API Implementation Guide — Shipment Tracking

Release	1.0
Date	11/12/2018
Document Owner	XPO Less-Than-Truckload IT Service Governance Team
API Name	Shipment Tracking
API Description	The Shipment Tracking API is used to provide the current status or shipment history (if available) for a given LTL PRO number. It can also provide a list of all of the reference numbers that are associated with the PRO number.
Document Purpose	This document details the use the three Shipment Tracking operations: getShipmentStatus, listShipmentReferenceNumbers, and listShipmentTrackingEvents. Each operation will show the request and response interfaces for the operation, describing mandatory and optional elements. They will also specifiy values permitted for a field, any formatting constraints, as well as any errors that may be encountered.
Operation Descriptions	**getShipmentStatus:** Retrieves the shipment status, based on PRO and/or reference numbers **listShipmentReferenceNumbers:** Returns all the reference numbers associated with the given PRO number **listShipmentTrackingEvents:** Returns the shipment history for a single PRO number; optionally, the caller may specify what level of detail should be returned For tracking shipments, use getShipmentStatus to get the current status of a shipment, along with other general shipment information. Use listShipmentTrackingEvents when investigating a possible exception to a shipment.

Table of Contents

1 Introduction

1.1   Purpose

The purpose of this document is to provide a technical guide for the Shipment Tracking 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 Shipment Tracking Execution

2.1   Production Environment

Endpoint:

Production: https://api.ltl.xpo.com/tracking/1.0 (*this endpoint should be used for testing*)

Endpoint Resource Value:

Operation Name	URI Prefix	API Method
getShipmentStatus	/shipments/shipment-status-details	GET
listShipmentReferenceNumbers	/shipments/{proNbr}/reference-numbers	GET
listShipmentTrackingEvents	/shipments/{proNbr}/tracking-events	GET

3 getShipmentStatus

3.1   Description

This operation retrieves status and basic details about a shipment that match the search criteria. The search criteria is based on the PRO number(s) and/or customer reference number(s). The search also includes a list of matched numbers and unmatched numbers.

- The response includes current status, and shipment details (i.e., shipper, consignee, special reference numbers, appointment details).
- Note that the status definitions for this operation are included in the appendix starting on page 41 of the Shipment Tracking Implementation Guide.

3.2 Request Elements

Element	Type	Cardinality	Valid Values or Sample Values	Required/ Optional (Y/N)	Description
referenceNumbers	String	Zero or More		Y	Either a PRO number or any reference number used to identify the shipment

3.3 Response Elements

Note: All response timestamps are in UTC (Universal Time Coordinated) format.

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls	Object	Zero or More		Details about the shipment status
shipmentStatusDtls.shipmentInstId	String			The internal identifier for the shipment
shipmentStatusDtls.proNbr	String			The first part of the unique business identifier to a shipment: the PRO number
shipmentStatusDtls.pkupDate	Date			The second part of the unique identifier to a shipment: the date that the shipment was picked up
shipmentStatusDtls.lastShipmentEvent	Object			The most recent event that occurred for this shipment
shipmentStatusDtls.lastShipmentEvent.eventInstId	String			The internal identifier for the event
shipmentStatusDtls.lastShipmentEvent.seq	Int			The sequence number of the event
shipmentStatusDtls.lastShipmentEvent.eventTypeCd	String			The type of event that happened
shipmentStatusDtls.lastShipmentEvent.eventDesc	String			The description of the event; can be used for display or more information
shipmentStatusDtls.lastShipmentEvent.eventTmst	DateTime			The time that the event occurred
shipmentStatusDtls.lastShipmentEvent.isException	Boolean			Indicates that this event has exception information
shipmentStatusDtls.shipmentStatus	Object			Information about the status of the shipment
shipmentStatusDtls.shipmentStatus.statusCd	String		See Appendix A.	A numeric code value that represents the status
shipmentStatusDtls.shipmentStatus.statusReasonCd	String			Not used
shipmentStatusDtls.shipmentStatus.reason	String			A description of the shipment status; for example, missed pickup, attempted delivery, damaged, disputed, paid short, etc.
shipmentStatusDtls.shipmentStatus.dateTime	DateTime			The timestamp (in milliseconds) when the shipment status was created

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls.shipmentStatus.description	String			A description of the shipment status
shipmentStatusDtls.shipmentStatus.comment	Object			Not used
shipmentStatusDtls.shipmentStatus.comment.commentTypeCd	String			Codes include: Operational Alert, Special Handling Alert, Do not contact
shipmentStatusDtls.shipmentStatus.comment.commentSubTypeCd	String			The sub-category of the comment
shipmentStatusDtls.shipmentStatus.comment.note	String	Zero or More		The text of the comment
shipmentStatusDtls.shipmentStatus.comment.enteredBy	String			An identifier for who entered the comment, such as employee ID, customer ID, or name
shipmentStatusDtls.shipmentStatus.comment.dateTime	DateTime			The timestamp (in milliseconds) when the comment was created
shipmentStatusDtls.currSic	Object			The ltl.xpo service center (SIC) where the shipment is currently located
shipmentStatusDtls.currSic.sic	String			The originating SIC code
shipmentStatusDtls.currSic.component	String			The component that the SIC is part of
shipmentStatusDtls.currSic.cityName	String			The city name part of the address
shipmentStatusDtls.currSic.stateCd	String			The standard postal abbreviation for the state name
shipmentStatusDtls.currSic.countryCd	String			The standard postal abbreviation for the country
shipmentStatusDtls.currSic.locationLink	String			A generated link that will display the service center location information on the XPO website
shipmentStatusDtls.currSic.phoneNbr	String			Phone number of the service center
shipmentStatusDtls.currSic.PostalCd	String			Postal code of the service center
shipmentStatusDtls.currSic.sicName	String			The name of the SIC location
shipmentStatusDtls.origSic	Object			A code that identifies the ltl.xpo service center that is responsible for obtaining this shipment from the shipper; may be from an actual pickup or from the customer dropping the shipment off at our dock
shipmentStatusDtls.origSic.sic	String			The originating SIC code
shipmentStatusDtls.origSic.component	String			The component that the SIC is part of
shipmentStatusDtls.origSic.cityName	String			The city name part of the address

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls.origSic.stateCd	String			The standard postal abbreviation for the state name
shipmentStatusDtls.origSic.countryCd	String			The standard postal abbreviation for the country
shipmentStatusDtls.origSic.locationLink	String			A generated link that will display the service center location information on the XPO website
shipmentStatusDtls.origSic.phoneNbr	String			Phone number of the service center
shipmentStatusDtls.origSic.PostalCd	String			Postal code of the service center
shipmentStatusDtls.origSic.sicName	String			The name of the SIC location
shipmentStatusDtls.destSic	Object			The ltl.xpo service center that is responsible for getting this shipment to the consignee; could be from an actual delivery or from the customer picking it up from our dock
shipmentStatusDtls.destSic.sic	String			The destination SIC code
shipmentStatusDtls.destSic.component	String			The component that the SIC is part of
shipmentStatusDtls.destSic.cityName	String			The city name part of the address
shipmentStatusDtls.destSic.stateCd	String			The standard postal abbreviation for the state name
shipmentStatusDtls.destSic.locationInfo.countryCd	String			The standard postal abbreviation for the country
shipmentStatusDtls.destSic.locationLink	String			A generated link that will display the service center location information on the XPO website
shipmentStatusDtls.destSic.phoneNbr	String			Phone number of the service center
shipmentStatusDtls.destSic.postalCd	String			Postal code of the service center
shipmentStatusDtls.destSic.sicName	String			The name of the SIC location
shipmentStatusDtls.shipperAddr	Object			The name and address information for the shipper for this shipment
shipmentStatusDtls.shipperAddr.addressTypeCd	String			If there is a list of addresses, what type of address it is (e.g. home, work, headquarters, admin offices, billing, etc.); may be empty if only one address
shipmentStatusDtls.shipperAddr.name	String			The shipper's primary name
shipmentStatusDtls.shipperAddr.careOfName	String			The name of an alternate recipient
shipmentStatusDtls.shipperAddr.addressLine1	String			Address line that includes street name, direction and optionally

