Tracking/UPS Signature Tracking®

Web Service Developer Guide

January 19,2024

Important Information

UPS Developer Kit APIs

Your development of an application using UPS Developer Kit APIs is governed by the UPS Technology Agreement you entered into with UPS. The following are key legal requirements from these agreements for the UPS Developer Kit APIs. For more information on all requirements for the UPS Developer Kit APIs, please refer to the UPS Technology Agreement.

Defined terms used but not defined in this document have the meaning set forth in the UPS Technology Agreement.

Key Legal Requirements for UPS Developer APIs

Permitted Territories

This document can only be used in the countries of the Permitted Territory as defined in the UPS Technology Agreement, as applicable.

Use

The application must not be designed to allow distribution of information received through the UPS Developer Kit APIs to third parties, other than to persons having a bona fide interest in such information (e.g., the shipper, receiver, or the third party payer, or to your service providers authorized by UPS).

Consent to Use of UPS Mark

- All screens or forms generated by your application including information received through the UPS Developer Kit APIs must include (1) the UPS Mark positioned in reasonable proximity to the Information and of an appropriate size to readily identify the source of the Information as UPS and (2) the following language at the bottom of every screen that displays the UPS Mark: "UPS, the UPS brand mark, and the Color Brown are trademarks of United Parcel Service of America, Inc. All Rights Reserved." Except as set forth in the preceding sentence, you have no right to use the UPS Mark without the prior written approval of UPS.

- You shall not use the UPS Mark in association with any third party trademarks in a manner that might suggest co-branding or otherwise create potential confusion as to source or sponsorship of the application, or ownership of the UPS Mark.

- The UPS Mark shall be used only as provided by UPS electronically or in hard copy form. The UPS Mark may not be altered in any manner, including proportions, colors, elements, etc., or animated, morphed or otherwise distorted in perspective or dimensional appearance.

- The UPS Mark may not be combined with any other symbols, including words, logos, icons, graphics, photos, slogans, numbers, or other design elements. A minimum amount of empty space must surround the UPS Mark separating it from any other object, such as type, photography, borders, edges, etc. The required area of empty space around the UPS Mark must be 1/3x, where x equals the height of the UPS Mark.

Copyright and Proprietary Notice

In your application and any POD Letters you prepare, you must include a prominent reproduction of UPS's copyright and proprietary notices in a form and format specified by UPS (See the Copyright section of this document).

Display of Information

The application must not display information concerning any other provider of shipping services or such other shipping services on any page, whether comprising one or more frames, displaying information your application receives from the UPS Developer Kit APIs. Your application must present all data within each field received through the UPS Developer Kit APIs without amendment, deletion, or modification of any type.

Notice

In all communications with UPS concerning this document, please refer to the document date located on the cover.

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Table of Contents

Chapter 1: Introduction

In this document, you will find guidance and instructions for integrating the Tracking Web Service into your application, service, or system.

In this guide, you will find:

- New release features
- Tracking Web Service API functionality and business rules
- Web service API request and response schema
- FAQs for the Tracking API
- Tracking error response code descriptions
- Service code references

This guide applies to the following API:

- SOAP API for the Tracking Web Service

This guide does not apply to the following APIs:

- Tracking XML API

Intended Audience

This guide is intended for developers who will be integrating the Tracking Web Service API into their application, service, or system.

Required Knowledge & Skills

This guide assumes you have a basic understanding of the following:

- Concepts and instructions in the *Introduction to the UPS Developer Kit* guide
- XML syntax and structure
- Web services
- Software development

How to Use this Guide

- If this is your first time working with the UPS Developer Kit, begin with the *Introduction to the UPS Developer Kit* guide. This guide serves as the foundation for all API-specific developer guides.
- If you are experienced with the UPS Developer Kit but have not yet worked with the Tracking API, continue with Chapter 2: Understanding the Tracking API. There you will find an overview of the Tracking functionality and business rules.
- Chapter 3: Customer Integration Environment (CIE) contains information on UPS integration environments.
- Chapter 4: Tracking API Elements and Details contains an overview of the top-level containers and elements that comprise the Tracking request and response.
- Request and response examples are located in Chapter 5: Tracking Web Service Examples.
- Reference tables, services codes, and error codes are located in the Appendices.

Release Features

August 2022

Description
Flight Indicator Tracking will now include the flight indicator, will be used to display a plane icon and details on the status of the UPS Premier Package so that the user will know their package is currently on a plane. The locations will update once the package is no longer in flight. New subversion 2207 has been added for Flight Indicator.

October 2020

Description

UPS Premier
UPS® Premier is a contract service that will provide additional visibility to critical healthcare-specific movements for the following services:
    • UPS® Premier Silver
    • UPS® Premier Gold
    • UPS® Premier Platinum
 	
Tracking will now include the premier accessorial, code and description in the tracking response when requested.
New subversion 2009 has been added for UPS Premier.

January 2020

No changes

Chapter 2: Understanding the Tracking API

Business Rules

General

- UPS expects schema elements/tags as defined in the XPath and presented in the schema structure without spelling or structural deviations. Elements/tags that are not defined in the schema or do not conform to the schema structure will be ignored by UPS.

- Only users that plan to ship packages manifested, tendered, and delivered by UPS can use the API.

- Any customers/developers abusing or data mining the API will have their access revoked.

