote.deficitRatingInfo.deficitAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.dscntSrcCd	String array			
rateQuote.fscTariffName	String			*** not used ***
rateQuote.inboundZoneCd	String			*** not used ***
rateQuote.InhChargeAmt	Object			
rateQuote.InhChargeAmt.chargeTypeCd	String			Charge types are linehaul, accessorial, tax, discount, COD, cash ppd, cash coll, part ppd, part coll
rateQuote.InhChargeAmt.seq	Integer			Sequence of charge. This is used for accessorials and miscellaneous line items
rateQuote.InhChargeAmt.chargeCd	string		NotifyOnArrival.	a descriptive code identifying the accessorial, tax type, discount, etc. For chargeType codes that have sub codes, this will be used and include the description for them.
rateQuote.InhChargeAmt.chargeAmt	Object			
rateQuote.InhChargeAmt.chargeAmt.amt	Decimal			Linehaul charge amount
rateQuote.InhChargeAmt.chargeAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.InhChargeAmt.minChargeInd	Boolean			Minimum charge indicator. Indicates if the charges associated

Element	Type	Cardinality	Valid Values or Sample Values	Description
				with the line are the minimum charges for the commodity.
rateQuote.InhChargeAmt.maxChargeInd	Boolean			True if the charge associated with the accessorial line is the maximum charge
rateQuote.InhChargeAmt.calcMethod	Object			
rateQuote.InhChargeAmt.calcMethod.calcMethodTypeCd	String			spot quote, rate-based
rateQuote.InhChargeAmt.calcMethod.quantity	Integer			whatever if being multiplied by unit rate - hours, weight, miles
rateQuote.InhChargeAmt.calcMethod.quantityUOM	String			
rateQuote.InhChargeAmt.calcMethod.perUnitRate	Decimal			
rateQuote.InhChargeAmt.calcMethod.perUnitRateEffDate	String			
rateQuote.InhChargeAmt.calcMethod.exchRateInfo	Object			
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.fromCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert from this currency.
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.toCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert to this currency.
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.baseCrncyCd	String			Currency code that is the basis for both the from and to conversions. For example - from SEK to USD and from USD to EUR
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.exchRate	Decimal			The exchange rate to convert amount given in fromCrncyCd to toCrncyCd.
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.exchDate	String			The dates on which this exchange rate is effective.
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.src	String			source of exchange rate
rateQuote.InhChargeAmt.calcMethod.percentageFactor	Decimal			source of exchange rate
rateQuote.InhChargeAmt.responsibleParty	String			A code indicating which party or parties get the revenue from the accessorial - PayToAdvance, PayToPrimary, SplitBetweenAll, SplitAdvancePrimaryOnly, SplitPrimaryBeyondOnly
rateQuote.InhChargeAmt.desc	String			Textual description of charge other than a standard description represented by the description in ChargeTypeCd

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.InhChargeAmt.reference	Object			*** not used ***
rateQuote.InhChargeAmt.reference.reference	String			*** not used ***
rateQuote.InhChargeAmt.reference.referenceDescr	String			*** not used ***
rateQuote.InhChargeAmt.reference.referenceTypeCd	String			*** not used ***
rateQuote.offShrSIC	String			XPO service center of entry or exit into or from the US
rateQuote.offShrTariff	String			*** not used ***
rateQuote.offShrZoneCd	String			*** not used ***
rateQuote.ratingTariffName	String			*** not used ***
rateQuote.serviced	String			
rateQuote.bill2Party	Object			
rateQuote.bill2Party.acctInstId	String			Database key for customer
rateQuote.bill2Party.acctMadCd	String			Business key for customer
rateQuote.bill2Party.address	Object			
rateQuote.bill2Party.address.addressTypeCd	String			*** not used ***
rateQuote.bill2Party.address.name	String			*** not used ***
rateQuote.bill2Party.address.careOfName	String			*** not used ***
rateQuote.bill2Party.address.addressLine1	String			*** not used ***
rateQuote.bill2Party.address.addressLine2	String			*** not used ***
rateQuote.bill2Party.address.postOfficeBox	String			*** not used ***
rateQuote.bill2Party.address.cityName	String			City name for Mexico city
rateQuote.bill2Party.address.stateCd	String			*** not used ***
rateQuote.bill2Party.address.countryCd	String			*** not used ***
rateQuote.bill2Party.address.postalCd	String			Postal code for US or CA address

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.bill2Party.address.usZip4	String			This is a 4 digit extension to US 5 digit zip code.
rateQuote.Shipper	Object			
rateQuote.shipper.acctInstId	String			Database key for customer
rateQuote.shipper.madCd	String			Business key for customer
rateQuote.shipper.address	Object			
rateQuote.shipper.address.addressTypeCd	String			*** not used ***
rateQuote.shipper.address.name	String			*** not used ***
rateQuote.shipper.address.careOfName	String			*** not used ***
rateQuote.shipper.address.addressLine1	String			*** not used ***
rateQuote.shipper.address.addressLine2	String			*** not used ***
rateQuote.shipper.address.postOfficeBox	String			*** not used ***
rateQuote.shipper.address.cityName	String			City name for Mexico city
rateQuote.shipper.address.stateCd	String			*** not used ***
rateQuote.shipper.address.countryCd	String			*** not used ***
rateQuote.shipper.address.postalCd	String			Postal code for US or CA address
rateQuote.shipper.address.usZip4	String			*** not used ***
rateQuote.Consignee	Object			
rateQuote.consignee.acctInstID	String			Database key for customer
rateQuote.consignee.acctMadCd	String			Business key for customer
rateQuote.consignee.address	Object			
rateQuote.consignee.address.addressTypeCd	String			*** not used ***
rateQuote.consignee.address.name	String			*** not used ***
rateQuote.consignee.address.careOfName	String			*** not used ***

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.consignee.address.addressLine1	String			*** not used ***
rateQuote.consignee.address.addressLine2	String			*** not used ***
rateQuote.shipper.address.postOfficeBox	String			*** not used ***
rateQuote.consignee.address.cityName	String			City name of a Mexico city
rateQuote.consignee.address.stateCd	String			*** not used ***
rateQuote.consignee.address.countryCd	String			*** not used ***
rateQuote.consignee.address.postalCd	String			*** not used ***
rateQuote.consignee.address.usZip4	String			*** not used ***
rateQuote.shipperToConsigneeMiles	integer			*** not used ***
rateQuote.totAccessorialAmt	Object			Total accessorial amount
rateQuote.totAccessorialAmt.amount	Decimal			Total accessorial amount
rateQuote.totAccessorialAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.totCharge	Object	Zero to Many		
rateQuote.totCharge.amount	Decimal			zzxx
rateQuote.totCharge.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.exchangeRate	Object			
rateQuote.exchangeRate.fromCurrencyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert from this currency.
rateQuote.exchangeRate.toCurrencyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert to this currency.
rateQuote.exchangeRate.baseCurrencyCd	String			Currency code that is the basis for both the from and to conversions. For example - from SEK to USD and from USD to EUR
rateQuote.exchangeRate.exchangeRate	String			The exchange rate to convert amount given in fromCurrencyCd to toCurrencyCd.
rateQuote.exchangeRate.exchangeDate	String			The dates on which this exchange rate is effective.

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.exchangeRate.src	String			The source of the exchange rate
rateQuote.totDiscountAmt	Object			
rateQuote.totDiscountAmt.amt	Decimal			
rateQuote.totDiscountAmt.currencyD	String			ISO 3 Letter Currency codes
rateQuote.totFSCAmt				
rateQuote.totFSCAmt.chargeTypeCd	String			Charge type code for the commodity
rateQuote.totFSCAmt.seq	Integer			Sequence number for the commodity charge
rateQuote.totFSCAmt.chargeCd	String			Charge code for the commodity charge
rateQuote.totFSCAmt.chargeAmt	Object			
rateQuote.totFSCAmt.chargeAmt.amt	Decimal			
rateQuote.totFSCAmt.chargeAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.totFSCAmt.minChargeInd	Boolean			Minimum charge indicator code for the commodity
rateQuote.totFSCAmt.maxChargeInd	Boolean			Maximum charge indicator code for the commodity
rateQuote.totFSCAmt.calcMethod	Object			*** not used ***
rateQuote.totFSCAmt.calcMethod.calcMethodTypeCd	String			Indicates calculation method: spot quote or rate-based
rateQuote.totFSCAmt.calcMethod.quantity	Integer			*** not used ***
rateQuote.totFSCAmt.calcMethod.quantityUOM	String			*** not used ***
rateQuote.totFSCAmt.calcMethod.perUnitRate	Decimal			Per unit rate of the commodity
rateQuote.totFSCAmt.calcMethod.perUnitRateEffDate	String			*** not used ***
rateQuote.totFSCAmt.calcMethod.exchRateInfo	Object			
rateQuote.totFSCAmt.calcMethod.exchRateInfo.fromCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert from this currency.
rateQuote.totFSCAmt.calcMethod.exchRateInfo.toCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert to this currency.