Element	Type	Cardinality	Valid Values or Sample Values	Description
				building number, unit #, etc. (e.g. 1000 SW Broadway St.)
shipmentStatusDtls.shipperAddr.addressLine2	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g. 1000 SW Broadway St.)
shipmentStatusDtls.shipperAddr.postOfficeBox	String			A PO box number of an address
shipmentStatusDtls.shipperAddr.cityName	String			The city name part of the address
shipmentStatusDtls.shipperAddr.stateCd	String			The standard postal abbreviation for the state name
shipmentStatusDtls.shipperAddr.countryCd	String			The standard postal abbreviation for the country
shipmentStatusDtls.shipperAddr.postalCd	String			The postal code aka zip code in the US. US and Mexico use 5-digit postal codes. Canada uses 6 character postal codes.
shipmentStatusDtls.shipperAddr.usZip4	String			A 4-digit extension to the US 5-digit zip code
shipmentStatusDtls.consigneeAddr	Object			Name and address information for the consignee for this shipment
shipmentStatusDtls.consigneeAddr.addressTypeCd	String			If there is a list of addresses, what type of address it is (e.g. home, work, headquarters, admin offices, billing, etc.); may be empty if only one address
shipmentStatusDtls.consigneeAddr.name	String			The consignee name
shipmentStatusDtls.consigneeAddr.careOfName	String			The name of an alternate recipient
shipmentStatusDtls.consigneeAddr.addressLine1	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g., 1000 SW Broadway St.)
shipmentStatusDtls.consigneeAddr.addressLine2	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g., 1000 SW Broadway St.)
shipmentStatusDtls.consigneeAddr.postOfficeBox	String			A PO box number of an address
shipmentStatusDtls.consigneeAddr.cityName	String			The city name part of the address
shipmentStatusDtls.consigneeAddr.stateCd	String			The standard postal abbreviation for the state name
shipmentStatusDtls.consigneeAddr.countryCd	String			The standard postal abbreviation for the country
shipmentStatusDtls.consigneeAddr.postalCd	String			The postal code aka zip code in the US. US and Mexico use 5-digit postal

Element	Type	Cardinality	Valid Values or Sample Values	Description
				codes. Canada uses 6 character postal codes.
shipmentStatusDtls.consignee Addr.usZip4	String			A 4-digit extension to the US 5-digit zip code
shipmentStatusDtls.billToAddr	Object			Name and address information for a billing party that is acting on behalf of the debtor
shipmentStatusDtls.billToAddr. addressTypeCd	String			If there is a list of addresses, what type of address it is (e.g. home, work, headquarters, admin offices, billing, etc.); may be empty if only one address
shipmentStatusDtls.billToAddr. name	String			Primary name
shipmentStatusDtls.billToAddr. careOfName	String			The name of an alternate recipient
shipmentStatusDtls.billToAddr. addressLine1	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g., 1000 SW Broadway St.)
shipmentStatusDtls.billToAddr. addressLine2	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g., 1000 SW Broadway St.)
shipmentStatusDtls.billToAddr. postOfficeBox	String			A PO box number of an address
shipmentStatusDtls.billToAddr. cityName	String			The city name part of the address
shipmentStatusDtls.billToAddr. stateCd	String			The standard postal abbreviation for the state name
shipmentStatusDtls.billToAddr. countryCd	String			The standard postal abbreviation for the country
shipmentStatusDtls.billToAddr. postalCd	String			The postal code aka zip code in the US. US and Mexico use 5-digit postal codes. Canada uses 6 character postal codes.
shipmentStatusDtls.billToAddr. usZip4	String			A 4-digit extension to the US 5-digit zip code
shipmentStatusDtls.suppRef	Object	Zero or More		Numbers supplied by the customer that are of value to them (e.g., SR#; PO#; etc.)
shipmentStatusDtls.suppRef.r eference	String			The value of the supplemental reference.
shipmentStatusDtls.suppRef.r eferenceDescr	String			The description of the reference
shipmentStatusDtls.suppRef.r eferenceTypeCd	String			PO, Lading number, etc.
shipmentStatusDtls.additional SuppRefInd	Boolean			An indicator to represent additional reference numbers (that is, there are

Element	Type	Cardinality	Valid Values or Sample Values	Description
				more reference numbers than can be returned at one time)
shipmentStatusDtls.startDlvrTime	Time			The time the shipment arrived at the delivery location
shipmentStatusDtls.endDlvrTime	Time			The time the shipment completed delivery
shipmentStatusDtls.dlvrSigNameTxt	String			The name of the consignee's representative who signed for the delivery
shipmentStatusDtls.dlvrSigNameTmst	DateTime			The time when the consignee signed for the delivery
shipmentStatusDtls.chargeToCd	String			Which party is responsible for the charges
shipmentStatusDtls.totPiecesCnt	Integer			The total number of pieces included in the shipment
shipmentStatusDtls.packageCd	String			The type of packaging (e.g., Skik, Box, Pallet, etc.)
shipmentStatusDtls.totWeight	Object			The total weight of the shipment
shipmentStatusDtls.totWeight.weight	Decimal			The actual numeric weight
shipmentStatusDtls.totWeight.weightUom	String			The unit of measurement for the weight
shipmentStatusDtls.totChargeAmt	Object			The total charges for the shipment, including all charges that contribute to the CTS revenue, minus discount in US dollars; includes advance+beyond carrier charges and COD amount
shipmentStatusDtls.totChargeAmt.amt	Decimal			The charge amount
shipmentStatusDtls.totChargeAmt.currencyCd	String			ISO three-letter currency code (e.g. USD)
shipmentStatusDtls.estdDlvrDate	Date			The date the shipment was estimated to be delivered
shipmentStatusDtls.finalDlvrDate	Date			The date the shipment was delivered
shipmentStatusDtls.lateTenderInd	Boolean			Indicates that the shipment was tendered late, which affects the service date
shipmentStatusDtls.codInd	Boolean			Indicates whether this is a COD shipment or not. XPO LTL collects payment during delivery on behalf of the shipper for COD shipments.
shipmentStatusDtls.cshInd	Boolean			Indicates if cash was collected at the time of pick up or should be collected at the time of delivery
shipmentStatusDtls.serviceTypeCd	String			Defines the specific type of service provided for a shipment (Deferred is no longer used). Values: 1 - Normal LTL; 2 - ltl.xpo Deferred Express.

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls.hazmatInd	Boolean			Indicates whether or not a shipment includes any commodities with hazardous materials
shipmentStatusDtls.freezableInd	Boolean			Indicates whether the shipment could freeze
shipmentStatusDtls.garntInd	Boolean			Indicates if the shipment is under the ltl.xpo Guaranteed Service Program
shipmentStatusDtls.warrantyEligibleInd	Boolean			Indicates whether the shipment is eligible for the money-back guarantee if moving between direct points under Tariff CNWY-599
shipmentStatusDtls.eta	Time			The estimated time of arrival at the next leg of schedule
shipmentStatusDtls.driverName	String			The name of the driver transporting the shipment on the next leg
shipmentStatusDtls.tractor	Object			The tractor information for the shipment to the next leg
shipmentStatusDtls.tractor.equipmentInstId	String			The equipment instance ID for the tractor
shipmentStatusDtls.tractor.equipmentTypeCd	String			The type of equipment (e.g., Tractor, Trailer, Dolly, Straight Truck, etc.)
shipmentStatusDtls.tractor.equipmentPrefix	String			The prefix for the equipment number
shipmentStatusDtls.tractor.equipmentSuffix	String			The sequencing or serial part of an equipment unit's identifying number
shipmentStatusDtls.trailer	Object			The trailer information for the shipment to the next leg
shipmentStatusDtls.trailer.equipmentInstId	String			The equipment instance ID for the trailer
shipmentStatusDtls.trailer.equipmentTypeCd	String			The type of equipment (e.g., Tractor, Trailer, Dolly, Straight Truck, etc.)
shipmentStatusDtls.trailer.equipmentPrefix	String			The prefix for the equipment number
shipmentStatusDtls.trailer.equipmentSuffix	String			The sequencing or serial part of an equipment unit's identifying number
shipmentStatusDtls.parentPro	String			The parent shipment for split or co-op shipments
shipmentStatusDtls.appointmentInd	Boolean			Indicates if an appointment is set for the shipment
shipmentStatusDtls.dlvrAppt	Object			The scheduled appointment for delivery
shipmentStatusDtls.dlvrAppt.apptTypeCd	String			The type code for the delivery appointment
shipmentStatusDtls.dlvrAppt.seq	Int			A system-generated sequence number to uniquely identify a notification for a shipment
shipmentStatusDtls.dlvrAppt.startDateTime	DateTime			The date and time at which the delivery appointment starts