- To access API documentation the user must have or create a UPS profile.

- To access testing and production sites the user must have an Access Key. To get an Access Key you must have a UPS profile and an associated shipping account. For additional information, refer to the *UPS Developer Kit User Guide*.

Tracking

- The Tracking API supports Package shipments.

- UPS has a rule that header information must be established before the shipment can be displayed. Header information is established at the billing point; this usually occurs the night of the shipment.

- Some Tracking data may not be returned in the response because the data rolled off. Database retention times:

   o Manifest information, and Manifest Voided scans: 120 days

   o Exceptions scans: 120 days

   o In Transit scans like Origin/Arrivals/Departures/Destination scans: 120 days

   o Delivery records and signature images: 120 days

- Trade Direct small package manifest uploads are kept in an advanced PLD database, and only released for visibility after the Origin scan is applied to the label.

UPS Signature Tracking®

The Signature Tracking API gives client applications access to UPS Signature Tracking information. If UPS has successfully delivered a shipment or package to its destination, tracking requests may return signature information for the delivery. The response can include the name of the person who signed for the delivery, an image of that person's signature, or a full proof of delivery letter. For more information on proof of delivery letters, please consult the appendix.

Tracking Usage Guidelines

The following guidelines are included so all UPS customers can use UPS Tracking without delays:

- Ensure tracking requests are valid. If your request returns an error message such as "tracking number not found", "no information available", or "invalid tracking number", you should research the cause of the error before continuing to track the same number.

- When the results of a tracking request indicate a "delivered" status, do not continue to track the package.

- Track packages during "off hours" whenever possible. Off hours are from 5:00 pm to 8:00 am East Coast time.

- Use your UPS service level (Early, Next Day Air, etc.) to determine the best time of day to track and receive up to the minute tracking information.

- Evenly distribute your information requests over the remaining 19-hour window.

- Refrain from tracking the same numbers continually throughout the day. Unique tracking numbers should be tracked no more than once per hour or a maximum of 24 times in a single day.

- Avoid automatic access between 10:00 am to 3:00 pm EST. However, you may track critical packages during this time.

📄 If daily/weekly tracking requests exceed daily shipping volume by a large margin, UPS reserves the right to suspend tracking for that account until the situation is rectified. If a resolution cannot be found and implemented, tracking for that account may be terminated.

Identifying a Package or Shipment

Applications can request tracking based on a tracking number, shipment identification number, or reference number.

Tracking Numbers

UPS uses tracking numbers to identify and track packages in its system. Applications can use this tracking number to track, locate, and verify arrival of a package. A successful query by tracking number returns information for the specific package within a shipment. For example, if a package shipment contained four individual packages, the query response would show a shipment containing the one package out of four with the associated tracking number.

📄 **NOTE**: Tracking numbers are available up to 120 days after delivery. UPS makes every effort to ensure that a tracking number uniquely identifies a package for 120 days. However, it is possible that a tracking number may be reused within a shorter time period. If this occurs, a query by tracking number returns all packages matching the tracking number.

Shipment Identification Numbers

UPS uses shipment identification numbers to identify and track every shipment as it moves through the UPS system. A shipment may be a single transaction with multiple packages shipment.

For package shipments, a successful query by shipment identification number returns all of the packages within a shipment. For example, if a shipment contained four packages, the query response would show all four packages.

📄 **NOTE**: UPS makes every effort to ensure that a shipment identification number uniquely identifies a shipment for up to 120 days. However, it is possible that a shipment identification number may be reused within a shorter time period. If this occurs, a query by shipment identification number returns all shipments matching the shipment identification number.

Candidate Bookmarks

Client applications (or their users) can examine the list of candidates to identify the desired shipment. Once the candidate is identified, the application can issue another tracking request. By including the candidate bookmark information for the appropriate shipment in this second request, the application eliminates ambiguity and can receive correct tracking results.

Reference Numbers

The ability to track any UPS package or shipment by reference number gives applications added flexibility and convenience. Reference numbers can be a purchase order number, job number, or a group of words identifying a shipment (such as "10 widgets" or "gift for mom").

- Applications can assign a reference number to an individual package or to all packages in a shipment.

- A reference number can contain any combination of letters and numbers up to 35 characters.

- Applications assign a reference number when they upload electronic shipping data to UPS.

- A successful query by reference number returns all of the packages within a shipment identified by the reference number. For example, if a shipment contained four packages, and two of the packages were tagged with the reference number, "10 widgets," the query response would show a shipment containing those two packages.

Since reference numbers are assigned by customers, UPS cannot guarantee the uniqueness of a reference number across all packages shipped through the UPS system. To resolve this ambiguity, a search specification may contain any of the following qualifiers:

- Pickup date range: A range of dates within which UPS picked up the package. The default is 30 days before today's date.

- UPS account number: The shipper's UPS account number.

- Destination postal code: A zip code (U.S.) or postal code (international).

- Destination country or territory: The destination country or territory code.

📄 **NOTE**: Reference numbers are available up to 6 months after the shipper provided the electronic manifest, and may roll off before the delivery record.

Chapter 3: Customer Integration Environment (CIE)

The Customer Integration Environment allows customers to test their application prior to launch. This environment is intended for integration testing of customer applications with the UPS servers.

Once your application has been thoroughly tested, you should redirect the application to the UPS Production Environment.