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.totFSCAmt. .calcMethod.exchRateInfo.base CrncyCd	String			Currency code that is the basis for both the from and to conversions. For example - from SEK to USD and from USD to EUR
rateQuote.totFSCAmt.calcMetho d.exchRateInfo.exchRate	String			The exchange rate to convert amount given in fromCrncyCd to toCrncyCd.
rateQuote.totFSCAmt.calcMetho d.exchRateInfo.exchDate	String			The dates on which this exchange rate is effective.
rateQuote.totFSCAmt.calcMetho d.exchRateInfo.src	String			The source of the exchange rate
rateQuote.totFSCAmt.calcMetho d.percentageFactor	Decimal			
rateQuote.totFSCAmt.responsibl eParty	String			*** not used ***
rateQuote.totFSCAmt.desc	String			*** not used ***
rateQuote.totFSCAmt.reference	Object			*** not used ***
rateQuote.totFSCAmt.reference. reference	String			*** not used ***
rateQuote.totFSCAmt.reference. referenceDescr	String			*** not used ***
rateQuote.totFSCAmt.reference. referenceTypeCd	String			*** not used ***
rateQuote.totOffShrAccChargeA mt	Object			
rateQuote.totOffShrAccChargeA mt.amt	Decimal			
rateQuote.totOffShrAccChargeA mt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.totOffShrAmt	Object			
rateQuote.totOffShrAmt.amt	Decimal			
rateQuote.totOffShrAmt.currency	String			ISO 3 Letter Currency codes
rateQuote.totOffShrFscCharge	Object			
rateQuote.totOffShrFscCharge.a mt	Decimal			
rateQuote.totOffShrFscCharge.c urrency	String			ISO 3 Letter Currency codes
rateQuote.totOffShrLnhChargeA mt	Object			
rateQuote.totOffShrLnhChargeA mt.amt	Decimal			

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.totOffShrLnhChargeAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.totTaxAmt	Object			
rateQuote.totTaxAmt.amt	Decimal			
rateQuote.totTaxAmt.currency	String			ISO 3 Letter Currency codes
rateQuote.trailerCnt	Decimal			*** not used ***
rateQuote.shipmentInfo.paymentTermCd	String		P(Prepaid) or C(Collect)	Shipment Payment term code
rateQuote.shipmentInfo.comment	String			Comments related to the rate quote
rateQuote.vspApplied	Boolean			Indicates whether or not volume shipment pricing (VSP) was applied (vs. regular rating).
transitTime	Object			Transit time information
transitTime.destStateCd	String			Destination state code
transitTime.destPostalCd	String			Destination postal code
transitTime.destSicCd	String			Destination service center that is delivering the freight
transitTime.estDlvrDate	date			Delivery date derived from requested pick up date and transit days
transitTime.garntInd	boolean			If true then guaranteed service is available on this service
transitTime.latestPkupDate	date			Latest date by which the freight should be picked up in order to meet the requested delivery date
transitTime.origPostalCd	String			Origin postal code
transitTime.origStateCd	String			Origin state code
transitTime.origSicCd	String			Origin service center that is picking up the freight
transitTime.requestedDlvrDate	Date			Delivery date as requested by the customer
transitTime.requestedPkupDate	Date			Customer requested pickup date. If not provided, then defaults to the date the request was created.
transitTime.transitDays	Integer			Standard service transit (business) days (excluding weekends and holidays) to move from origin to destination.
transitTime.earliestPkupDate	Date			Earliest date by which the freight should be picked up in order to meet the requested delivery date.

Element	Type	Cardinality	Valid Values or Sample Values	Description
transitTime.note	String			Note about the transit time
transitTime.isPkupDateHoliday	boolean			Set to true if the requested pickup date is holiday or non-working day
transitTime.isrqstdDeliveryDateHoliday	Boolean			Set to true if the requested delivery date is a holiday or non-working day
msgs	Object	Zero to Many		Messages returned from the service call that contain important information
msgs.errorCd	String			*** not used ***
msgs.message	String			Warning or informational message
msgs.fieldName	String			*** not used ***
msgs.fieldValue	String			*** not used ***

3.5 getXpoLtlRateQuote Samples

3.5.1 Rate quote has no accessorials

Request URL: <https://api.ltl.xpo.com/rating/1.0/ratequotes/>

Request Message:

```
{
  "shipmentInfo": {
    "paymentTermCd": "P",
    "accessorials": [],
    "commodity": [{
      "grossWeight": {
        "weight": 500,
        "weightUom": "LBS"
      },
      "nmfcClass": 100,
      "hazmatInd": false,
      "pieceCnt": 2,
      "dimensions": {
        "length": 11,
        "width": 20,
        "height": 50,
        "dimensionsUom": "INCH"
      }
    }
  ]},
  "consignee": {
    "address": {
      "postalCd": "M4B1B3"
    }
  },
  "shipper": {
```

```
        "acctInstId": "1234567"
    },
    "bill2Party": {
        "address": {
            "usZip4": ""
        }
    },
    "shipmentDate": "2018-05-10T12:00:00.000-0700",
    "palletCnt": 0,
    "linealFt": 0
}
}
Response Message:
{
    "code": "201",
    "transactionTimestamp": 1525455060046,
    "data": {
        "rateQuote": {
            "confirmationNbr": "7133312345678893",
            "amclnd": false,
            "deficitRatingInfo": {
                "deficitRate": {
                    "amt": 368.06
                },
                "deficitAmt": {
                    "amt": 0
                }
            },
            "totAccessorialAmt": {
                "amt": 124.37
            }
        }
    }
}
```

```
    },  
    "totCharge": [  
      {  
        "amt": 541.01  
      }  
    ],  
    "totDiscountAmt": {  
      "amt": 1423.66  
    },  
    "shipmentInfo": {  
      "accessorials": [  
        {  
          "accessorialCd": "HMS",  
          "accessorialDesc": "HOMELAND SECURITY FEE, 1/1/03",  
          "chargeAmt": {  
            "amt": 22.5  
          }  
        },  
        {  
          "accessorialCd": "FSC",  
          "accessorialDesc": "FUEL SURCHARGE 24.45%",  
          "chargeAmt": {  
            "amt": 101.87  
          }  
        }  
      ],  
      "commodity": [  
        {  
          "dimensions": {  
            "length": 11,
```

```
        "width": 20,
        "height": 50
    },
    "pieceCnt": 2,
    "grossWeight": {
        "weight": 500
    },
    "charge": {
        "chargeAmt": {
            "amt": 1840.3
        },
        "calcMethod": {
            "perUnitRate": 368.06
        }
    },
    "nmfcClass": "100.0",
    "hazmatInd": false
}
],
"shipper": {
    "address": {
        "postalCd": "72143 "
    }
},
"consignee": {
    "address": {
        "postalCd": "M4B1B3"
    }
},
"paymentTermCd": "P",
```

```
        "comment": "",
        "totCommodityCharge": {
            "amt": 1840.3
        }
    },
    "vspApplied": false
},
"msgs": [],
"transitTime": {
    "destStateCd": "ON",
    "destPostalCd": "M4B1B3",
    "destSicCd": "XKR",
    "estdDlvrDate": 1526367600000,
    "garntInd": true,
    "origPostalCd": "72143",
    "origStateCd": "AR",
    "origSicCd": "LLR",
    "requestedPkupDate": 1525960800000,
    "transitDays": 3
}
}
```

3.5.2 Rate quote contains accessories

```
Request URL: https://api.ltl.xpo.com/rating/1.0/ratequotes/
Request Message:
{
  "shipmentInfo":
  {
    "accessorials":
    [
      {
        "accessorialCd": "ELS",
        "quantity": 110,
        "quantityUom": "Inch"
      },
    ],
  }
}
```

```
"accessorialCd":"OLG",
"quantity":0
},
"commodity":
[
{
"pieceCnt":5,
"packageCode":"PLT",
"grossWeight":
{
"weight":500,
"weightUom":"lbs"
},
"desc":"Wool",
"nmfcClass":"100",
"nmfcItemCd":"057410",
"hazmatInd":false,
  "dimensions" : {
    "length" : 15,
    "width" : 25,
    "height" : 60,
    "dimensionsUom" : "INCH"
  }
},
"freezableInd":false,
"hazmatInd":false,
"paymentTermCd":"P",
"shipmentDate":"2018-02-09T17:00:00.000Z",
  "shipper": {
    "acctInstId": "1234567"
  },
  "consignee": {
    "address": {
      "postalCd": "90210"
    }
  },
  "bill2Party": {
    "address": {
      "usZip4": ""
    }
  }
},
"palletCnt":1
}
}
```

Response Message:

```
{
  "code": "201",
  "transactionTimestamp": 1525455644592,
  "data": {
    "rateQuote": {
      "confirmationNbr": "1237054568789",
      "amcInd": false,
      "deficitRatingInfo": {
        "deficitRate": {
          "amt": 451.98
        },
        "deficitAmt": {
```

```
        "amt": 0
      }
    },
    "totAccessorialAmt": {
      "amt": 323.34
    },
    "totCharge": [
      {
        "amt": 834.98
      }
    ],
    "totDiscountAmt": {
      "amt": 1748.26
    },
    "shipmentInfo": {
      "accessorials": [
        {
          "accessorialCd": "HCD",
          "accessorialDesc": "HIGH COST DELIVERY REGION SRCHG",
          "chargeAmt": {
            "amt": 41.5
          }
        },
        {
          "accessorialCd": "CCS",
          "accessorialDesc": "CALIFORNIA COMPLIANCE SURCHARGE",
          "chargeAmt": {
            "amt": 6.8
          }
        },
        {
          "accessorialCd": "OLG",
          "accessorialDesc": "ORIG LIFTGATE SERVICE",
          "chargeAmt": {
            "amt": 152.5
          }
        },
        {
          "accessorialCd": "FSC",
          "accessorialDesc": "FUEL SURCHARGE 23.95%",
          "chargeAmt": {
            "amt": 122.54
          }
        }
      ]
    },
    "commodity": [
      {
        "dimensions": {
          "length": 15,
          "width": 25,
          "height": 60
        },
        "pieceCnt": 5,
        "grossWeight": {
          "weight": 500
        },
        "charge": {
          "chargeAmt": {
            "amt": 2259.9
          }
        }
      }
    ]
  }
}
```

```

        "calcMethod": {
            "perUnitRate": 451.98
        }
    },
    "nmfcClass": "100.0",
    "hazmatInd": false
}
],
"shipper": {
    "address": {
        "postalCd": "72143 "
    }
},
"consignee": {
    "address": {
        "postalCd": "90210 "
    }
},
"paymentTermCd": "P",
"comment": "",
"totCommodityCharge": {
    "amt": 2259.9
}
},
"vspApplied": false
},
"msgs": [],
"transitTime": {
    "destStateCd": "CA",
    "destPostalCd": "90210",
    "destSicCd": "ULX",
    "estdDlvrDate": 1518595200000,
    "garntInd": true,
    "origPostalCd": "72143",
    "origStateCd": "AR",
    "origSicCd": "LLR",
    "requestedPkupDate": 1518192000000,
    "transitDays": 3
}
}
}