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls.dlvrAppt.endDateTime	DateTime			The date and time at which the delivery appointment ends
shipmentStatusDtls.dlvrAppt.callDateTime	DateTime			The timestamp (in milliseconds) for when the call occurred
shipmentStatusDtls.dlvrAppt.apptContact	Object			All of the information about the contact for the delivery appointment
shipmentStatusDtls.dlvrAppt.apptContact.contactFirstName	String			The first name of the contact
shipmentStatusDtls.dlvrAppt.apptContact.contactLastName	String			The last name of the contact
shipmentStatusDtls.dlvrAppt.apptContact.contactTitle	String			The title of the contact
shipmentStatusDtls.dlvrAppt.apptContact.emailAddress	Object	Zero or More		The email address used to communicate with the contact
shipmentStatusDtls.dlvrAppt.apptContact.emailAddress.emailAddr	String			The email address
shipmentStatusDtls.dlvrAppt.apptContact.emailAddress.emailTypeCd	String			The type of email address (e.g., home, work, etc.)
shipmentStatusDtls.dlvrAppt.apptContact.telephone	Object	Zero or More		The full telephone number with country code, extension, etc.
shipmentStatusDtls.dlvrAppt.apptContact.telephone.phoneTypeCd	String			The type of phone number (e.g., daytime, evening, mobile, home, emergency)
shipmentStatusDtls.dlvrAppt.apptContact.telephone.countryCd	Integer			The country code for the phone number
shipmentStatusDtls.dlvrAppt.apptContact.telephone.extension	Integer			The phone extension, if used
shipmentStatusDtls.dlvrAppt.apptContact.telephone.phoneNbr	String			The phone number
shipmentStatusDtls.chatIMAddress	Object			***not currently used***
shipmentStatusDtls.chatIMAddress.name	String			***not currently used***
shipmentStatusDtls.chatIMAddress.value	String			***not currently used***
shipmentStatusDtls.dlvrAppt.contactModePreference	Object			***not currently used***
shipmentStatusDtls.dlvrAppt.contactModePreference.name	String			***not currently used***
shipmentStatusDtls.dlvrAppt.contactModePreference.value	String			***not currently used***
shipmentStatusDtls.dlvrAppt.apptConfirmation	String			The customer-provided reference number for the appointment

Version 1.0

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls.dlvrAppt.rescheduleReasonCd	String			The reason for rescheduling the appointment
shipmentStatusDtls.dlvrAppt.apptStatus	Object			The status of the delivery appointment
shipmentStatusDtls.dlvrAppt.apptStatus.statusCd	String			The status of the shipment (e.g. missed pickup, attempted delivery, damaged, disputed, paid short, etc.)
shipmentStatusDtls.dlvrAppt.apptStatus.statusReasonCd	String			The reason for the shipment status (e.g., No answer, Office closed, Invalid address, Traffic Jam, Cow crossing, etc.)
shipmentStatusDtls.dlvrAppt.apptStatus.reason	String			The reason for the appointment status
shipmentStatusDtls.dlvrAppt.apptStatus.dateTime	DateTime			The timestamp (in milliseconds) when the appointment status was created
shipmentStatusDtls.dlvrAppt.apptStatus.description	String			The description of the appointment status
shipmentStatusDtls.dlvrAppt.apptStatus.comment	Object			The comment for the appointment status.
shipmentStatusDtls.dlvrAppt.apptNote.commentTypeCd	String			Codes include: Operational Alert, Special Handling Alert, Do not contact
shipmentStatusDtls.dlvrAppt.apptNote.commentSubTypeCd	String			The sub-category of the comment.
shipmentStatusDtls.dlvrAppt.apptNote.note	String			The text of the comment.
shipmentStatusDtls.dlvrAppt.apptNote.enteredBy	String			An identifier for who entered the comment, such as employee ID, customer ID, or name
shipmentStatusDtls.dlvrAppt.apptNote.dateTime	DateTime			The timestamp (in milliseconds) when the comment was created.
shipmentStatusDtls.dlvrAppt.apptStatus.dlvrySic	String			The SIC that will deliver freight according to this appointment.
shipmentStatusDtls.dlvrAppt.references	Object	Zero or More		The list of appointment status references.
shipmentStatusDtls.dlvrAppt.references.reference	String			The value of the reference number
shipmentStatusDtls.dlvrAppt.references.referenceDescr	String			The description of the reference
shipmentStatusDtls.dlvrAppt.references.referenceTypeCd	String			PO, lading number, etc.
shipmentStatusDtls.usBrokerAddr	Object			The address information for the US broker
shipmentStatusDtls.usBrokerAddr.addressTypeCd	String			If there is a list of addresses, what type of address it is (e.g. home, work, headquarters, admin offices, billing, etc.); may be empty if only one address
shipmentStatusDtls.usBrokerAddr.name	String			Primary name

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls.usBrokerAddr.careOfName	String			The name of an alternate recipient
shipmentStatusDtls.usBrokerAddr.addressLine1	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g., 1000 SW Broadway St.)
shipmentStatusDtls.usBrokerAddr.addressLine2	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g., 1000 SW Broadway St.)
shipmentStatusDtls.usBrokerAddr.postOfficeBox	String			A PO box number of an address
shipmentStatusDtls.usBrokerAddr.cityName	String			The city name part of the address.
shipmentStatusDtls.usBrokerAddr.stateCd	String			The standard postal abbreviation for the state name
shipmentStatusDtls.usBrokerAddr.countryCd	String			The standard postal abbreviation for the country
shipmentStatusDtls.usBrokerAddr.postalCd	String			The postal code aka zip code in the US. US and Mexico use 5-digit postal codes. Canada uses 6 character postal codes.
shipmentStatusDtls.usBrokerAddr.usZip4	String			A 4-digit extension to the US 5-digit zip code
shipmentStatusDtls.mxBrokerAddr	Object			The address information for the MX broker
shipmentStatusDtls.mxBrokerAddr.addressTypeCd	String			If there is a list of addresses, what type of address it is (e.g. home, work, headquarters, admin offices, billing, etc.); may be empty if only one address
shipmentStatusDtls.mxBrokerAddr.name	String			Primary name
shipmentStatusDtls.mxBrokerAddr.careOfName	String			The name of an alternate recipient
shipmentStatusDtls.mxBrokerAddr.addressLine1	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g., 1000 SW Broadway St.)
shipmentStatusDtls.mxBrokerAddr.addressLine2	String			Address line that includes street name, direction and optionally building number, unit #, etc. (e.g., 1000 SW Broadway St.)
shipmentStatusDtls.mxBrokerAddr.postOfficeBox	String			A PO box number of an address
shipmentStatusDtls.mxBrokerAddr.cityName	String			The city name part of the address.
shipmentStatusDtls.mxBrokerAddr.stateCd	String			The standard postal abbreviation for the state name