📄 No stress testing should ever be performed by customers against any UPS systems.

To access testing and production sites the user must have an Access Key. You can request an Access Key after establishing a UPS profile and associating your shipping account.

System Availability

The Customer Integration Environment is available 24 hours a day, 7 days a week. Note, the system is occasionally down for server maintenance.

📄 All API URLs are case sensitive.

Integration Testing

For integration testing, direct your Tracking Web Service to: https://wwwcie.ups.com/webservices/Track

Production

Once testing is complete, direct your Tracking Web Service API to the production URL:

https://onlinetools.ups.com/webservices/Track

Server Availability Check

All of the UPS services work using HTTPS POST. If the server is available, it will reply with the service name, remote user, server port, server name, and servlet path.

To see this in action, type the following URL in your web browser: https://wwwcie.ups.com/webservices/Track

Server Name:	Track
Remote User:	Null
Server Port:	443
Server Name:	wwwcie.ups.com
Servlet Path:	/Track

Shipping and Tracking Numbers for Testing

The following tables contain shipping and tracking numbers for use in the testing environment and describes the results that developers should expect when attempting a TrackRequest.

When using tracking numbers other than those designated for testing in CIE, the numbers will be evaluated as production tracking numbers.

NOTE: For Web Service only. Signature image details in CIE are returned for only the tracking numbers below.

Type	Value	Option	Service	Response
Tracking	1Z12345E0205271688 (Signature Availability)	Activity (All)	2nd Day Air	Delivered
Tracking	1Z12345E6605272234	None (Last)	World Wide Express	Delivered
Shipping	1Z12345E0305271640 (Second Package: 1Z12345E0393657226)	None (Last)	Ground	Delivered
Tracking	1Z12345E1305277940	None (Last)	Next Day Air Saver	ORIGIN SCAN
Tracking	1Z12345E6205277936	Activity (All)	Next Day Air Saver	2nd Delivery attempt
Tracking	1Z12345E020527079	None (Last)		Invalid Tracking Number
Tracking	1Z12345E1505270452	None (Last)		No Tracking Information Available
Tracking	3251026119	Activity (All)		Delivered Origin CFS
MI Tracking Number	9102084383041101186729	None (Last)		
MI Reference Number	cgish000116630	None (Last)		
Tracking	1ZWX0692YP40636269	Activity	UPS SUREPOST	Response for UPS SUREPOST

Chapter 4: Tracking API Elements and Details

Element Constraints

The Request and Response XPath tables contain the full hierarchy of the API elements.

📄 UPS expects schema elements/tags as defined in the XPath and presented in the schema structure i.e., no spelling or structural deviations. Elements/tags that are not defined in the schema or do not conform to the schema structure will be ignored by UPS.

Element constraints are defined as follows:

Required

- Yes - indicates the element must be present in the request or response.
- Yes* - indicates the element must be present in the request if the parent container is present in the request.
- No - indicates the element is optional and may be used if it applies to the request.
- Cond – indicates the element is required under certain conditions.

Type

- Container - holds a group of related elements.
- String - consists of alphanumeric characters, spaces, and decimals.

Length

- The maximum number of characters that can be present in a String. Length is not applicable (N/A) to Containers.

Max Allowed

- The maximum number of elements or containers that can be present in the parent container.

Tracking TrackRequest Top Level Containers
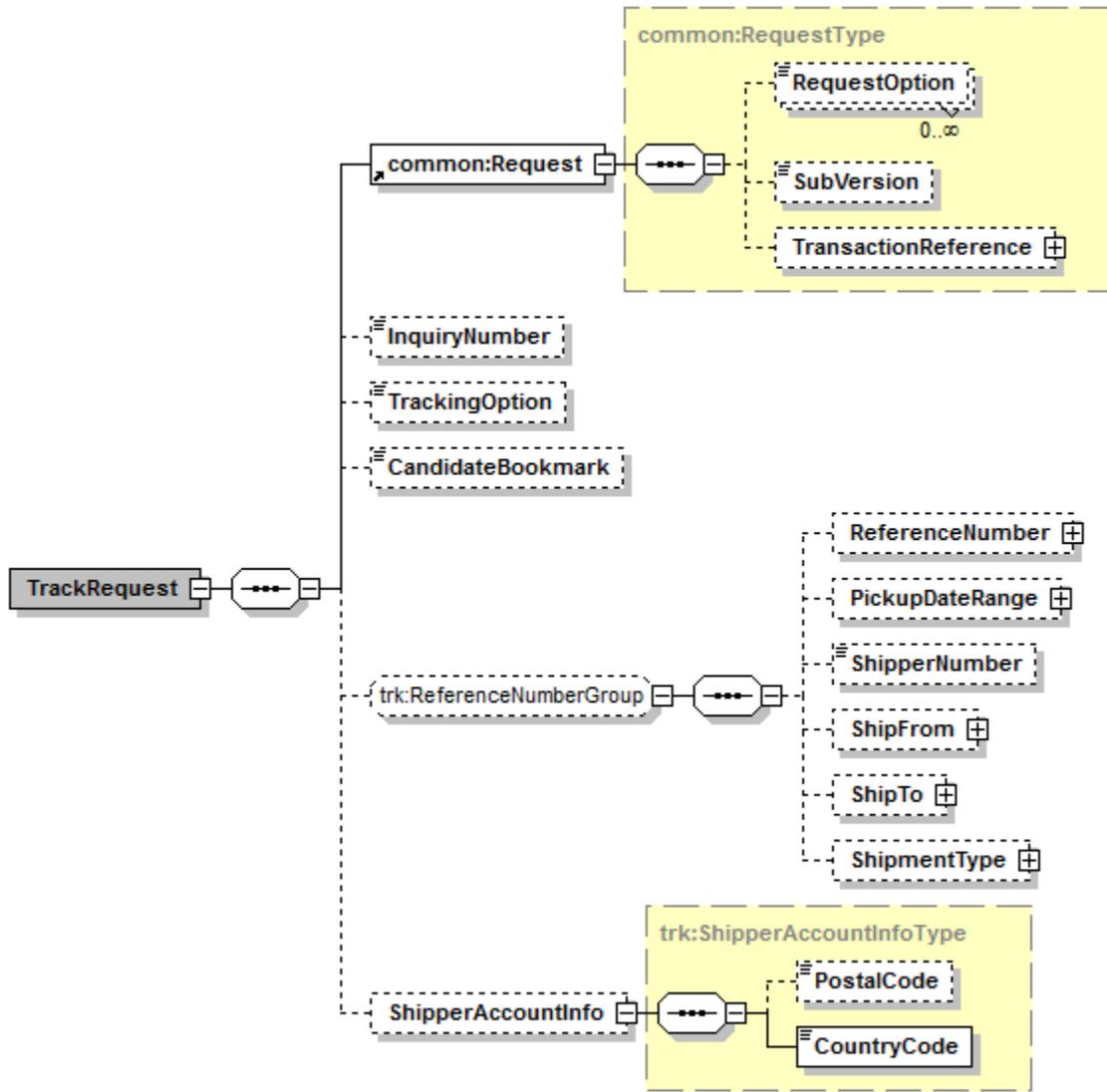
TrackRequest XPath