```

3.5.3 Account is Third-Party Bill-To

```

Request URL: https://api.ltl.xpo.com/rating/1.0/ratequotes/

Request Message:
{
  "shipmentInfo":
  {
    "accessorials":[
      {
        "accessorialCd":"ELS",
        "quantity":96,
        "quantityUom":"Inch"
      },
      {
        "accessorialCd":"OLG",
        "quantity":0
      }
    ]
  }
}

```



```
],
"commodity":[
{
"pieceCnt":2,
"packageCode":"PLT",
"grossWeight":
{
"weight":141,
"weightUom":"lbs"
},
"desc":"Fabric",
"nmfcClass":"92.5",
"nmfcItemCd":"057410",
"hazmatInd":false,
"dimensions" : {
"length" : 11,
"width" : 20,
"height" : 50,
"dimensionsUom" : "INCH"
}
}],
"freezableInd":false,
"garntInd":false,
"hazmatInd":false,
"paymentTermCd":"P",
"shipmentDate":"2018-02-09T17:00:00.000Z",
"shipper":
{
"address":
{
"stateCd":"WI",
"countryCd":"US",
"postalCd":"54304"
}
},
"consignee":
{
"address":
{
"stateCd":"WA",
"countryCd":"US",
"postalCd":"98612"
}
},
"bill2Party":
{
"acctInstId":"12345678",
"palletCnt":1
}
}

Response Message:
{
"code": "201",
"transactionTimestamp": 1525453698009,
"data": {
"rateQuote": {
"confirmationNbr": "9877654932183",
"amcInd": false,
"deficitRatingInfo": {
"deficitRate": {
```

```
        "amt": 610.38
      },
      "deficitAmt": {
        "amt": 0
      }
    },
    "totAccessorialAmt": {
      "amt": 199.17
    },
    "totCharge": [
      {
        "amt": 394.02
      }
    ],
    "totDiscountAmt": {
      "amt": 665.79
    },
    "shipmentInfo": {
      "accessorials": [
        {
          "accessorialCd": "OLG",
          "accessorialDesc": "ORIG LIFTGATE SERVICE",
          "chargeAmt": {
            "amt": 152.5
          }
        },
        {
          "accessorialCd": "FSC",
          "accessorialDesc": "FUEL SURCHARGE 23.95%",
          "chargeAmt": {
            "amt": 46.67
          }
        }
      ],
      "commodity": [
        {
          "dimensions": {
            "length": 11,
            "width": 20,
            "height": 50
          },
          "pieceCnt": 2,
          "grossWeight": {
            "weight": 141
          },
          "charge": {
            "chargeAmt": {
              "amt": 860.64
            },
            "calcMethod": {
              "perUnitRate": 610.38
            }
          },
          "nmfcClass": "92.5",
          "hazmatInd": false
        }
      ],
      "shipper": {
        "address": {
          "postalCd": "54304 "
        }
      }
    },
  },
}
```

```
        "consignee": {
            "address": {
                "postalCd": "98612 "
            }
        },
        "paymentTermCd": "P",
        "comment": "Reminder: Single Shipments less than 500 lbs may be subject to a special service charge.",
        "totCommodityCharge": {
            "amt": 860.64
        }
    },
    "vspApplied": false
},
"msgs": [],
"transitTime": {
    "destStateCd": "WA",
    "destPostalCd": "98612",
    "destSicCd": "UPE",
    "estdDlvrDate": 1519113600000,
    "garntInd": true,
    "origPostalCd": "54304",
    "origStateCd": "WI",
    "origSicCd": "XGB",
    "requestedPkupDate": 1518192000000,
    "transitDays": 7
}
}
}
```

4 getXpoLtlRateQuoteDetails

4.1 Description

This service will retrieve the details of an existing rate quote based on its confirmation number. Rate quote details will be sent back in response. Note that the confirmation number is passed in the URL in this format: /ratequotes/{confirmationNbr}. Includes estimated transit time information.

Post-conditions:

- If a valid rate quote confirmation number is provided, then rate quote details for the input rate quote confirmation number are returned.
- If an invalid rate quote confirmation number is provided, a 'Not found' error message is returned.

4.2 Business rules:

1. A valid rate quote confirmation number must be entered.
2. The caller must have permission to access the information.

4.3 Request Elements

Element	Type	Cardinality	Valid Values or Sample Values	Required/Optional (Y/N)	Description
confirmationNbr	String			Y	The rate quote confirmation number.

4.4 Response Elements

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote	Object			
rateQuote.confirmationNbr	String			The rate quote confirmation number
rateQuote.accessorialTariffName	String			*** not used ***
rateQuote.actlDiscountPct	Decimal			The actual discount percentage applied to the linehaul charges of the shipment.
rateQuote.amcAmt	Object			
rateQuote.amcAmt.amt	Decimal			
rateQuote.amcAmt.currencyCd	String			
rateQuote.amcInd	Boolean			*** not used ***
rateQuote.deficitRatingInfo	Object			
rateQuote.deficitRatingInfo.nmfcClass	String			The freight class for this calculation. This will be either the actual class or if the customer has an FAK, it will be the FAK
rateQuote.deficitRatingInfo.nmfcClass.deficitWght	Object			
rateQuote.deficitRatingInfo.nmfcClass.deficitWght.weight	Decimal			
rateQuote.deficitRatingInfo.nmfcClass.deficitWght.weightUom	String		LBS	Unit of weight for deficit weight
rateQuote.deficitRatingInfo.asRatedWeight	Object			
rateQuote.deficitRatingInfo.asRatedWeight.weight	Decimal			
rateQuote.deficitRatingInfo.asRatedWeight.weightUom	String		LBS	Unit of weight for as weighted weight
rateQuote.deficitRatingInfo.deficitRate	Object			
rateQuote.deficitRatingInfo.deficitRate.amt	Decimal			

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.deficitRatingInfo.deficitRate.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.deficitRatingInfo.deficitAmt	Object			
rateQuote.deficitRatingInfo.deficitAmt.amt	Decimal			
rateQuote.deficitRatingInfo.deficitAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.dscntSrcCd	String array			
rateQuote.fscTariffName	String			*** not used ***
rateQuote.inboundZoneCd	String			*** not used ***
rateQuote.InhChargeAmt	Object			
rateQuote.InhChargeAmt.chargeTypeCd	String			Charge types are linehaul, accessorial, tax, discount, COD, cash ppd, cash coll, part ppd, part coll
rateQuote.InhChargeAmt.seq	Integer			Sequence of charge. This is used for accessorials and miscellaneous line items
rateQuote.InhChargeAmt.chargeCd	string		NotifyOnArrival.	a descriptive code identifying the accessorial, tax type, discount, etc. For chargeType codes that have sub codes, this will be used and include the description for them.
rateQuote.InhChargeAmt.chargeAmt	Object			
rateQuote.InhChargeAmt.chargeAmt.amt	Decimal			Linehaul charge amount
rateQuote.InhChargeAmt.chargeAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.InhChargeAmt.minChargeInd	Boolean			Minimum charge indicator. Indicates if the charges associated with the line are the minimum charges for the commodity.
rateQuote.InhChargeAmt.maxChargeInd	Boolean			True if the charge associated with the accessorial line is the maximum charge
rateQuote.InhChargeAmt.calcMethod	Object			
rateQuote.InhChargeAmt.calcMethod.calcMethodTypeCd	String			spot quote, rate-based
rateQuote.InhChargeAmt.calcMethod.quantity	Integer			whatever if being multiplied by unit rate - hours, weight, miles

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.InhChargeAmt.calcMethod.quantityUOM	String			
rateQuote.InhChargeAmt.calcMethod.perUnitRate	Decimal			
rateQuote.InhChargeAmt.calcMethod.perUnitRateEffDate	String			
rateQuote.InhChargeAmt.calcMethod.exchRateInfo	Object			
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.fromCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert from this currency.
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.toCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert to this currency.
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.baseCrncyCd	String			Currency code that is the basis for both the from and to conversions. For example - from SEK to USD and from USD to EUR
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.exchRate	Decimal			The exchange rate to convert amount given in fromCrncyCd to toCrncyCd.
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.exchDate	String			The dates on which this exchange rate is effective.
rateQuote.InhChargeAmt.calcMethod.exchRateInfo.src	String			source of exchange rate
rateQuote.InhChargeAmt.calcMethod.percentageFactor	Decimal			source of exchange rate
rateQuote.InhChargeAmt.responsibleParty	String			A code indicating which party or parties get the revenue from the accessorial - PayToAdvance, PayToPrimary, SplitBetweenAll, SplitAdvancePrimaryOnly, SplitPrimaryBeyondOnly
rateQuote.InhChargeAmt.desc	String			Textual description of charge other than a standard description represented by the description in ChargeTypeCd
rateQuote.InhChargeAmt.reference	Object			*** not used ***
rateQuote.InhChargeAmt.reference.reference	String			*** not used ***
rateQuote.InhChargeAmt.reference.referenceDescr	String			*** not used ***
rateQuote.InhChargeAmt.reference.referenceTypeCd	String			*** not used ***
rateQuote.offShrSIC	String			XPO service center of entry or exit into or from the US