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls.mxBroker Addr.countryCd	String			The standard postal abbreviation for the country
shipmentStatusDtls.mxBroker Addr.postalCd	String			The postal code aka zip code in the US. US and Mexico use 5-digit postal codes. Canada uses 6 character postal codes.
shipmentStatusDtls.mxBroker Addr.usZip4	String			A 4-digit extension to the US 5-digit zip code
shipmentStatusDtls.carrierNa me	String			The carrier information for the shipment
shipmentStatusDtls.carrierSca c	String			The Standard Carrier Alpha Code (SCAC®); a US code used to identify road transport companies assigned by the National Motor Freight Traffic Association
shipmentStatusDtls.serviceExc eption	Object	Zero or More		The service exception information for the shipment
shipmentStatusDtls.serviceExc eption.movementSeq	Int			The sequence number of the movement for which this exception applies
shipmentStatusDtls.serviceExc eption.exception	Object			Details about the service exception
shipmentStatusDtls.serviceExc eption.exception.exceptionTyp eCd	String			Examples: missed pickup, attempted delivery, damaged
shipmentStatusDtls.serviceExc eption.exception.exceptionRea sonCd	String			Examples: No answer, Office closed, Invalid address, Traffic Jam, Cow crossing, etc.
shipmentStatusDtls.serviceExc eption.exception.reason	String			The reason for the exception
shipmentStatusDtls.serviceExc eption.exception.rsltnCd	String			The resolution code (e.g., New, Acknowledged, Resolved, Unresolved, Superseded, In-progress, Assigned, etc.)
shipmentStatusDtls.serviceExc eption.exception.dateTime	Datetime			The timestamp (in milliseconds) when the exception was created
shipmentStatusDtls.serviceExc eption.exception.description	String			The description of the exception
shipmentStatusDtls.serviceExc eption.exception.comment	Object			The comment for the exception
shipmentStatusDtls.serviceExc eption.exception.comment.co mmentTypeCd	String			Codes include: Operational Alert, Special Handling Alert, Do not contact
shipmentStatusDtls.serviceExc eption.exception.comment.co mmentSubTypeCd	String			The sub-category of comment
shipmentStatusDtls.serviceExc eption.exception.comment.not e	String			The text of the comment

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentStatusDtls.serviceException.exception.comment.enteredBy	String			An identifier for who entered the comment, such as employee ID, customer ID, or name
shipmentStatusDtls.serviceException.exception.comment.dateTime	Datetime			The timestamp (in milliseconds) when the comment was created
shipmentStatusDtls.serviceException.osdPieces	Integer			Over Short and Damage
matchedSearchReferences	String	Zero or More		Any reference numbers that match
unmatchedSearchReferences	String	Zero or More		Any reference numbers that did not match

3.4   getShipmentStatus Samples

3.4.1   One PRO Number Lookup

Request URL:

https://api.ltl.xpo.com/tracking/1.0/shipments/shipment-status-details?referenceNumbers=282872811

Response message:

```
{

    "code": "200",

    "transactionTimestamp": 1541539144669,

    "data": {

        "shipmentStatusDtls": [

            {

                "proNbr": "282872811",

                "pkupDate": 1540364400000,

                "shipmentStatus": {

                    "statusCd": "23",

                    "reason": "Delivered",

                    "dateTime": 1540836792000,

                    "description": "Delivered by Little Rock, AR "

                },
```

```json
            "currSic": {

                "sic": "LLR",

                "component": "CSA",

                "cityName": "Little Rock",

                "stateCd": "AR",

                "countryCd": "US",

                "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCenterDetail.jsp?SIC=LLR",

                "sicName": "Little Rock"

            },

            "origSic": {

                "sic": "XFK",

                "component": "CEA",

                "cityName": "Walton",

                "stateCd": "KY",

                "countryCd": "US",

                "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCenterDetail.jsp?SIC=XFK",

                "sicName": "Florence Ky"

            },

            "destSic": {

                "sic": "LLR",

                "component": "CSA",

                "cityName": "Little Rock",

                "stateCd": "AR",

                "countryCd": "US",

                "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCenterDetail.jsp?SIC=LLR",
```

```
                "sicName": "Little Rock"

        },

        "shipperAddr": {

                "name": "Meritor Wabco ",

                "addressLine1": "845 Lindbergh Ct",

                "addressLine2": "",

                "cityName": "Hebron",

                "stateCd": "KY",

                "countryCd": "US",

                "postalCd": "41048",

                "usZip4": "8793"

        },

        "consigneeAddr": {

                "name": "XPO Logistics Inc Llc",

                "addressLine1": "2001 Benton St",

                "addressLine2": "",

                "cityName": "Searcy",

                "stateCd": "AR",

                "countryCd": "US",

                "postalCd": "72143",

                "usZip4": "6929"

        },

        "billToAddr": {

                "name": "Road Systems Inc ",

                "addressLine1": "PO Box 9128",

                "addressLine2": "",

                "cityName": "Searcy",
```

```
                    "stateCd": "AR",

                    "countryCd": "US",

                    "postalCd": "72145",

                    "usZip4": "9128"

            },

            "suppRef": [

                {

                        "reference": "282872811",

                        "referenceTypeCd": "PRO#"

                },

                {

                        "reference": "70131986",

                        "referenceTypeCd": "PO#"

                },

                {

                        "reference": "14233329",

                        "referenceTypeCd": "SN "

                },

                {

                        "reference": "80360474",

                        "referenceTypeCd": "SN#"

                }

            ],

            "additionalSuppRefInd": false,

            "dlvrSigNameTxt": "Travis Harris",

            "dlvrSigNameTmst": 1540836791000,

            "chargeToCd": "C",
```

```
                    "totPiecesCnt": 1,

                    "totWeight": {

                            "weight": 446,

                            "weightUom": "Lbs"

                    },

                    "totChargeAmt": {

                            "amt": 160.69,

                            "currencyCd": "USD"

                    },

                    "finalDlvrDate": 1540843992000,

                    "lateTenderInd": true,

                    "codInd": false,

                    "cshInd": false,

                    "serviceTypeCd": "NORMAL",

                    "hazmatInd": false,

                    "freezableInd": false,

                    "garntInd": false,

                    "warrantyEligibleInd": false,

                    "appointmentInd": false,

                    "serviceException": []

            }

    ],

    "matchedSearchReferences": [

        "282872811"

    ],

    "unmatchedSearchReferences": []

}
```

XPO

```
        }
```

3.4.2 Multi PRO Number Lookup

Request URL:

https://api.ltl.xpo.com/tracking/1.0/shipments/shipment-status-details?referenceNumbers=282872811&referenceNumbers=752191856