Name	Constraint	Description	Validation	Type
/TrackRequest				
TrackRequest	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for the root Track Request. Package, Mail Innovations can be tracked by invoking this request. Users have three ways to track, by inquiry number, by reference number, or by candidate bookmark.		All

Request

Name	Constraint	Description	Validation	Type
/TrackRequest/Request				
Request	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Common Request element should be provided by users		All
/TrackRequest/Request/RequestOption				
RequestOption	Required: Cond Type: String Max Allowed: 1 Length: 1..15	For optional processing.	For valid values, see Request Option Codes in the Appendix.	All
/TrackRequest/Request/SubVersion				
SubVersion	Required: Yes* Type: String Max Allowed: 1 Length: 4	When UPS introduces new elements in the response that are not associated with new request elements, Subversion is used. This ensures backward compatibility. To get such elements you need to have the right Subversion. The value of the subversion is explained in the Response element Description. Example: Itemized Charges are returned only when the Subversion element is present and greater than or equal to '1601'. Format: YYMM = Year and month of the release. Example: 1601 = 2016 January	Supported values: 0114, 1407, 1507, 1801,1907,1909,2009	All
/TrackRequest/Request/TransactionReference				
TransactionReference	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	TransactionReference identifies transactions between client and server.		All
/TrackRequest/Request/TransactionReference/CustomerContext				

Name	Constraint	Description	Validation	Type
CustomerContext	Required: Yes* Type: String Max Allowed: 1 Length: 1..512	The client uses CustomerContext to synchronize request/response pairs. The client establishes CustomerContext, which can contain any information you want, as long as it is valid XML, it is echoed back by the server.		All

InquiryNumber

Name	Constraint	Description	Validation	Type
/TrackRequest/InquiryNumber				
InquiryNumber	Required: Cond Type: String Max Allowed: 1 Length: 9..34	Inquiry Number. Package: For package, the number will be treated as Shipment Identification Number or Package Tracking Number based on the value of the element TrackingOption. Tracking options: 01, the inquiry number will be treated as shipment identification number. 02, the inquiry number will be treated as package Tracking number. Mail Innovations: For mail innovations this number will be the tracking number. When tracking for mail innovations by tracking number the TrackingOption also needs to be set to03. For mail innovations different types of tracking numbers apply like - Sequence number (Mail Manifest ID / MMS), Postal service Tracking ID.		All
/TrackRequest/IncludeMailInnovationIndicator				
IncludeMailInnovatio nIndicator	Required: No Type: String Max Allowed: 1 Length: 0	The presence of this indicator means supports Mail Innovation tracking without tracking option	Mail Innovations only.	MI

TrackingOption

Name	Constraint	Description	Validation	Type
/TrackRequest/TrackingOption				
TrackingOption	Required: Cond Type: String Max Allowed: 1 Length: 2	TrackingOption applies to Package and Mail Innovations only. Package: 01 - Single trackable entity with more trackable entities inside it 02 - Single trackable entity with no more trackable entities inside it If value or element is not found, then Inquiry number will be treated as Shipment Identification Number. If the TrackingOption is not present then it will return all packages information if it is a Multi-package shipment (Which means Tracking number will be treated as Shipment Identification number). Mail Innovations: For Mail Innovations track by number, this is a mandatory field which has to be set to 03. For Mail Innovations a single shipment has single package.	Package and Mail Innovations only.	PKG, MI