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.offShrTariff	String			*** not used ***
rateQuote.offShrZoneCd	String			*** not used ***
rateQuote.ratingTariffName	String			*** not used ***
rateQuote.totAccessorialAmt	Object			Total accessorial amount
rateQuote.totAccessorialAmt.am t	Decimal			Total accessorial amount
rateQuote.totAccessorialAmt.cur rencyCd	String			ISO 3 Letter Currency codes
rateQuote.totCharge	Object			
rateQuote.totCharge.am t	Decimal			zzxx
rateQuote.totCharge.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.exchangeRate	Object			
rateQuote.exchangeRate.fromCr ncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert from this currency.
rateQuote.exchangeRate.toCrnc yCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert to thi s currency.
rateQuote.exchangeRate.baseC rncyCd	String			Currency code that is the basis for both the from and to conversions. For example - from SEK to USD and from USD to EUR
rateQuote.exchangeRate.exchR ate	String			The exchange rate to convert amount given in fromCrncyCd to toCrncyCd.
rateQuote.exchangeRate.exchD ate	String			The dates on which this exchange rate is effective.
rateQuote.exchangeRate.src	String			The source of the exchange rate
rateQuote.totDiscountAmt	Object			
rateQuote.totDiscountAmt.am t	Decimal			
rateQuote.totDiscountAmt.curren cyD	String			ISO 3 Letter Currency codes
rateQuote.totFSCAmt				
rateQuote.totFSCAmt.chargeTyp eCd	String			Charge type code for the commodity

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.totFSCAmt.seq	Integer			Sequence number for the commodity charge
rateQuote.totFSCAmt.chargeCd	String			Charge code for the commodity charge
rateQuote.totFSCAmt.chargeAmt	Object			
rateQuote.totFSCAmt.chargeAmt.amt	Decimal			
rateQuote.totFSCAmt.chargeAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.totFSCAmt.minChargeInd	Boolean			Minimum charge indicator code for the commodity
rateQuote.totFSCAmt.maxChargeInd	Boolean			Maximum charge indicator code for the commodity
rateQuote.totFSCAmt.calcMethod	Object			*** not used ***
rateQuote.totFSCAmt.calcMethod.calcMethodTypeCd	String			Indicates calculation method: spot quote or rate-based
rateQuote.totFSCAmt.calcMethod.quantity	Integer			*** not used ***
rateQuote.totFSCAmt.calcMethod.quantityUOM	String			*** not used ***
rateQuote.totFSCAmt.calcMethod.perUnitRate	Decimal			Per unit rate of the commodity
rateQuote.totFSCAmt.calcMethod.perUnitRateEffDate	String			*** not used ***
rateQuote.totFSCAmt.calcMethod.exchRateInfo	Object			
rateQuote.totFSCAmt.calcMethod.exchRateInfo.fromCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert from this currency.
rateQuote.totFSCAmt.calcMethod.exchRateInfo.toCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert to this currency.
rateQuote.totFSCAmt.calcMethod.exchRateInfo.baseCrncyCd	String			Currency code that is the basis for both the from and to conversions. For example - from SEK to USD and from USD to EUR
rateQuote.totFSCAmt.calcMethod.exchRateInfo.exchRate	String			The exchange rate to convert amount given in fromCrncyCd to toCrncyCd.
rateQuote.totFSCAmt.calcMethod.exchRateInfo.exchDate	String			The dates on which this exchange rate is effective.
rateQuote.totFSCAmt.calcMethod.exchRateInfo.src	String			The source of the exchange rate

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.totFSCAmt.calcMethod.percentageFactor	Decimal			
rateQuote.totFSCAmt.responsibleParty	String			*** not used ***
rateQuote.totFSCAmt.desc	String			*** not used ***
rateQuote.totFSCAmt.reference	Object			*** not used ***
rateQuote.totFSCAmt.reference.reference	String			*** not used ***
rateQuote.totFSCAmt.reference.referenceDescr	String			*** not used ***
rateQuote.totFSCAmt.reference.referenceTypeCd	String			*** not used ***
rateQuote.totOffShrAccChargeAmt	Object			
rateQuote.totOffShrAccChargeAmt.amt	Decimal			
rateQuote.totOffShrAccChargeAmt.currency	String			ISO 3 Letter Currency codes
rateQuote.totOffShrAmt	Object			
rateQuote.totOffShrAmt.amt	Decimal			
rateQuote.totOffShrAmt.currency	String			ISO 3 Letter Currency codes
rateQuote.totOffShrFscCharge	Object			
rateQuote.totOffShrFscCharge.amt	Decimal			
rateQuote.totOffShrFscCharge.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.totOffShrLnhChargeAmt	Object			
rateQuote.totOffShrLnhChargeAmt.amt	Decimal			
rateQuote.totOffShrLnhChargeAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.totTaxAmt	Object			
rateQuote.totTaxAmt.amt	Decimal			
rateQuote.totTaxAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.shipmentInfo	Object			

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.accessorials	Object			
rateQuote.shipmentInfo.accessorials.accessorialCd	String			
rateQuote.shipmentInfo.accessorials.quantity	Integer			
rateQuote.shipmentInfo.accessorials.accessorialDesc	String			
rateQuote.shipmentInfo.accessorials.accessorialDesc	String			
rateQuote.shipmentInfo.accessorials.chargeAmt	Object			
rateQuote.shipmentInfo.accessorials.chargeAmt.amt	Decimal			
rateQuote.shipmentInfo.accessorials.chargeAmt.currencyCd	String			
rateQuote.shipmentInfo.commodity.pieceCnt	Integer			number of commodity items
rateQuote.shipmentInfo.commodity.packageCode	String		Examples: SKD, PLT, PCS, CRT, BDL, BOX, CAS	Type of Package
rateQuote.shipmentInfo.commodity.grossWeight	Object			The total weight of a shipment of goods, including their packaging such as crates, pallets etc.
rateQuote.shipmentInfo.commodity.grossWeight.weight	Decimal			
rateQuote.shipmentInfo.commodity.grossWeight.weightUom	String		LBS	Unit of measure for gross weight. MUST BE IN LBS.
rateQuote.shipmentInfo.commodity.tareWeight	Object			The weight of the pallet or packaging used to ship a commodity.
rateQuote.shipmentInfo.commodity.tareWeight.weight	Decimal			Tare weight measurement
rateQuote.shipmentInfo.commodity.tareWeight.weightUom	String		LBS	Unit of measurement for tare weight. MUST BE IN POUNDS
rateQuote.shipmentInfo.commodity.charge	Object			Charge for the commodity
rateQuote.shipmentInfo.commodity.charge.chargeTypeCd	String			Charge type code for the commodity
rateQuote.shipmentInfo.commodity.charge.seq	Integer			Sequence number for the commodity charge
rateQuote.shipmentInfo.commodity.charge.chargeCd	String			Charge code for the commodity charge

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.commodity.charge.chargeAmt	Object			
rateQuote.shipmentInfo.commodity.charge.chargeAmt.amt	Decimal			
rateQuote.shipmentInfo.commodity.charge.chargeAmt.currencyCd	String			ISO 3 Letter Currency codes
rateQuote.shipmentInfo.commodity.charge.minChargeInd	Boolean			Minimum charge indicator code for the commodity
rateQuote.shipmentInfo.commodity.charge.maxChargeInd	Boolean			Maximum charge indicator code for the commodity
rateQuote.shipmentInfo.commodity.charge.calcMethod	Object			*** not used ***
rateQuote.shipmentInfo.commodity.charge.calcMethod.calcMethodTypeCd	String			Indicates calculation method: spot quote or rate-based
rateQuote.shipmentInfo.commodity.charge.calcMethod.quantity	Integer			*** not used ***
rateQuote.shipmentInfo.commodity.charge.calcMethod.quantityUOM	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.calcMethod.perUnitRate	Decimal			Per unit rate of the commodity
rateQuote.shipmentInfo.commodity.charge.calcMethod.perUnitRateEffDate	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo	Object			
rateQuote.shipmentInfo.commodity.charge.exchRateInfo.fromCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert from this currency.
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.toCrncyCd	String			Currency Code in standard format e.g. USD. The exchange rate is to convert to this currency.
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.baseCrncyCd	String			Currency code that is the basis for both the from and to conversions. For example - from SEK to USD and from USD to EUR
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.exchRate	String			The exchange rate to convert amount given in fromCrncyCd to toCrncyCd.
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.exchDate	String			The dates on which this exchange rate is effective.

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.commodity.charge.calcMethod.exchRateInfo.src	String			The source of the exchange rate
rateQuote.shipmentInfo.commodity.charge.calcMethod.percentageFactor	Decimal			
rateQuote.shipmentInfo.commodity.charge.responsibleParty	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.desc	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.reference	Object			*** not used ***
rateQuote.shipmentInfo.commodity.charge.reference.reference	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.reference.referenceDescr	String			*** not used ***
rateQuote.shipmentInfo.commodity.charge.reference.referenceTypeCd	String			*** not used ***
rateQuote.shipmentInfo.commodity.volume	Object			Volume of the commodity
rateQuote.shipmentInfo.commodity.volume.volume	Decimal			Volume measurement
rateQuote.shipmentInfo.commodity.volume.volumeUom	String		CFT	Volume unit of measure
rateQuote.commodity.desc	String			
rateQuote.shipmentInfo.commodity.nmfcClass	String			
rateQuote.shipmentInfo.commodity.nmfcItemCd	String			
rateQuote.shipmentInfo.serviceCd	String			
rateQuote.shipmentInfo.bill2Party	Object			
rateQuote.shipmentInfo.bill2Party.acctInstId	String			Database key for customer
rateQuote.shipmentInfo.bill2Party.acctMadCd	String			Business key for customer
rateQuote.shipmentInfo.bill2Party.address	Object			
rateQuote.shipmentInfo.bill2Party.address.addressTypeCd	String			*** not used ***
rateQuote.shipmentInfo.bill2Party.address.name	String			*** not used ***