Reponse Message:

```
 {
     "code": "200",
     "transactionTimestamp": 1541539909711,
     "data": {
         "shipmentStatusDtls": [
             {
                 "proNbr": "282872811",
                 "pkupDate": 1540364400000,
                 "shipmentStatus": {
                     "statusCd": "23",
                     "reason": "Delivered",
                     "dateTime": 1540836792000,
                     "description": "Delivered by Little Rock, AR "
                 },
                 "currSic": {
                     "sic": "LLR",
                     "component": "CSA",
                     "cityName": "Little Rock",
                     "stateCd": "AR",
```

```
                    "countryCd": "US",

                    "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCenterDetail.jsp?SIC=LLR",

                        "sicName": "Little Rock"

                },

                "origSic": {

                        "sic": "XFK",

                        "component": "CEA",

                        "cityName": "Walton",

                        "stateCd": "KY",

                        "countryCd": "US",

                        "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCenterDetail.jsp?SIC=XFK",

                        "sicName": "Florence Ky"

                },

                "destSic": {

                        "sic": "LLR",

                        "component": "CSA",

                        "cityName": "Little Rock",

                        "stateCd": "AR",

                        "countryCd": "US",

                        "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCenterDetail.jsp?SIC=LLR",

                        "sicName": "Little Rock"

                },

                "shipperAddr": {

                        "name": "Meritor Wabco ",

                        "addressLine1": "845 Lindbergh Ct",
```

```
            "addressLine2": "",

            "cityName": "Hebron",

            "stateCd": "KY",

            "countryCd": "US",

            "postalCd": "41048",

            "usZip4": "8793"

        },

        "consigneeAddr": {

            "name": "XPO Logistics Inc Llc",

            "addressLine1": "2001 Benton St",

            "addressLine2": "",

            "cityName": "Searcy",

            "stateCd": "AR",

            "countryCd": "US",

            "postalCd": "72143",

            "usZip4": "6929"

        },

        "billToAddr": {

            "name": "Road Systems Inc ",

            "addressLine1": "PO Box 9128",

            "addressLine2": "",

            "cityName": "Searcy",

            "stateCd": "AR",

            "countryCd": "US",

            "postalCd": "72145",

            "usZip4": "9128"

        },
```

```
"suppRef": [
    {
        "reference": "282872811",
        "referenceTypeCd": "PRO#"
    },
    {
        "reference": "70131986",
        "referenceTypeCd": "PO#"
    },
    {
        "reference": "14233329",
        "referenceTypeCd": "SN "
    },
    {
        "reference": "80360474",
        "referenceTypeCd": "SN#"
    }
],
"additionalSuppRefInd": false,
"dlvrSigNameTxt": "Travis Harris",
"dlvrSigNameTmst": 1540836791000,
"chargeToCd": "C",
"totPiecesCnt": 1,
"totWeight": {
    "weight": 446,
    "weightUom": "Lbs"
},
```

```
            "totChargeAmt": {

                    "amt": 160.69,

                    "currencyCd": "USD"

            },

            "finalDlvrDate": 1540843992000,

            "lateTenderInd": true,

            "codInd": false,

            "cshInd": false,

            "serviceTypeCd": "NORMAL",

            "hazmatInd": false,

            "freezableInd": false,

            "garntInd": false,

            "warrantyEligibleInd": false,

            "appointmentInd": false,

            "serviceException": []

        },

        {

            "proNbr": "752191856",

            "pkupDate": 1540969200000,

            "shipmentStatus": {

                    "statusCd": "43",

                    "reason": "At interim",

                    "description": "At interim "

            },

            "origSic": {

                    "sic": "LLR",

                    "component": "CSA",
```

```
                    "cityName": "Little Rock",

                    "stateCd": "AR",

                    "countryCd": "US",

                    "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCenterDetail.jsp?SIC=LLR",

                    "sicName": "Little Rock"

            },

            "destSic": {

                    "sic": "LLR",

                    "component": "CSA",

                    "cityName": "Little Rock",

                    "stateCd": "AR",

                    "countryCd": "US",

                    "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCenterDetail.jsp?SIC=LLR",

                    "sicName": "Little Rock"

            },

            "shipperAddr": {

                    "name": "Little Rock Ar Shop Llr ",

                    "addressLine1": "6101 Lindsey Rd",

                    "addressLine2": "",

                    "cityName": "Little Rock",

                    "stateCd": "AR",

                    "countryCd": "US",

                    "postalCd": "72206",

                    "usZip4": "3821"

            },
```

```
"consigneeAddr": {

        "name": "Conway Manufacturing ",

        "addressLine1": "2001 Benton St",

        "addressLine2": "",

        "cityName": "Searcy",

        "stateCd": "AR",

        "countryCd": "US",

        "postalCd": "72143",

        "usZip4": "6929"

    },

    "suppRef": [

        {

            "reference": "752191856",

            "referenceTypeCd": "PRO#"

        },

        {

            "reference": "MP1454585",

            "referenceTypeCd": "PO#"

        },

        {

            "reference": "20169463",

            "referenceTypeCd": "PO#"

        }

    ],

    "additionalSuppRefInd": false,

    "dlvrSigNameTxt": "",

    "chargeToCd": "N",
```

```
                    "totPiecesCnt": 1,

                    "totWeight": {

                          "weight": 25,

                          "weightUom": "Lbs"

                    },

                    "estdDlvrDate": 1541055600000,

                    "lateTenderInd": false,

                    "codInd": false,

                    "cshInd": false,

                    "serviceTypeCd": "NORMAL",

                    "hazmatInd": false,

                    "freezableInd": false,

                    "garntInd": false,

                    "warrantyEligibleInd": false,

                    "appointmentInd": false,

                    "serviceException": []

               }

          ],

          "matchedSearchReferences": [

               "282872811",

               "752191856"

          ],

          "unmatchedSearchReferences": []

     }

}
```

3.4.3 Multi PRO Number Partial Result Lookup

Request URL:
https://api.ltl.xpo.com/tracking/1.0/shipments/shipment-status-details?referenceNumbers[]=222222221&referenceNumbers[]=123456782

Response message:

```json
{
  "code": "200",
  "transactionTimestamp": 1476293134075,
  "data": {
    "shipmentStatusDtls": [
      {
        "proNbr": "222222221",
        "pkupDate": 1308034800000,
        "shipmentStatus": {
          "statusCd": "13",
          "reason": "Appointment required at destination",
          "dateTime": 1308256420548,
          "description": "Appointment required at destination Clackamas,
OR as of 06/16/2011"
        },
        "currSic": {
          "sic": "UPO",
          "sicName": "Portland",
          "component": "CWA",
          "cityName": "Clackamas",
          "stateCd": "OR",
          "countryCd": "US",
          "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCe
nterDetail.jsp?SIC=UPO"
        },
        "origSic": {
          "sic": "USB",
          "sicName": "Fontana",
          "component": "CWA",
          "cityName": "Fontana",
          "stateCd": "CA",
          "countryCd": "US",
          "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCe
nterDetail.jsp?SIC=USB"
        },
        "destSic": {
          "sic": "UPO",
          "sicName": "Portland",
          "component": "CWA",
          "cityName": "Clackamas",
          "stateCd": "OR",
          "countryCd": "US",
          "locationLink":
"https://ltl.xpo.com/webapp/servicecenter_app/ServiceCenterInfo/ServiceCe
nterDetail.jsp?SIC=UPO"
        },
        "shipperAddr": {
          "name": "ABC Company Warehouse",
          "addressLine1": "1234 Main Street",
```

```
          "addressLine2": "",
          "cityName": "Ontario",
          "stateCd": "CA",
          "countryCd": "US",
          "postalCd": "91761",
          "usZip4": ""
        },
        "consigneeAddr": {
          "name": "ABC Company ",
          "addressLine1": "1234 Allen Blvd",
          "addressLine2": "",
          "cityName": "Beaverton",
          "stateCd": "OR",
          "countryCd": "US",
          "postalCd": "97005",
          "usZip4": "4896"
        },
        "billToAddr": {
          "name": "ABC Company",
          "addressLine1": "PO Box 1234",
          "addressLine2": "",
          "cityName": "Saint Louis",
          "stateCd": "MO",
          "countryCd": "US",
          "postalCd": "63178",
          "usZip4": "7631"
        },
        "suppRef": [
          {
            "reference": "222222221",
            "referenceTypeCd": "PRO#"
          },
          {
            "reference": "12345",
            "referenceTypeCd": "PO#"
          },
          {
            "reference": "1234-123",
            "referenceTypeCd": "SN#"
          }
        ],
        "additionalSuppRefInd": false,
        "dlvrSigNameTxt": "",
        "chargeToCd": "P",
        "totPiecesCnt": 1,
        "totWeight": {
          "weight": 220,
          "weightUom": "Lbs"
        },
        "estdDlvrDate": 1308578400321,
        "lateTenderInd": false,
        "codInd": false,
        "cshInd": false,
        "serviceTypeCd": "NORMAL",
        "hazmatInd": false,
        "freezableInd": false,
        "garntInd": false,
        "warrantyEligibleInd": false,
        "appointmentInd": true,
        "dlvrAppt": {
```

```
                    "startDateTime": 1308578400321,
                    "callDateTime": 1308163416377,
                    "apptContact": {
                      "contactFirstName": "Anna Anna/Brandon",
                      "telephone": [
                        {
                          "phoneNbr": "(503) 123-1234"
                        }
                      ]
                    },
                    "apptNote": {
                      "note": "req 6/20 7 or 7:30am"
                    }
                  }
                }
              ],
              "matchedSearchReferences": [
                "222222221"
              ],
              "unmatchedSearchReferences": [
                "123456782"
              ]
            }
          }
```

3.4.4 PRO Number and Ref Lookup

Request URL:
https://api.ltl.xpo.com/tracking/1.0/shipments/shipment-status-details?referenceNumbers[]=222222221&referenceNumbers[]=12345KA11