CandidateBookmark

Name	Constraint	Description	Validation	Type
/TrackRequest/CandidateBookmark				
CandidateBookmark	Required: No Type: String Max Allowed: 1 Length: 1..15	During InquiryNumber and Reference Number searches, it is possible that duplicate shipments will be found. If duplicate shipments are found, then a Candidate Summary with a corresponding CandidateBookmark for each of the Shipments will be returned in the track response. This Base64 encoded CandidateBookmark can be passed back to the Tracking service in a separate request to retrieve tracking information about the particular shipment of interest. It does not apply to package tracking or Mail Innovations.		FRT
/TrackRequest/ReferenceNumber				
ReferenceNumber	Required: Cond Type: Container Max Allowed: 1 Length: N/A	The reference number container. Required if an inquiry number or candidate bookmark is not present. The reference number for Mail Innovations needs to be set here along with appropriate code in ShipmentType.		PKG, MI
/TrackRequest/ReferenceNumber/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	The customer assigned reference number.		PKG, MI
/TrackRequest/PickupDateRange				
PickupDateRange	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	The additional information of pickup date range to support and narrow a reference number search. For Mail Innovations this is optional field for tracking by reference number.		All
/TrackRequest/PickupDateRange/BeginDate				
BeginDate	Required: Yes* Type: String Max Allowed: 1 Length: 8	The beginning pickup date used to narrow a reference number search. Format: YYYYMMDD.		All
/TrackRequest/PickupDateRange/EndDate				
EndDate	Required: Yes* Type: String Max Allowed: 1 Length: 8	The end pickup date used to narrow a reference number search. Format: YYYYMMDD. MM ranges from 01 to 12.		All

Name	Constraint	Description	Validation	Type
/TrackRequest/ShipperNumber				
ShipperNumber	Required: Yes* Type: String Max Allowed: 1 Length: 6 or10	The UPS account number used to narrow a reference number search.		PKG, FRT
/TrackRequest/ShipFrom				
ShipFrom	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for ship from address used to narrow a reference number search.		FRT
/TrackRequest/ShipFrom/Address				
Address	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the origin country/territory code and origin postal code used to narrow a reference number search.		FRT
/TrackRequest/ShipFrom/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 1..16	Postal Code of the origin country/territory.		FRT
/TrackRequest/ShipFrom/Address/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Country or Territory Code of the origin country or territory.		FRT
/TrackRequest/ShipTo				
ShipTo	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the Destination Address to narrow the reference number search.		All
/TrackRequest/ShipTo/Address				
Address	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the destination postal code and destination country/territory Code.		All
/TrackRequest/ShipTo/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 1..16	Postal code of postal destination country/territory.		All
/TrackRequest/ShipTo/Address/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Destination country or territory code		All
/TrackRequest/ShipmentType				
ShipmentType	Required: Cond. Type: Container Max Allowed: 1 Length: N/A	Container for the type of Shipment when doing a Reference Number search. This element is required if the Reference Number element is specified.		All
/TrackRequest/ShipmentType/Code				

Name	Constraint	Description	Validation	Type
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	This element will be used to indicate the type of the shipment being tracked during Reference number tracking.	Valid values: 01 = Package (Default) 03 = Mail Innovations	All
/TrackRequest/PreauthorizedReturnIndicator				
PreauthorizedReturn Indicator	Required: No Type: String Max Allowed: 1 Length: 1	Indicator to request Pre-authorized For Return (PFR) eligibility information, URL to submit pre-authorized return request and other PFR related data. For small package and Mail Innovation packages. Valid value is: Y - PFR information is required.	This is an indicator. Valid value is: Y - PFR information is required.	PKG, MI
/TrackRequest/Locale				
Locale	Required: No Type: String Max Allowed: 1 Length: 5	Locale will be used to provide translated text in Activity Status Description and Current Status Description. Default Value is: en_US	Examples: en_US, fr_FR	All

ShipperAccountInfo

Name	Constraint	Description	Validation	Type
/TrackRequest/ShipperAccountInfo				
ShipperAccountInfo	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Container for Shippers account details. Used to verify the customers signature tracking privileges for package tracking if shipper selects one of the RequestOption including signature track.	Package Signature Tracking only.	PKG SIG
/TrackRequest/ShipperAccountInfo/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 1..9	Postal Code of the Shipper Account used to place the shipment. This data will be used in verifying the rights of the customer to view signature results.	Package Signature Tracking only.	PKG SIG
/TrackRequest/ShipperAccountInfo/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Country or Territory Code of the Shipper Account used to place the shipment. This data will be used in verifying the rights of the customer to view signature results.	Package Signature Tracking only.	PKG SIG

TrackResponse Top Level Containers

Continued...