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.bill2Party.address.careOfName	String			*** not used ***
rateQuote.shipmentInfo.bill2Party.address.addressLine1	String			*** not used ***
rateQuote.shipmentInfo.bill2Party.address.addressLine2	String			*** not used ***
rateQuote.shipmentInfo.bill2Party.address.postOfficeBox	String			*** not used ***
rateQuote.shipmentInfo.bill2Party.address.cityName	String			City name for Mexico city
rateQuote.shipmentInfo.bill2Party.address.stateCd	String			*** not used ***
rateQuote.shipmentInfo.bill2Party.address.countryCd	String			*** not used ***
rateQuote.shipmentInfo.bill2Party.address.postalCd	String			Postal code for US or CA address
rateQuote.shipmentInfo.bill2Party.address.usZip4	String			This is a 4 digit extension to US 5 digit zip code.
rateQuote.shipmentInfo.shipper.acctInstId	String			Database key for customer
rateQuote.shipmentInfo.shipper.madCd	String			Business key for customer
rateQuote.shipmentInfo.shipper.address	Object			
rateQuote.shipmentInfo.shipper.address.addressTypeCd	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.name	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.careOfName	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.addressLine1	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.addressLine2	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.postOfficeBox	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.cityName	String			City name for Mexico city
rateQuote.shipmentInfo.shipper.address.stateCd	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.countryCd	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.postalCd	String			Postal code for US or CA address
rateQuote.shipmentInfo.shipper.address.usZip4	String			*** not used ***

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.consignee	Object			
rateQuote.shipmentInfo.consignee.acctInstID	String			Database key for customer
rateQuote.shipmentInfo.consignee.acctMadCd	String			Business key for customer
rateQuote.shipmentInfo.consignee.address	Object			
rateQuote.shipmentInfo.consignee.address.addressTypeCd	String			*** not used ***
rateQuote.shipmentInfo.consignee.address.name	String			*** not used ***
rateQuote.shipmentInfo.consignee.address.careOfName	String			*** not used ***
rateQuote.shipmentInfo.consignee.address.addressLine1	String			*** not used ***
rateQuote.shipmentInfo.consignee.address.addressLine2	String			*** not used ***
rateQuote.shipmentInfo.shipper.address.postOfficeBox	String			*** not used ***
rateQuote.shipmentInfo.consignee.address.cityName	String			City name of a Mexico city
rateQuote.shipmentInfo.consignee.address.stateCd	String			*** not used ***
rateQuote.shipmentInfo.consignee.address.countryCd	String			*** not used ***
rateQuote.shipmentInfo.consignee.address.postalCd	String			*** not used ***
rateQuote.shipmentInfo.consignee.address.usZip4	String			*** not used ***
rateQuote.shipmentInfo.shipperToConsigneeMiles	integer			*** not used ***
rateQuote.shipmentInfo.paymentTermCd	String		P(Prepaid) or C(Collect)	Shipment payment term code
rateQuote.shipmentInfo.freezeableInd	Boolean			"true" indicates the shipment contains material that can be damaged by freezing
rateQuote.shipmentInfo.commodity.hazmatInd	Boolean			Set to True if there are any hazardous materials
rateQuote.shipmentInfo.commodity.dimensions				Dimensions of the commodity
rateQuote.shipmentInfo.commodity.dimensions.length	decimal			Length of the commodity
rateQuote.shipmentInfo.commodity.dimensions.width	decimal			Width of the commodity

Element	Type	Cardinality	Valid Values or Sample Values	Description
rateQuote.shipmentInfo.commodity.dimensions.height	decimal			Height of the commodity
rateQuote.shipmentInfo.commodity.dimensions.dimensionsUom	String			Unit of measure of the commodity
rateQuote.shipmentInfo.linealFt	Decimal			Total Linear Feet of the Shipment
rateQuote.shipmentInfo.shipmentDate	String			Shipment date
rateQuote.shipmentInfo.shipmentVolume	Volume		Required if shipping to or from Mexico or Hawaii	Shipment volume.
rateQuote.shipmentInfo.shipmentVolume.volume	Number			Volume measurement
rateQuote.shipmentInfo.shipmentVolume.volumeUOM	String		CFT	Volume unit of measure – this will be in cubic feet (CFT)
rateQuote.shipmentInfo.comment				Comments related to the rate quote
rateQuote.shipmentInfo.discountLevel	decimal			Discount level used if no pricing agreement was used.
rateQuote.shipmentInfo.palletCnt	short			Total number of pallets in the shipment.
rateQuote.trailerCnt	decimal			Number of trailers required to convey the shipment.
transitTime	Object			Transit time information
transitTime.destStateCd	String			Destination state code
transitTime.destPostalCd	String			Destination postal code
transitTime.destSicCd	String			Destination service center that is delivering the freight
transitTime.estDlvrDate	date			Delivery date derived from requested pick up date and transit days
transitTime.garntInd	boolean			If true then guaranteed service is available on this service
transitTime.latestPkupDate	date			Latest date by which the freight should be picked up in order to meet the requested delivery date
transitTime.origPostalCd	String			Origin postal code
transitTime.origStateCd	String			Origin state code
transitTime.origSicCd	String			Origin service center that is picking up the freight

Element	Type	Cardinality	Valid Values or Sample Values	Description
transitTime.requestedDlvrDate	Date			Delivery date as requested by the customer
transitTime.requestedPkupDate	Date			Customer requested pickup date. If not provided, then defaults to the date the request was created.
transitTime.transitDays	Integer			Standard service transit (business) days (excluding weekends and holidays) to move from origin to destination.
transitTime.earliestPkupDate	Date			Earliest date by which the freight should be picked up in order to meet the requested delivery date.
transitTime.note	String			Note about the transit time
transitTime.isPkupDateHoliday	boolean			Set to true if the requested pickup date is holiday or non-working day
transitTime.isrqstdDeliveryDateHoliday	Boolean			Set to true if the requested delivery date is a holiday or non-working day

4.5 getXpoLtlRateQuoteDetails Response Samples

4.5.1 Registered user uses a pricing agreement

Request URL:

<https://api.ltl.xpo.com/rating/1.0/ratequotes/4833703479827>

Response Message:

```
{
  "code": "200",
  "transactionTimestamp": 1525120373490,
  "data": {
    "ratequote": {
      "confirmationNbr": "4833703479827",
      "actDiscountPct": 0,
      "InhChargeAmt": {
        "chargeAmt": {
          "amt": 0,
          "currencyCd": "USD"
        }
      }
    }
  },
}
```



```
"totAccessoriamt": {
  "amt": 381.72,
  "currencyCd": "USD"
},
"totCharge": [
  {
    "amt": 2501.11,
    "currencyCd": "USD"
  }
],
"totDiscountAmt": {
  "amt": 0,
  "currencyCd": "USD"
},
"shipmentInfo": {
  "accessorials": [
    {
      "accessorialCd": "DNC",
      "accessorialDesc": "DEST NOTIFICATION",
      "chargeAmt": {
        "amt": 0,
        "currencyCd": "USD"
      }
    },
    {
      "accessorialCd": "CCS",
      "accessorialDesc": "CALIFORNIA COMPLIANCE SURCHARGE",
      "chargeAmt": {
        "amt": 7.5,
        "currencyCd": "USD"
      }
    },
    {
      "accessorialCd": "ZHM",
      "accessorialDesc": "HAZARDOUS MATERIALS",
      "chargeAmt": {
        "amt": 33,
```

```
        "currencyCd": "USD"
      }
    },
    {
      "accessorialCd": "FSC",
      "accessorialDesc": "FUEL SURCHARGE 16.10%",
      "chargeAmt": {
        "amt": 341.22,
        "currencyCd": "USD"
      }
    },
    {
      "accessorialCd": "XLF",
      "accessorialDesc": "LINEAL FOOT 959 MI X $2.21/MI",
      "chargeAmt": {
        "amt": 0,
        "currencyCd": "USD"
      }
    }
  ],
  "commodity": [
    {
      "dimensions": {
        "length": 60,
        "width": 51,
        "height": 40,
        "dimensionsUom": "INCH"
      },
      "pieceCnt": 9,
      "grossWeight": {
        "weight": 500,
        "weightUom": "lbs"
      },
      "charge": {
        "chargeAmt": {
          "amt": 2119.39,
          "currencyCd": "USD"
        }
      }
    }
  ]
}
```

```
        },
        "calcMethod": {
            "perUnitRate": -1
        }
    },
    "nmfcClass": "100.0"
}
],
"bill2Party": {
    "acctInstId": "949252598"
},
"shipper": {
    "address": {
        "cityName": "BEVERLY HILLS",
        "stateCd": "CA",
        "countryCd": "US",
        "postalCd": "90210"
    }
},
"consignee": {
    "address": {
        "cityName": "PORTLAND",
        "stateCd": "OR",
        "countryCd": "US",
        "postalCd": "97209"
    }
},
"paymentTermCd": "C",
"shipmentDate": 1524726000000,
"comment": ""
}
},
"transitTime": {
    "destStateCd": "OR",
    "destPostalCd": "97209",
    "destSicCd": "UPO",
    "estdDlvrDate": 1525071600000,
```

```
        "garntInd": true,  
        "origPostalCd": "90210",  
        "origStateCd": "CA",  
        "origSicCd": "ULX",  
        "requestedPkupDate": 1524751200000,  
        "transitDays": 2  
    }  
}  
}
```

4.6 Pricing agreement not used

Request URL:

<https://api.ltl.xpo.com/rating/1.0/ratequotes/4833705632509>

Response Message:

```
{  
  "code": "200",  
  "transactionTimestamp": 1525120586979,  
  "data": {  
    "ratequote": {  
      "confirmationNbr": "4833705632509",  
      "actDiscountPct": 0,  
      "InhChargeAmt": {  
        "chargeAmt": {  
          "amt": 0,  
          "currencyCd": "USD"  
        }  
      },  
      "totAccessorialAmt": {  
        "amt": 787.57,  
        "currencyCd": "USD"  
      },  
      "totCharge": [  
        {  
          "amt": 3831.25,  
          "currencyCd": "USD"  
        }  
      ],  
    }  
  }  
}
```

```
"totDiscountAmt": {
  "amt": 0,
  "currencyCd": "USD"
},
"shipmentInfo": {
  "accessorials": [
    {
      "accessorialCd": "CCS",
      "accessorialDesc": "CALIFORNIA COMPLIANCE SURCHARGE",
      "chargeAmt": {
        "amt": 7.5,
        "currencyCd": "USD"
      }
    },
    {
      "accessorialCd": "DNC",
      "accessorialDesc": "DEST NOTIFICATION",
      "chargeAmt": {
        "amt": 10.5,
        "currencyCd": "USD"
      }
    },
    {
      "accessorialCd": "ZHM",
      "accessorialDesc": "HAZARDOUS MATERIALS",
      "chargeAmt": {
        "amt": 33,
        "currencyCd": "USD"
      }
    },
    {
      "accessorialCd": "FSC",
      "accessorialDesc": "FUEL SURCHARGE 24.20%",
      "chargeAmt": {
        "amt": 736.57,
        "currencyCd": "USD"
      }
    }
  ]
}
```

```
    },
    {
      "accessorialCd": "XLF",
      "accessorialDesc": "LINEAL FOOT 2238 MI X $1.36/MI",
      "chargeAmt": {
        "amt": 0,
        "currencyCd": "USD"
      }
    }
  ],
  "commodity": [
    {
      "dimensions": {
        "length": 60,
        "width": 51,
        "height": 40,
        "dimensionsUom": "INCH"
      },
      "pieceCnt": 9,
      "grossWeight": {
        "weight": 500,
        "weightUom": "lbs"
      },
      "charge": {
        "chargeAmt": {
          "amt": 3043.68,
          "currencyCd": "USD"
        },
        "calcMethod": {
          "perUnitRate": -1
        }
      },
      "nmfcClass": "100.0"
    }
  ],
  "shipper": {
    "address": {
```

```
        "cityName": "BEVERLY HILLS",
        "stateCd": "CA",
        "countryCd": "US",
        "postalCd": "90210"
    }
},
"consignee": {
    "address": {
        "cityName": "PERRYSBURG",
        "stateCd": "OH",
        "countryCd": "US",
        "postalCd": "43551"
    }
},
"paymentTermCd": "C",
"shipmentDate": 1524726000000,
"comment": ""
}
},
"transitTime": {
    "destStateCd": "OH",
    "destPostalCd": "43551",
    "destSicCd": "XTO",
    "estdDlvrDate": 1525330800000,
    "garntInd": true,
    "origPostalCd": "90210",
    "origStateCd": "CA",
    "origSicCd": "ULX",
    "requestedPkupDate": 1524751200000,
    "transitDays": 5
}
}
}
```

5 getXpoLtlSpotQuote

This service is used to provide a XPO Less-Than-Truckload spot quote rate if available for a single request using origin/destination zip codes, weight, class and commodity dimensions.

5.1 Business Rules

1. To ensure the spot quote rates are used, write the spot quote confirmation number on the Bill of Lading. Note the confirmation number starts with "SQ".
2. Spot Quote rates apply to shipments that take up to 28 feet (1 pup) of a trailer and do not exceed the maximum legal weight limit. Shipments tendered that exceed 1 pup and/or the legal weight limit will be rerated accordingly and the SQ is no longer available. Refer to CNWY 199, Item 234 and Item 30.
3. Spot Quotes are not to be applied to shipments that consist of loose freight.
4. The maximum liability on Spot Quote shipments is \$1.00 per pound.
5. Spot Quotes are not Guaranteed
6. Exclusive Use cannot be used with Spot Quote.
7. To qualify for a Spot Quote, the shipment must be between 5,000 and 25,000 pounds.
8. Spot Quotes are good for one (1) move only. Should the customer desire to move multiple shipments to the same location, they can obtain additional spot quotes.
9. The Spot Quote rate is valid for seven (7) calendar days or five (5) business days.
10. Commodity units to handle must be numeric between 1 and 9,999
11. Commodity length must be numeric and between 12 and 330 inches
12. Commodity width must be numeric and between 12 and 96 inches
13. Commodity height must be numeric and between 12 and 108 inches
14. For drum the length and width must be the same
15. Total floor space for the commodities must not exceed 31,680 square inches

5.2 Request Elements

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
Header	User-Id	String			The registered user id identifying the organization calling the service
Header	Transaction-Timestamp	String	"2016-01-20T00:00:00"		The data of the API request
Header	Content-Type		Application/json	y	
Header	Authorization		Bearer <access token>	Required	
Body	shipmentValue.amt	Decimal			Shipment Value amount
Body	shipmentValue.currencyCd	String	USD		Shipment Value currency
Body	requestedCurrency	String	USD		
Body	pkupDate	String	"2016-01-20"	Y	Shipment Date
Body	shipperAcctId	String	Eg. 99999999	Y (enter 0 if account ID is not available)	Shipper XPO LTL Customer Account Number
Body	shipperPostalCd	String	Eg. 97209 for Portland, OR	Y	Shipper zip code
Body	shipperName	String		Y (enter 0 if account ID is not available)	Shipper Name
Body	consigneeAcctId	String	Eg. "9999999"	Y (enter 0 if account ID is not available)	Consignee XPO LTL customer account number (or 0)
Body	consigneePostalCd	String		Y	Consignee Zip code
Body	consigneeName	String		Y (enter 0 if account ID is not available)	Consignee name
Body	shipperBill2AcctId	String	Eg. "999999"	Y (enter 0 if account ID is not available)	Shipper Bill-To XPO LTL Customer account number (or 0)
Body	consigneeBill2AcctId	String	Eg. "999999"	Y (enter 0 if account ID is not available)	Consignee Bill-To XPO LTL Customer account number (or 0)
Body	thirdBill2AcctId	String	Eg. "999999"	Y (enter 0 if account ID is not available)	Third party Customer account number (or 0)

Body	commodityLine	Array		Y	One or more repetitions (up to 10) of class, weight, dimensions, etc
Body	commodityLine.packageCd	String (3)	"PLT"(Pallet), "SKD"(Skid), "BDL"(Bundle), "CRT"(Carton), "DRM"(Drum), "RCK"(Rack), "TBN"(Tote)	Y	Type of packaging the commodity was originally picked up in.
Body	commodityLine.grossWeight	Decimal		Y	Weight of the specified commodity
Body	commodityLine.grossWeightUom	Decimal	LBS		Defaults to pounds.
Body	commodityLine.piecesCnt	Integer	1 to 9,999	Y	The number of pieces or units of specified commodity
Body	commodityLine.stackableInd	String (1)	"Y" or "N"	Y	Indicates if the packaged commodity can be stacked if the height is less than 49 inches.
Body	commodityLine.length	Integer	Eg. 999.99	Y	The length of the specified commodity
Body	commodityLine.width	Integer	Eg. 999.99	Y	The width of the specified commodity
Body	commodityLine.height	Integer	Eg. 999.99	Y	The height of the specified commodity
Body	commodityLine.dimensionUom	String	Eg. IN		The uom for dimensions. Eg. Inches
Body	commodityLine.nmfcClass	String	"50", "55", "60", "65", "70", "775", "85", "925", "100", , "110", "125", "150", "175", "200", "250", "300", "400", "500"	Y	The NMFC class of the specified commodity sequence
Body	Reference	Array			Zero or more repetitions (up to 100) of reference identifiers

Body	reference	String			Will be returned in the response message
Body	typeCd	String			Will be returned in the response message
Body	Accessorials	Array			
Body	Quantity	Integer			
Body	QuantityUom	String			Unit of measure for quantity
Body	accessorialCd	String			Accessorial Service charge code

5.3 Response Elements

Element	Type	Sample Values	Description
spotQuoteNbr	String	"SQ2000101"	The spot quote number that must be placed on the Bill of Lading.
spotQuoteEffDate	Date	1453334400	The effective date of the spot quote
spotQuoteExpDate	Date	1453852800	The expiration date of the spot quote.
transitDays	Integer	i.e. 99	This is the number of shipping days that it will take to deliver the shipment from time of pickup.
rtgOrigZipCd	String (6)	i.e. "28277"	This is the origin Zip code that was used for rating the spot quote (first 5 characters for U.S.Zip, 6 characters for Canadian Postal Code).
rtgDestZipCd	String (6)	i.e. "44035"	This is the destination Zip code that was used for rating the spot quote (first 5 characters for U.S.Zip, 6 characters for Canadian Postal Code).
totWeightGross	Number (11.2)	i.e. 99999	Total actual weight of the commodities. The total BOL weigh must be within 500 pounds of this weight.
totChargeAmt	Number (13.2)	i.e. 9999.99	This represents total spot quote rate includes fuel does not include ACs or taxes.
InhChargeAmt	Number (13.2)	Not used	Element for future use.
totAccessoriamt	Number (13.2)	Not used	Element for future use.
totFSCChargeAmt	Number (13.2)	Not used	Element for future use.
totTaxAmt	Number (13.2)	Not used	Element for future use.
currencyCd	String (3)	"USD"	The final rate currency code. Currently only "USD" supported.
exchangeRate	Number (13.2)	Not used	Element for future use.
reference	Array		Zero or more repetitions of reference
reference.reference	String	i.e. "XPOSQ"	The reference from the spot quote request.