Response message:

```
          {
            "code": "200",
            "transactionTimestamp": 1476295063519,
            "data": {
              "shipmentStatusDtls": [
                {
                  "proNbr": "222222221",
                  "pkupDate": 1308034800000,
                  "shipmentStatus": {
                    "statusCd": "13",
                    "reason": "Appointment required at destination",
                    "dateTime": 1308256420548,
                    "description": "Appointment required at destination Clackamas,
          OR as of 06/16/2011"
                  },
                  "currSic": {
                    "sic": "UPO",
                    "sicName": "Portland",
                    "component": "CWA",
                    "cityName": "Clackamas",
                    "stateCd": "OR",
                    "countryCd": "",
                    "locationLink": ""
                  },
                  "origSic": {
```

```json
                "sic": "USB",
                "sicName": "Fontana",
                "component": "CWA",
                "cityName": "Fontana",
                "stateCd": "CA",
                "countryCd": "",
                "locationLink": ""
              },
              "destSic": {
                "sic": "UPO",
                "sicName": "Portland",
                "component": "CWA",
                "cityName": "Clackamas",
                "stateCd": "OR",
                "countryCd": "",
                "locationLink": ""
              },
              "shipperAddr": {
                "name": "ABC Company Warehouse",
                "addressLine1": "1234 Main Street",
                "addressLine2": "",
                "cityName": "Ontario",
                "stateCd": "CA",
                "countryCd": "",
                "postalCd": "91761",
                "usZip4": ""
              },
              "consigneeAddr": {
                "name": "ABC Company ",
                "addressLine1": "1234 Allen Blvd",
                "addressLine2": "",
                "cityName": "Beaverton",
                "stateCd": "OR",
                "countryCd": "",
                "postalCd": "97005",
                "usZip4": "4896"
              },
              "billToAddr": {
                "name": "ABC Company",
                "addressLine1": "PO Box 1234",
                "addressLine2": "",
                "cityName": "Saint Louis",
                "stateCd": "MO",
                "countryCd": "",
                "postalCd": "63178",
                "usZip4": "7631"
              },
              "suppRef": [
                {
                  "reference": "222222221",
                  "referenceTypeCd": "PRO#"
                },
                {
                  "reference": "12345",
                  "referenceTypeCd": "PO#"
                },
                {
                  "reference": "1234-123",
                  "referenceTypeCd": "SN#"
                }
```

```
            ],
            "additionalSuppRefInd": false,
            "dlvrSigNameTxt": "",
            "chargeToCd": "P",
            "totPiecesCnt": 1,
            "totWeight": {
              "weight": 220,
              "weightUom": "Lbs"
            },
            "estdDlvrDate": 1308578400321,
            "lateTenderInd": false,
            "codInd": false,
            "cshInd": false,
            "serviceTypeCd": "NORMAL",
            "hazmatInd": false,
            "freezableInd": false,
            "garntInd": false,
            "warrantyEligibleInd": false,
            "appointmentInd": true,
            "dlvrAppt": {
              "startDateTime": 1308578400321,
              "callDateTime": 1308163416377,
              "apptContact": {
                "contactFirstName": "Anna Anna/Brandon",
                "telephone": [
                  {
                    "phoneNbr": "(503) 123-1234"
                  }
                ]
              },
              "apptNote": {
                "commentTypeCd": "1",
                "commentSubTypeCd": "2665862163839",
                "note": "req 6/20 7 or 7:30am"
              },
              "rescheduleReasonCd": "    "
            }
          },
          {
            "proNbr": "333333335",
            "pkupDate": 1307948400000,
            "shipmentStatus": {
              "statusCd": "13",
              "reason": "Appointment required at destination",
              "dateTime": 1308227944379,
              "description": "Appointment required at destination Clackamas,
    OR as of 06/16/2011"
            },
            "currSic": {
              "sic": "UPO",
              "sicName": "Portland",
              "component": "CWA",
              "cityName": "Clackamas",
              "stateCd": "OR",
              "countryCd": "",
              "locationLink": ""
            },
            "origSic": {
              "sic": "NMP",
              "sicName": "Memphis",
```

```json
          "component": "CCA",
          "cityName": "Memphis",
          "stateCd": "TN",
          "countryCd": "",
          "locationLink": ""
        },
        "destSic": {
          "sic": "UPO",
          "sicName": "Portland",
          "component": "CWA",
          "cityName": "Clackamas",
          "stateCd": "OR",
          "countryCd": "",
          "locationLink": ""
        },
        "shipperAddr": {
          "name": "XYZ Company ",
          "addressLine1": "5678 Main Street",
          "addressLine2": "",
          "cityName": "Memphis",
          "stateCd": "TN",
          "countryCd": "",
          "postalCd": "38118",
          "usZip4": "7807"
        },
        "consigneeAddr": {
          "name": "XYZ Entertainment",
          "addressLine1": "1234 SE Highway",
          "addressLine2": "",
          "cityName": "Clackamas",
          "stateCd": "OR",
          "countryCd": "",
          "postalCd": "97015",
          "usZip4": ""
        },
        "billToAddr": {
          "name": "XYZ Entertainment Company",
          "addressLine1": "1234 Poplar Ave Fl 11",
          "addressLine2": "",
          "cityName": "Memphis",
          "stateCd": "TN",
          "countryCd": "",
          "postalCd": "38137",
          "usZip4": "5015"
        },
        "suppRef": [
          {
            "reference": "333333335",
            "referenceTypeCd": "PRO#"
          },
          {
            "reference": "234563173",
            "referenceTypeCd": "CN"
          },
          {
            "reference": "12345KA11",
            "referenceTypeCd": "PO"
          },
          {
            "reference": "123466",
```

```
                "referenceTypeCd": "SI"
              },
              {
                "reference": "BOL123456",
                "referenceTypeCd": "SN#"
              }
            ],
            "additionalSuppRefInd": true,
            "dlvrSigNameTxt": "",
            "chargeToCd": "P",
            "totPiecesCnt": 230,
            "totWeight": {
              "weight": 1932,
              "weightUom": "Lbs"
            },
            "estdDlvrDate": 1308322800672,
            "lateTenderInd": false,
            "codInd": false,
            "cshInd": false,
            "serviceTypeCd": "NORMAL",
            "hazmatInd": false,
            "freezableInd": false,
            "garntInd": false,
            "warrantyEligibleInd": false,
            "appointmentInd": true,
            "dlvrAppt": {
              "startDateTime": 1308322800672,
              "endDateTime": 1308348000672,
              "callDateTime": 1308227944379,
              "apptContact": {
                "contactFirstName": "No Call Req 0800-1500",
                "telephone": [
                  {
                    "phoneNbr": "(503) 000-0000"
                  }
                ]
              },
              "apptNote": {
                "commentTypeCd": "1",
                "commentSubTypeCd": "2666507443819",
                "note": ""
              },
              "rescheduleReasonCd": "    "
            }
          }
        ],
        "matchedSearchReferences": [
          "222222221",
          "12345KA11"
        ],
        "unmatchedSearchReferences": []
      }
    }
```

XPO

4 listShipmentReferenceNumbers

4.1 Description

This operation returns all the reference numbers associated with the given PRO number.

4.2 Request Elements

Element	Type	Cardinality	Valid Values or Sample Values	Required/ Optional (Y/N)	Description
proNbr	String			Y	The business common identifier for the shipment in text format
listInfo	Object				The pagination information to retrieve the list

4.3 Response Elements

Element	Type	Cardinality	Valid Values or Sample Values	Description
proNbr	String			The business common identifier for the shipment in text format
References	Object	Zero or More		Reference numbers and types for the PRO number
references.reference	String			The reference number associated with the given PRO number
References.referenceDescr	String			The description of the reference
references.referenceTypeCd	String			Reference number type code to indicate if the number is a PO, SN, etc.

4.4 listShipmentReferenceNumbers Sample

Request URL:
https://api.ltl.xpo.com/tracking/1.0/shipments/235825413/reference-numbers

Response message:

```
{

    "code": "200",

    "transactionTimestamp": 1541540731991,

    "data": {

        "proNbr": "235825413",

        "references": [

            {

                "reference": "58132",

                "referenceDescr": "Purchase Order Number",

                "referenceTypeCd": "PO#"

            }

        ]

    }

}
```

5 listShipmentTrackingEvents

5.1 Description

This operation returns the shipment history for a single PRO number. Optionally, the caller may specify what level of detail should be returned.

5.2 Request Elements

Element	Type	Cardinality	Valid Values or Sample Values	Required/ Optional (Y/N)	Description
proNbr	String			Y	The business common identifier for the shipment in text format
levelOfDetail	String		S: summary All other values or no values: full history	N	The value which determines if summary/milestone detail is included in the response vs. full history.