OriginPortDetail ⊞

DestinationPortDetail ⊞

DescriptionOfGoods

CargoReady ⊞

Manifest ⊞

CarrierActivityInformation ⊞

FileNumber

Appointment ⊞

Package ⊞
0..∞

Disclaimer
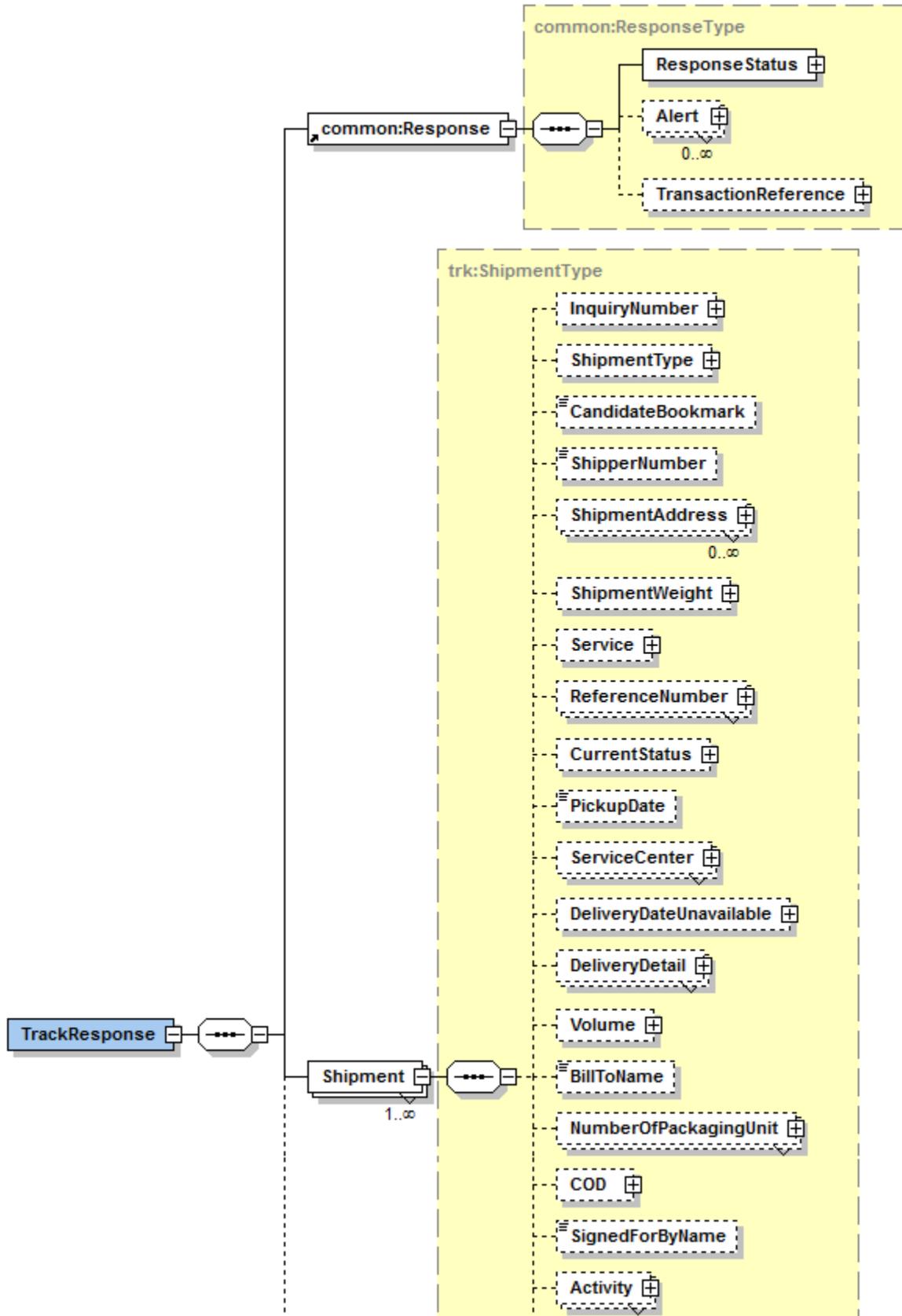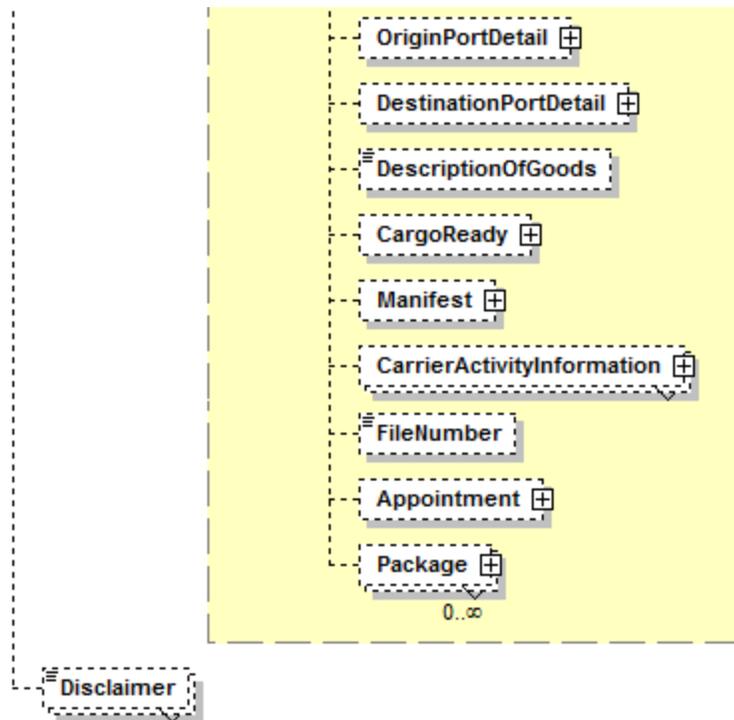
TrackResponse XPath