Element	Type	Sample Values	Description
reference.typeCd	String	i.e. "12345"	The reference type code from the spot quote request.
Accessorials	Array		
accessorialDesc	String		Description of the accessorial charge applied
accessorialCd chargeAmt	String Decimal		Accessorial Charge Code Accessorial Charge Amount

5.4 getXpoLtlSpotQuote Samples

5.4.1 Request a Spot Quote

```

JSON REQUEST:
{
  "requestDateTime": "2016-01-12T09:30:47Z",
  "shipmentValue": {
    {
      "amt": 1000,
      "currencyCd": "USD"
    }
  },
  "requestedCurrency": "USD",
  "pkupDate": "2016-01-21",
  "shipperAcctId": 0,
  "shipperPostalCd": "97209",
  "shipperName": "Shipper Name",
  "consigneeAcctId": 0,
  "consigneePostalCd": "97006",
  "consigneeName": "Consignee Name",
  "shipperBill2AcctId": 0,
  "consigneeBill2AcctId": 0,
  "thirdBill2AcctId": 0,
  "serviceTypeCd": "",
  "commodityLine": [
    {
      {
        "pieceCnt": 3,
        "packageCd": "PLT",
        "stackableInd": "Y",

```

```
    "length": 48,
    "width": 42,
    "height": 48,
    "dimensionUOM": "IN",
    "grossWeight": 5700,
    "grossWeightUOM": "LBS",
    "nmfcClass": "60"
  }
],
"reference": [ {
{   "reference": "",
    "typeCd": ""
  }
]
}
}
JSON REPLY:
{
  "spotQuoteResponseDTODelegate":{
    "requestDateTime":"sqReqDTO.getRequestDateTime()",
    "spotQuoteNbr":"SQ2072704",
    "spotQuoteEffDate":" 1453334400",
    "spotQuoteExpDate":" 1453852800",
    "transitDays":"1",
    "rtgOrigZipCd":"97209",
    "rtgDestZipCd":"97006",
    "totWeightGross":"5000.0",
    "totChargeAmt":"251.0",
    "InhChargeAmt":null,
    "totAccessorialAmt":null,
    "totFSCChargeAmt":null,
    "totTaxAmt":null,
    "currencyCd":"USD",
    "exchangeRate":null,
    "spotQuoteResponseReferenceDTO":null,
    "spotQuoteResponseRateErrorsDTO":null
  }
}
```



6 listRateQuoteAccessorials

This service is used to get a list of valid accessorials, given an origin country and destination country.

6.1 Business Rules

1. Origin and destination countries must be valid country codes.

6.2 Request Elements

Element	Type	Cardinality	Valid Values or Sample Values	Required (Y)	Description
origCountry	String		US or CA or MX	y	Origin country code
destCountry	String		US or CA or MX	y	Destination country code

6.3 Response Elements

Element	Type	Sample Values	Description
accessorial	Object		
accessorial.accessorialCd	String	ACX	3-letter accessorial code
accessorial.accessorialDesc	String	Advancing Charge	Description of the accessorial
accessorial.accessorialType	String	Origin	Indicates whether the accessorial applies to the origin, destination, both, or within certain Hawaii ZIP codes

6.4 listRateQuoteAccessorials Samples

6.4.1 Request Accessorials – Origin and Destination are US

Request URL:
<https://api.ltl.xpo.com/rating/1.0/accessorials/ratequote?origCountry=US&destCountry=US>

Response URL:

```
{
  "code": "200",
  "transactionTimestamp": 1547577512204,
  "data": {
    "accessorial": [
      {
        "accessorialCd": "IBC",
        "accessorialDesc": "IBC IN BOND TIR CARNET",
        "accessorialType": "Destination"
      },
      {
        "accessorialCd": "OLG",
        "accessorialDesc": "OLG ORIG LIFTGATE SERVICE",
        "accessorialType": "Origin"
      },
      {
        "accessorialCd": "DPW",
        "accessorialDesc": "DPW DEST PIER/WHARF LOAD/UNLOAD",
        "accessorialType": "Destination"
      },
      {
        "accessorialCd": "ELS",
        "accessorialDesc": "ELS EXCESSIVE LENGTH SHIPMENT",
        "accessorialType": "Both"
      },
      {
        "accessorialCd": "TDC",
        "accessorialDesc": "TDC TIME DATE CRITICAL/APPOINTMENT",
        "accessorialType": "Both"
      },
      {
        "accessorialCd": "CSD",
        "accessorialDesc": "CSD CONSTR/UTILITY SITE DELIVERY",
        "accessorialType": "Destination"
      }
    ]
  }
}
```

```
},
{
  "accessorialCd": "SRT",
  "accessorialDesc": "SRT DEST PALLETIZE, SORT, SEGREGATE",
  "accessorialType": "Destination"
},
{
  "accessorialCd": "WHI",
  "accessorialDesc": "INSIDE PKUP/DLVRY TRUCK LEVEL",
  "accessorialType": "Hawaii"
},
{
  "accessorialCd": "DSH",
  "accessorialDesc": "DSH DEST SAT, SUN, HOLIDAY DELIVERY",
  "accessorialType": "Destination"
},
{
  "accessorialCd": "CIB",
  "accessorialDesc": "CIB CUSTOMS INBOND U.S.",
  "accessorialType": "Destination"
},
{
  "accessorialCd": "WHN",
  "accessorialDesc": "INSIDE PKUP/DLVRY NON-TRUCK LEVEL",
  "accessorialType": "Hawaii"
},
{
  "accessorialCd": "DID",
  "accessorialDesc": "DID DEST INSIDE DELIVERY",
  "accessorialType": "Destination"
},
{
  "accessorialCd": "ZHM",
  "accessorialDesc": "ZHM HAZMAT",
  "accessorialType": "Origin"
},
{
  "accessorialCd": "RSD",
  "accessorialDesc": "RSD DEST RESIDENTIAL DELIVERY",
  "accessorialType": "Destination"
},
{
  "accessorialCd": "SSC",
  "accessorialDesc": "SSC SINGLE SHIPMENT",
  "accessorialType": "Origin"
},
{
  "accessorialCd": "GUR",
  "accessorialDesc": "GUR XPO LOGISTICS GUARANTEED!",
  "accessorialType": "Both"
},
{
  "accessorialCd": "OSH",
  "accessorialDesc": "OSH ORIG SAT, SUN, HOLIDAY PICKUP",
  "accessorialType": "Origin"
},
{
  "accessorialCd": "DCF",
  "accessorialDesc": "DCF DEST CONTAINER FREIGHT STATION",
  "accessorialType": "Destination"
},
{
  "accessorialCd": "DMS",
  "accessorialDesc": "DMS GOVT AIRPORT MINE GAS OIL DLVRY",
  "accessorialType": "Destination"
},
{
  "accessorialCd": "DAH",
  "accessorialDesc": "DAH AFTER BUSINESS HOURS DELIVERY",
  "accessorialType": "Destination"
},
{
  "accessorialCd": "RSO",
  "accessorialDesc": "RSO ORIG RESIDENTIAL PICKUP",
```



```

    "accessorialType": "Origin"
  },
  {
    "accessorialCd": "OSS",
    "accessorialDesc": "OSS ORIG PALLETIZE, SORT, SEGREGATE",
    "accessorialType": "Origin"
  },
  {
    "accessorialCd": "PED",
    "accessorialDesc": "PED DEST EXHIBITION SITES DELIVERY",
    "accessorialType": "Destination"
  },
  {
    "accessorialCd": "OCF",
    "accessorialDesc": "OCF ORIG CONTAINER FREIGHT STATION",
    "accessorialType": "Origin"
  },
  {
    "accessorialCd": "OIP",
    "accessorialDesc": "OIP ORIG INSIDE PICKUP",
    "accessorialType": "Origin"
  },
  {
    "accessorialCd": "DNC",
    "accessorialDesc": "DNC DEST NOTIFICATION",
    "accessorialType": "Destination"
  },
  {
    "accessorialCd": "PEO",
    "accessorialDesc": "PEO ORIG EXHIBITION SITES PICKUP",
    "accessorialType": "Origin"
  },
  {
    "accessorialCd": "DLG",
    "accessorialDesc": "DLG DEST LIFTGATE SERVICE",
    "accessorialType": "Destination"
  },
  {
    "accessorialCd": "OCS",
    "accessorialDesc": "OCS CONSTR/UTILITY SITE PICKUP",
    "accessorialType": "Origin"
  }
]
}
}

```

6.4.2 Request Accessorials – Origin is US destination is MX

```

Request URL:
https://api.ltl.xpo.com/rating/1.0/accessorials/ratequote?origCountry=US&destCountry=MX

Response Message:

{
  "code": "200",
  "transactionTimestamp": 1547585543008,
  "data": {
    "accessorial": [
      {
        "accessorialCd": "SSC",
        "accessorialDesc": "SSC SINGLE SHIPMENT",
        "accessorialType": "Origin"
      },
      {