5.3 Response Elements

Element	Type	Cardinality	Valid Values or Sample Values	Description
proNbr	String			The business common identifier for the shipment in text format
shipmentTrackingEvent	Object	Zero or More		The list of historical events for a shipment
shipmentTrackingEvent.evtHdr	Object			Basic event information
shipmentTrackingEvent.evtHdr.evtInstId	String			The internal identifier of the event
shipmentTrackingEvent.evtHdr.seq	Int			The sequence number of the event for a PRO number
shipmentTrackingEvent.evtHdr.evtTypeCd	String			The type of event that happened for a shipment
shipmentTrackingEvent.evtHdr.evtDesc	String			The description of the event that can be used for display or more information
shipmentTrackingEvent.evtHdr.evtTmst	DateTime			The timestamp (in milliseconds) for the event
shipmentTrackingEvent.evtHdr.isException	Boolean			Indicates that this event has exception information
shipmentTrackingEvent.exceptionInfo	Object			The freight exception information, including osd pieces, reason codes if available, and description

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentTrackingEvent.exceptionInfo.movementSeq	Int			The sequence number of the movement for which this exception applies
shipmentTrackingEvent.exceptionInfo.exception	Object			Information about the exception
shipmentTrackingEvent.exceptionInfo.exception.exceptionTypeCd	String			Examples: missed pickup, attempted delivery, damaged.
shipmentTrackingEvent.exceptionInfo.exception.exceptionReasonCd	String			Examples: No answer, Office closed, Invalid address, Traffic Jam, Cow crossing, etc.
shipmentTrackingEvent.exceptionInfo.exception.reason	String			The reason for the exception
shipmentTrackingEvent.exceptionInfo.exception.rsltnCd	String			The resolution code (e.g. New, Acknowledged, Resolved, Unresolved, Superseded, In-progress, Assigned, etc.)
shipmentTrackingEvent.exceptionInfo.exception.dateTime	DateTime			The timestamp (in milliseconds) for the exception
shipmentTrackingEvent.exceptionInfo.exception.description	String			The description of the exception
shipmentTrackingEvent.exceptionInfo.exception.comment	Object			The comment for the exception
shipmentTrackingEvent.exceptionInfo.exception.comment.commentTypeCd	String			Codes include: Operational Alert, Special Handling Alert, Do not contact
shipmentTrackingEvent.exceptionInfo.exception.comment.commentSubTypeCd	String			The sub-category of the comment
shipmentTrackingEvent.exceptionInfo.exception.comment.note	String			The text of the comment
shipmentTrackingEvent.exceptionInfo.exception.comment.enteredBy	String			An identifier for who entered the comment, such as employee ID, customer ID, or name
shipmentTrackingEvent.exceptionInfo.exception.comment.dateTime	DateTime			The timestamp (in milliseconds) when the comment was created
shipmentTrackingEvent.exceptionInfo.osdPieces	Integer			Over Short and Damage
shipmentTrackingEvent.eventOccrdLoc	Object			The full name of the location
shipmentTrackingEvent.eventOccrdLoc.sic	String			Company SIC code
shipmentTrackingEvent.eventOccrdLoc.sicName	String			The name of the SIC location
shipmentTrackingEvent.eventOccrdLoc.component	String			The component that the SIC is part of

Element	Type	Cardinality	Valid Values or Sample Values	Description
shipmentTrackingEvent.eventOccrdLoc.cityName	String			The city for the SIC
shipmentTrackingEvent.eventOccrdLoc.stateCd	String			The standard postal abbreviation for the state name
shipmentTrackingEvent.eventOccrdLoc.countryCd	String			The standard postal abbreviation for the country
shipmentTrackingEvent.eventOccrdLoc.locationLink	String			A generated link that will display the service center location information on the XPO website

5.4   listShipmentTrackingEvents Sample

Request URL:
https://api.ltl.xpo.com/tracking/1.0/shipments/235825413/tracking-events

Response message:

```
{

    "code": "200",

    "transactionTimestamp": 1541540820541,

    "data": {

        "proNbr": "235825413",

        "shipmentTrackingEvent": [

            {

                "eventHdr": {

                    "eventDesc": "Arrived at Customer",

                    "eventTmst": 1308178575000,

                    "isException": false

                }

            },

            {

                "eventHdr": {

                    "eventDesc": "Reported picked up",
```

```json
                "eventTmst": 1308179210000,

                "isException": false

            }

        },

        {

            "eventHdr": {

                "eventDesc": "Loaded on trailer",

                "eventTmst": 1308179210000,

                "isException": false

            }

        },

        {

            "eventHdr": {

                "eventDesc": "City arrived",

                "eventTmst": 1308186702853,

                "isException": false

            }

        },

        {

            "eventHdr": {

                "eventDesc": "Unloading at dock",

                "eventTmst": 1308192194971,

                "isException": false

            }

        },

        {

            "eventHdr": {
```

```
                        "eventDesc": "Record updated",

                        "eventTmst": 1308192445330,

                        "isException": false

                }

        },

        {

                "eventHdr": {

                        "eventDesc": "Record updated",

                        "eventTmst": 1308192487636,

                        "isException": false

                }

        },

        {

                "eventHdr": {

                        "eventDesc": "PRO Inquiry",

                        "eventTmst": 1308194930088,

                        "isException": false

                }

        },

        {

                "eventHdr": {

                        "eventDesc": "Unloaded from trailer",

                        "eventTmst": 1308195033486,

                        "isException": false

                }

        },

        {
```

```
        "eventHdr": {

            "eventDesc": "Staged to dock location",

            "eventTmst": 1308195033486,

            "isException": false

        }

    },

    {

        "eventHdr": {

            "eventDesc": "PRO Inquiry",

            "eventTmst": 1308197058629,

            "isException": false

        }

    },

    {

        "eventHdr": {

            "eventDesc": "Loaded on trailer",

            "eventTmst": 1308197059897,

            "isException": false

        }

    },

    {

        "eventHdr": {

            "eventDesc": "Closed to USA",

            "eventTmst": 1308197471458,

            "isException": false

        }

    },
```

```
{

    "eventHdr": {

        "eventDesc": "Closed to USA",

        "eventTmst": 1308197752426,

        "isException": false

    }

},

{

    "eventHdr": {

        "eventDesc": "Dispatched",

        "eventTmst": 1308199306000,

        "isException": false

    }

},

{

    "eventHdr": {

        "eventDesc": "Arrived",

        "eventTmst": 1308210141000,

        "isException": false

    }

},

{

    "eventHdr": {

        "eventDesc": "Unloading at dock",

        "eventTmst": 1308213369312,

        "isException": false

    }
```

```
                },
                {
                        "eventHdr": {
                                "eventDesc": "PRO Inquiry",
                                "eventTmst": 1308214701513,
                                "isException": false
                        }
                },
                {
                        "eventHdr": {
                                "eventDesc": "Unloaded from trailer",
                                "eventTmst": 1308214819894,
                                "isException": false
                        }
                },
                {
                        "eventHdr": {
                                "eventDesc": "Staged to dock location",
                                "eventTmst": 1308214819894,
                                "isException": false
                        }
                },
                {
                        "eventHdr": {
                                "eventDesc": "PRO Inquiry",
                                "eventTmst": 1308215197155,
                                "isException": false
```

```
                }
            },
            {
                "eventHdr": {
                    "eventDesc": "Loaded on trailer",
                    "eventTmst": 1308215198727,
                    "isException": false
                }
            },
            {
                "eventHdr": {
                    "eventDesc": "Closed to UPO",
                    "eventTmst": 1308219598206,
                    "isException": false
                }
            },
            {
                "eventHdr": {
                    "eventDesc": "Schedule dispatched",
                    "eventTmst": 1308219761000,
                    "isException": false
                }
            },
            {
                "eventHdr": {
                    "eventDesc": "Loaded on trailer",
                    "eventTmst": 1436272386833,
```

Version 1.0

```
                    "isException": false

                }

            },

            {

                "eventHdr": {

                    "eventDesc": "Record updated",

                    "eventTmst": 1436530517648,

                    "isException": false

                }

            },

            {

                "eventHdr": {

                    "eventDesc": "Unloaded from trailer - Emptied",

                    "eventTmst": 1436530802211,

                    "isException": false

                }

            }

        ]

    }

}
```

6 Appendices

6.1 Shipment Status Codes

The first line on the sample files is the request url.