Name	Constraint	Description	Validation	Type
/TrackResponse				
TrackResponse	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for root Track Response.		All

Response

Name	Constraint	Description	Validation	Type
/TrackResponse/Response				
Response	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for common Response element.		All
/TrackResponse/Response/ResponseStatus				
ResponseStatus	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Response Status Container.		All
/TrackResponse/Response/ResponseStatus/Code				
Code	Required: Yes Type: String Max Allowed: 1 Length: 1	Identifies the success or failure of the transaction. 1 = Successful		All
/TrackResponse/Response/ResponseStatus/Description				
Description	Required: Yes Type: String Max Allowed: 1 Length: 1..35	Describes Response Status Code. Returns text of Success.		All
/TrackResponse/Response/Alert				
Alert	Required: Cond. Type: Container Max Allowed: UNB Length: N/A	Alert Container. There can be zero to many alert containers with code and description.		All
/TrackResponse/Response/Alert/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	Warning code returned by the system.		All
/TrackResponse/Response/Alert/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..150	Warning messages returned by the system		All
/TrackResponse/Response/TransactionReference				
TransactionReference	Required: No Type: Container Max Allowed: 1 Length: N/A	Transaction Reference Container.		All
/TrackResponse/Response/TransactionReference/CustomerContext				
CustomerContext	Required: Yes* Type: String Max Allowed: 1 Length: 1..512	The CustomerContext Information which will be echoed during response.		All

Shipment

Name	Constraint	Description	Validation	Type
/TrackResponse/Shipment				
Shipment	Required: Yes Type: Container Max Allowed: UNB Length: 1..240	Shipment Container		All
/TrackResponse/Shipment/InquiryNumber				
InquiryNumber	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Shipment Inquiry Number Container		All
/TrackResponse/Shipment/InquiryNumber/Code				
Code	Required: Yes Type: String Max Allowed: 1 Length: 2..6	Code to indicate the type of Inquiry Number. Package: For package this element returns: 01 -Shipment Identification Number Mail Innovations: 03- Mail Innovation tracking number		All
/TrackResponse/Shipment/InquiryNumber/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the Inquiry Number as indicated by code as above.		All
/TrackResponse/Shipment/InquiryNumber/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..34	The actual value of the Inquiry Number.		All
/TrackResponse/Shipment/ShipmentType				
ShipmentType	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the type of Shipment.		All
/TrackResponse/Shipment/ShipmentType/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	This element will be used to indicate the type of the shipment being tracked, either Package, Mail Innovations . 01 - Package 03 - Mail Innovations		All
/TrackResponse/Shipment/ShipmentType/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..15	Description of the code above.		All
/TrackResponse/Shipment/CandidateBookmark				
CandidateBookmark	Required: Cond Type: String Max Allowed: 1 Length: 1..15	During Tracking and Reference Number searches, it is possible that duplicate shipments will be found.		FRT

Name	Constraint	Description	Validation	Type
		If duplicate shipments are found, then a Candidate Summary with a corresponding Base64 encodedCandidate Bookmark for each of the Shipments will be returned in the response. The Candidate Bookmark can be passed back to the tracking web service in a separate track transaction to retrieve tracking information about the particular shipment of interest.		
/TrackResponse/Shipment/ShipperNumber				
ShipperNumber	Required: No Type: String Max Allowed: 1 Length: 6 or 10	The shippers UPS account number that placed this shipment		PKG, MI
/TrackResponse/Shipment/ShipmentAddress				
ShipmentAddress	Required: Yes Type: Container Max Allowed: UNB Length: N/A	An array of addresses associated with this shipment.		All
/TrackResponse/Shipment/ShipmentAddress/Type				
Type	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Type of address.		All
/TrackResponse/Shipment/ShipmentAddress/Type/Code				
Code	Required: Yes Type: String Max Allowed: 1 Length: 2	Code of address: 01 = Shipper Address 02 = ShipTo Address For Mail Innovations, shipper address may be optionally present.		All
/TrackResponse/Shipment/ShipmentAddress/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Description of the code above.		All
/TrackResponse/Shipment/ShipmentAddress/Address				
Address	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Address detail.		All
/TrackResponse/Shipment/ShipmentAddress/Address/AddressLine				
AddressLine	Required: Yes* Type: String Max Allowed: 3 Length: 1..70	Street address details. Up to three AddressLine can be returned. Address lines will not be returned for Mail Innovations.		PKG, FRT
/TrackResponse/Shipment/ShipmentAddress/Address/City				
City	Required: Yes* Type: String	City name. This is optional for Mail Innovations.		All