```

```
"accessorialCd": "RSD",  
"accessorialDesc": "RSD DEST RESIDENTIAL DELIVERY",  
"accessorialType": "Destination"  
},  
{  
  "accessorialCd": "OLG",  
  "accessorialDesc": "OLG ORIG LIFTGATE SERVICE",  
  "accessorialType": "Origin"  
},  
{  
  "accessorialCd": "RSO",  
  "accessorialDesc": "RSO ORIG RESIDENTIAL PICKUP",  
  "accessorialType": "Origin"  
},  
{  
  "accessorialCd": "OSS",  
  "accessorialDesc": "OSS ORIG PALLETIZE, SORT, SEGREGATE",  
  "accessorialType": "Origin"  
},  
{  
  "accessorialCd": "DRA",  
  "accessorialDesc": "DRA BORDER CROSSING SERVICE",  
  "accessorialType": "Both"  
},  
{  
  "accessorialCd": "CSD",  
  "accessorialDesc": "CSD CONSTR/UTILITY SITE DELIVERY",  
  "accessorialType": "Destination"  
},  
{  
  "accessorialCd": "SRT",  
  "accessorialDesc": "SRT DEST PALLETIZE, SORT, SEGREGATE",  
  "accessorialType": "Destination"  
},  
{  
  "accessorialCd": "OIP",  
  "accessorialDesc": "OIP ORIG INSIDE PICKUP",  
  "accessorialType": "Origin"  
},  
{  
  "accessorialCd": "WHI",  
  "accessorialDesc": "INSIDE PKUP/DLVRY TRUCK LEVEL",  
  "accessorialType": "Hawaii"  
},  
{  
  "accessorialCd": "DNC",  
  "accessorialDesc": "DNC DEST NOTIFICATION",  
  "accessorialType": "Destination"  
},  
{  
  "accessorialCd": "DSH",
```

```
        "accessorialDesc": "DSH DEST SAT, SUN, HOLIDAY DELIVERY",  
        "accessorialType": "Destination"  
    },  
    {  
        "accessorialCd": "CIB",  
        "accessorialDesc": "CIB CUSTOMS INBOND U.S.",  
        "accessorialType": "Destination"  
    },  
    {  
        "accessorialCd": "WHN",  
        "accessorialDesc": "INSIDE PKUP/DLVRY NON-TRUCK LEVEL",  
        "accessorialType": "Hawaii"  
    },  
    {  
        "accessorialCd": "DLG",  
        "accessorialDesc": "DLG DEST LIFTGATE SERVICE",  
        "accessorialType": "Destination"  
    },  
    {  
        "accessorialCd": "DID",  
        "accessorialDesc": "DID DEST INSIDE DELIVERY",  
        "accessorialType": "Destination"  
    }  
  ]  
}
```

Implementation Guide Revision History

API Version	Date	Summary of Changes
1.0	3/10/2017	Initial version
1.0	5/31/2017	<p>GetXpoLtlRateQuote:</p> <p>Request:</p> <ol style="list-style-type: none"> Added an object “shipmentInfo” where everything is now included Changed “bill2PartyAccount” object name to “bill2Party” Changed “commodities” object to “commodity” totalPalletCount renamed to palletCount <p>Response:</p> <ol style="list-style-type: none"> Added an object “shipmentInfo” where shipment information has been moved to. Changed totOffShrAccChargeAmt.currency to totOffShrAccChargeAmt.currencyCd Changed totOffShrLnhChargeAmt.currency to totOffShrLnhChargeAmt.currencyCd <p>GetXpoLtlRateQuoteDetails:</p> <p>Request:</p> <p>No changes</p> <p>Response:</p> <ol style="list-style-type: none"> Added an object “shipmentInfo” Moved accessorials, commodity, serviced, bill2Party, shipper, consignee, shipperToConsigneeMiles, paymentTermCd, shipmentVolume, comment, to shipmentInfo. Added freezableInd, freezableInd, garntInd, hazmatInd, linealFt, shipmentDate, discountLevel, palletCnt, to shipmentInfo. Renamed rateQuote.aMCAmt to rateQuote.amcAmt Added trailerCnt to rateQuote object Renamed rateQuote.aMCInd to rateQuote.amcInd renamed totOffShrFscCharge.currency to totOffShrFscCharge.currencyCd Renamed rateQuote.totTaxAmt.currencyCd to rateQuote.totTaxAmt.currencyCd <p>Also replaced the request/response examples to reflect the new structure.</p>

1.0	6/07/2017	Included the XpoLtlSpotQuote operation (was previously considered a unique API).
1.0	6/23/2017	XpoLtlSpotQuote: corrected the maximum amount of commodityLine items to 10 (changed from 100). indicated the valid range for rateQuote.shipmentInfo.commodity.pieceCnt is commodityLine.pieceCnt is 1 – 9,999 XpoLtlRateQuote: indicated the valid range for rateQuote.shipmentInfo.commodity.pieceCnt is 1 – 9,999
1.0	7/13/2017	* Removed references to DEV environment * Corrected URLs in sample sections
1.0	7/31/2017	Changed the format of the Endpoint Resource Value section
1.0	8/30/2017	GetXpoLtlRateQuoteDetailsResp: * Added the “vspApplied” field to indicate whether or not volume shipment pricing (VSP) was applied * added the “totCommodityCharge” object getXpoLtlSpotQuote: * Added information on how to add the spot quote confirmation number to the BOL (required in order to receive the spot quote rate) * Accessorial information was consolidated into an accessorial object.
1.0	10/24/2017	Corrected shipmentInfo.paymentTermCd to be required (previously only required if the Bill2Party is a pickup/delivery location).
1.0	11/02/07	Extracted the following sections into a common API page on LTO.XPO.com: <ul style="list-style-type: none"> • API security • Rate limits • Health Check • Options • Structure Added explanations of what Volume Shipment Pricing and Spot Quote are.
1.0	12/08/2017	Added instructions on how to use the lineal foot calculator API in conjunction with this API

1.0	3/1/2018	<ul style="list-style-type: none"> • The following spot quote request elements are mandatory (though 0 may be entered if the account ID is not available) <ul style="list-style-type: none"> ○ consigneeAcctId ○ shipperBill2AcctId ○ thirdBill2AcctId • Production endpoint changed • Changed the Spot Quote request sample • getLtlXpoRateQuote request – <ul style="list-style-type: none"> ○ changed shipmentInfo.totalPalletCount to shipmentInfo.palletCnt ○ shipmentInfo.commodity.grossWeight changed to mandatory ○ shipmentInfo.commodity.tareWeight – removed mandatory requirement
1.0	3/22/2018	Added cardinality to rateQuote.totCharge element
1.0	4/10/2018	Changed shipmentInfo.shipmentVolume.volumeUom to shipmentInfo.shipmentVolume.volumeUOM
1.0	5/04/2018	<p>* Added dimension input for commodities, in order to calculate lineal foot and excessive length accessorials. Note that these must be entered as inches; and unit of measure must be designated in inches. Applies to getXpoLtlRateQuote and getXpoLtlRateQuoteDetails.</p> <p>* Added transit time estimation in return from getXpoLtlRateQuote and getXpoLtlRateQuoteDetails</p> <p>* GetXpoLtlRateQuoteResp: Moved rateQuote.shipmentInfo.commodity.totCommodityCharge to rateQuote.shipmentInfo.totCommodityCharge</p> <p>* shipmentInfo.commodity.grossWeight.weightUom – previously LBS or KG were allowed; now only LBS are allowed.</p> <p>* shipmentInfo.commodity.tareWeight.weightUom – previously LBS or KG were allowed; now only LBS are allowed.</p> <p>* rateQuote.shipmentInfo.commodity.grossWeight.weightUom – previously LBS or KG were allowed; now only LBS are allowed.</p> <p>* rateQuote.shipmentInfo.commodity.tareWeight.weightUom – previously LBS or KG were allowed; now only LBS are allowed.</p> <p>* rateQuote.deficitRatingInfo.nmfcClass.deficitWght.weightUom – previously LBS or KG were allowed; now only LBS are allowed.</p> <p>* rateQuote.deficitRatingInfo.asRatedWeight.weightUom – previously LBS or KG were allowed; now only LBS are allowed.</p> <p>* rateQuote.shipmentInfo.commodity.grossWeight.weightUom – previously LBS or KG were allowed; now only LBS are allowed.</p>

		<p>* rateQuote.shipmentInfo.commodity.tareWeight.weightUom – previously LBS or KG were allowed; now only LBS are allowed.</p> <p>* grossWeight UOM – changed sample code value from “LB” to “LBS:”</p> <p>* rateQuote.shipmentInfo.shipmentVolume.volumeUOM – changed this to ONLY accept CFT.</p>
1.0	6/21/2018	<p>Added to business rules that border crossing service is required when crossing the US-Mexico border. If you wish to have XPO Logistics perform the service, please enter a DRA accessorial code.</p> <p>GetXpoLtlSpotQuote – removed “Exhibition sites cannot be used with spot quote” business rule.</p>
1.0	7/11/2018	<ol style="list-style-type: none"> Deleted shipmentInfo.GarntInd input from the input and response of getXpoLtlRateQuote. Use of this is deprecated by the GUR accessorial. Deleted rateQuote.rateQuote.shipmentInfo.garntInd from the response of getXpoLtlRateQuote. Removed garntInd:true from getXpoLtlRateQuote samples. Fixed some object structural typos in rateQuote.shipmentInfo Added a note to use GUR to request guaranteed shipment accessorial.
1.0	8/21/2018	Updated samples of spotQuoteEffDate and spotQuoteExpDate response elements to Unix time stamp format.
1.0	9/25/2018	Updated shipmentInfo.Commodity allowable range to be 1-20 (used to be 1-10)
1.0	11/21/2018	Indicated that maximum total weight for any shipment is 99,999 pounds.
1.0	2/15/2019	Added the listRateQuoteAccessorials service; removed the Accessorials appendix.
1.0	4/26/2019	shipmentInfo.commodity.grossWeight – changed type from String to “object”; removed “not used” (it is mandatory); shipmentInfo.commodity.grossWeight.weight – made mandatory; shipmentInfo.commodity.grossWeight.weightUom – made mandatory.
1.0	4/26/2019	Changed shipmentInfo.palletCnt to shipmentInfo.PalletCnt
1.0	8/23/2019	<p>getXpoLtlSpotQuote:</p> <p>ShipperAcctId – made mandatory (enter 0 if account ID is not available)</p> <p>ShipperName – made mandatory (enter 0 if account ID is not available)</p>

		<p>ConsigneeName – made mandatory (enter 0 if account ID is not available)</p> <p>consigneeAcctId - made mandatory (enter 0 if account ID is not available)</p> <p>consigneeBill2AcctId – added this new field and made mandatory (enter 0 if account ID is not available)</p>
1.0	5/26/2021	Added list of mutually exclusive conditions
1.0	07/18/2021	Updated the Mutual Exclusive conditions to support APT accessorial