Message	Description	Code
All short	The destination service center is reporting the shipment as all short because it has not arrived there as scheduled.	15
Appointment required at destination	The shipment is being held at the destination service center until an appointment for delivery has been set or met at the request of the receipient.	13

Message	Description	Code
Arrived at destination	The shipment has arrived at the destination service center.	6
Arrived at interim	The shipment has arrived at an interim service center.	3
At destination	The shipment is at the destination service center.	44
At interim	The shipment is at an interim service center.	43
At origin	The shipment is at the origin service center.	25
Attempted delivery	Delivery was attempted by the destination service center; however, the receipient was not able to receive it. The shipment will not be taken back out for delivery until either the consignee or the shipper has contacted XPO Logistics with further instructions.	19
Awaiting unloading at consignee	The shipent is awaiting unloading by the recipient at their location.	18
BOL Image available	BOL image of shipment is now available.	31
Consolidating shipments per consignee	The shipments are being consolidated onto a trailer at the destination service center for future delivery per request from the recipient.	10
Delayed en route to destination	The shipment has been delayed en route to the destination service center.	7
Delayed en route to interim	The shipment has been delayed en route to the interim service center.	4
Delivered by	The shipment has been delivered to the recipient.	23
Delivered part short	Only a portion of the total shipment was delivered to the recipient by the destination service center. The number of pieces short is shown under Exceptions.	20
Delivery Receipt Image available	Delivery receipt image of shipment is now available.	30
En route to destination	The shipment is en route to the destination service center.	5
En route to interim	The shipment is en route to an interim service center.	2
En route to Alaska	The shipment has arrived at an interim service center in Alaska.	38
En route Hawaii	The shipment has arrived at an interim service center in Hawaii.	39
En route to Puerto Rico	The shipment has arrived at an interim service center in Puerto Rico.	40
Final delivery pending review	The children of this parent shipment have been delivered, but there may be a discrepancy in the total weight requiring a manual review of all the shipping documents. Upon completion of this review, the shipment will be changed to Final Delivered status.	28
Follow-up delayed	Sorry for the delay, we hope the possible delay notification was helpful.	35
Folow-up on time	Arrived on time, but a possible delay notification was sent.	34
Holding on dock for cartage carrier at destination	A forwarding cartage carrier has been notified that this shipment awaits their retrieval at the destination service center. Upon taking possesssion, the cartage carrier assumes the responsiblity to deliver the shipment to the receipient.	14
Holding on dock for Customs clearance at destination	The shipment is being held at the destination service center awaiting Customs clearance.	11
International shipment from Mexico has been tendered to the broker	The shipment has been tendered to the broker and is in transit from Mexico.	42

Message	Description	Code
International shipment to Mexico has been tendered to the broker	The shipment has been tendered to the broker and is in transit to Mexico.	41
Late	Your shipment will not be delivered today.	37
Late but no possible delay notification sent	Late, but no possible delay notification sent.	36
Non-Movement PRO (parent)	This shipment consists of multiple PRO numbers because it has been split and loaded onto more than one trailer due to either space availability or as directed by the shipping documents. This PRO acts as the 'parent' (master) for the split shipments while each portion or split (which we will refer to as 'children') has been assigned an additional freight bill number.	24
Out for delivery	The shipment is out for delivery to the recipient.	8
Overage	The shipment is an overage.	27
Picked up	The shipment has been picked up and recorded in our system by the origin service center.	1
Possible Delay Notification	This shipment may be delayed.	33
Recorded in system	The shipment details have been recorded in our system.	32
Refused delivery	The recipient refused delivery. The shipment is at the destination service center awaiting further instructions from the shipper.	21
Refused for damage	The recipient refused the shipment because of damage. The shipment will remain at the destination service center pending further instructions from the shipper.	22
Returned to dock, no attempt to deliver	The shipment has been returned to the destination service center dock with no attempt to deliver. The shipment will go back out for delivery the next business day.	17
Shipment has been canceled	The shipment has been canceled by the service center.	26
Transfer	This shipment is in transfer status.	29
Undeliverable	An unsuccessful attempt to deliver this shipment has been made and the shipment is now considered undeliverable. The shipment will remain at the destination service center until the shipper contacts XPO Logistics with further instructions.	12

7 Glossary of Shipment Terms

Shipment Term	Description
After Hours Pickup	After Hours Pickup indicates that the shipment was picked up after normal hours. Delivery date calculations begin the next business day rather than on the pickup date.
Est Dlvr	Estimated Delivery Date is the date that a shipment is estimated to be delivered, within the standard number of days established for XPO Logistics' transit time between the origin and destination points listed on the bill of lading.
SCAC	SCAC® (Standard Carriers Alpha Code) deliveries are shipments that are destined to locations that XPO Logistics does not service directly; therefore, we must forward them to a carrier who will deliver the shipment to the ultimate destination.
Service Exempted	Service Exemption is processed by XPO Logistics with exclusive discretion under the following circumstances: 1. When freight movement is significantly delayed due to acts of God, weather, or due to the intervention of a governmental authority, including

| | | when freight movement is delayed due to the closure of a road or highway on the scheduled route by federal, state, or local authorities. |
| | | 2. When Customs delays freight movement at border crossings. Exemption allowed only if the delay is two hours or more and is caused by Customs clearing the freight at the border-crossing point, assuming that the shipment arrived on-time at the border. |

8 Implementation Guide Revision History

API Version	Date	Summary of Changes
1.0	11/01/2016	**Initial version**
1.0	8/1/2017	Operation descriptions: added additional information about the information the operations return, and information on when to use each operation.

1.0	11/02/2017	Extracted the following sections into a common API page on LTO.XPO.com:
		    API security
		    Rate limits
		    Health Check
		    Options
		    Structure

1.0	10/29/2018	Fixed URL in getShipmentStatus sample (removed erroneous brackets)
1.0	11/12/2018	GetShipmentStatus response: 1. Replaced shipmentStatusDtls.origSic.locationInfo.address.cityName shipmentStatusDtls.origSic.locationInfo.address.stateCd shipmentStatusDtls.origSic.locationInfo.address.countryCd shipmentStatusDtls.origSic.locationInfo.address.locationLink with shipmentStatusDtls.origSic.cityName shipmentStatusDtls.origSic. stateCd shipmentStatusDtls.origSic.countryCd shipmentStatusDtls.origSic. locationLink 2. added shipmentStatusDtls.origSic.phoneNbr shipmentStatusDtls.origSic.PostalCd 3. Replaced shipmentStatusDtls.currSic.locationInfo.address.cityName shipmentStatusDtls.currSic.locationInfo.address.stateCd shipmentStatusDtls.currSic.locationInfo.address.countryCd shipmentStatusDtls.currSic.locationInfo.address.locationLink with shipmentStatusDtls.currSic.cityName shipmentStatusDtls.currSic. stateCd shipmentStatusDtls.currSic.countryCd shipmentStatusDtls.currSic. locationLink

		4. Added shipmentStatusDtls.currSic.phoneNbr shipmentStatusDtls.currSic.PostalCd 5. Changed shipmentStatusDtls.dlvrAppt.apptStatus.comment.commentTypeCd shipmentStatusDtls.dlvrAppt.apptStatus.comment.commentSubTypeCd shipmentStatusDtls.dlvrAppt.apptStatus.comment.note shipmentStatusDtls.dlvrAppt.apptStatus.comment.enteredBy shipmentStatusDtls.dlvrAppt.apptStatus.comment.dateTime to shipmentStatusDtls.dlvrAppt.apptNote.commentTypeCd shipmentStatusDtls.dlvrAppt. apptNote.commentSubTypeCd shipmentStatusDtls.dlvrAppt.apptNote.note shipmentStatusDtls.dlvrAppt. apptNote.enteredBy shipmentStatusDtls.dlvrAppt.apptNote.dateTime 6. Added the following – NOTE THESE ARE NOT CURRENTLY IN USE, but are in the API operation interface: shipmentStatusDtls.chatIMAddress shipmentStatusDtls.chatIMAddress.name shipmentStatusDtls.chatIMAddress.value shipmentStatusDtls.dlvrAppt.contactModePreference shipmentStatusDtls.dlvrAppt.contactModePreference.name shipmentStatusDtls.dlvrAppt.contactModePreference.value 7. Updated samples to identify information for changed fields 8. Changed the descriptions for shipmentStatusDtls.startDlvrTime and shipmentStatusDtls.endDlvrTime