Name	Constraint	Description	Validation	Type
	Max Allowed: 1 Length: 1..30			
/TrackResponse/Shipment/ShipmentAddress/Address/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..5	State or province code. Required for country/territory code US or CA.	This is optional for Mail Innovations.	All
/TrackResponse/Shipment/ShipmentAddress/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Postal code of this address.		All
/TrackResponse/Shipment/ShipmentAddress/Address/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Country or Territory code.		All
/TrackResponse/Shipment/ShipmentWeight				
ShipmentWeight	Required: No Type: Container Max Allowed: 1 Length: N/A	Shipment weight container.		All
/TrackResponse/Shipment/ShipmentWeight/UnitOfMeasurement				
UnitOfMeasurement	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Shipment weight unit of measurement container.		All
/TrackResponse/Shipment/ShipmentWeight/UnitOfMeasurement/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	Shipment weight unit of measurement code.	Values: OZS LBS (default) KGS	All
/TrackResponse/Shipment/ShipmentWeight/Weight				
Weight	Required: Yes* Type: String Max Allowed: 1 Length: 8	Shipment's total weight. Set to 0 for shipment with package type of letter.		All
/TrackResponse/Shipment/Service				
Service	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for UPS service associated with the shipment		All
/TrackResponse/Shipment/Service/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2..4	Service Code. For valid values, see Service Codes in the Appendix.		All
/TrackResponse/Shipment/Service/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the service.		All
/TrackResponse/Shipment/ReferenceNumber				
ReferenceNumber	Required: No Type: Container	Shipment reference number container		All

Name	Constraint	Description	Validation	Type
	Max Allowed: UNB Length: N/A			
/TrackResponse/Shipment/ReferenceNumber/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2..3	Reference number type code for signifying PO #'s, Invoice #'s.	For valid values, see Reference Number Codes in the Appendix.	All
/TrackResponse/Shipment/ReferenceNumber/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the code above.		All
/TrackResponse/Shipment/ReferenceNumber/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	The real value of the reference number supplied by a customer.		All
/TrackResponse/Shipment/CurrentStatus				
CurrentStatus	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the current status of the shipment.		FRT
/TrackResponse/Shipment/CurrentStatus/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	Code for the current status of the shipment.	For valid values, see Current Status Codes in the Appendix.	FRT
/TrackResponse/Shipment/CurrentStatus/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the current status of the shipment.		FRT
/TrackResponse/Shipment/PickupDate				
PickupDate	Required: No Type: String Max Allowed: 1 Length: 8	Date the shipment was picked-up. Format: YYYYMMDD		All
/TrackResponse/Shipment/ServiceCenter				
ServiceCenter	Required: No Type: Container Max Allowed: UNB Length: N/A	Service center container.		FRT
/TrackResponse/Shipment/ServiceCenter/Type/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Service Center type codes: 01 - Delivery Service Center 02 - Estimated Delivery Service Center 03 - Pickup Service Center		FRT
/TrackResponse/Shipment/ServiceCenter/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the code above.		FRT
/TrackResponse/Shipment/ServiceCenter/Address				
Address	Required: Yes* Type: Container	Service center address.		FRT

Name	Constraint	Description	Validation	Type
	Max Allowed: 1 Length: N/A			
/TrackResponse/Shipment/ServiceCenter/Address/City				
City	Required: Yes* Type: String Max Allowed 1 Length: 1..30	Service center city.		FRT
/TrackResponse/Shipment/ServiceCenter/Address/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..6	Service Center State or province code.		FRT
/TrackResponse/Shipment/DeliveryDateUnavailable				
DeliveryDateUnavailable	Required: No Type: Container Max Allowed: 1 Length: N/A	DeliveryDate Unavailable container. Note: This container is return if SubVersion is 0114 and above.		All
/TrackResponse/Shipment/DeliveryDateUnavailable/Type				
Type	Required: Yes* Type: String Max Allowed: 1 Length: 1..19	Type is Scheduled Delivery.		All
/TrackResponse/Shipment/DeliveryDateUnavailable/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..73	A description is return to indicate the scheduled delivery date is unavailable		All
/TrackResponse/Shipment/DeliveryDetail				
DeliveryDetail	Required: No Type: Container Max Allowed: UNB Length: N/A	Delivery detail information.		FRT, MI
/TrackResponse/Shipment/DeliveryDetail/Type				
Type	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Type of delivery detail.		FRT, MI
/TrackResponse/Shipment/DeliveryDetail/Type/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Delivery Detail codes.	Valid values: 01 - Delivery 02- Estimated Delivery 03 - Scheduled Delivery For Mail Innovations only 01 and02 apply.	FRT, MI
/TrackResponse/Shipment/DeliveryDetail/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of above code.		FRT, MI
/TrackResponse/Shipment/DeliveryDetail/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date for the specific delivery type. Format: YYYYMMDD		FRT, MI
/TrackResponse/Shipment/DeliveryDetail/Time				

Name	Constraint	Description	Validation	Type
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Time for the specific delivery type. Format: HHMMSS.		FRT, MI
/TrackResponse/Shipment/Volume/UnitOfMeasurement				
UnitOfMeasurement	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Unit of measurement container.		FRT
/TrackResponse/Shipment/Volume/UnitOfMeasurement/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code indicating the unit of measurement for the volume.		FRT
/TrackResponse/Shipment/Volume/UnitOfMeasurement/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the unit of measurement as indicated by code.		FRT
/TrackResponse/Shipment/Volume/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Value of the total volume of the shipment.		FRT
/TrackResponse/Shipment/BillToName				
BillToName	Required: No Type: String Max Allowed: 1 Length: 1..35	Name of the person to whom the shipment is billed to.		FRT
/TrackResponse/Shipment/NumberOfPackagingUnit				
NumberOfPackagingUnit	Required: No Type: Container Max Allowed: UNB Length: N/A	Number of packaging unit.		FRT
/TrackResponse/Shipment/NumberOfPackagingUnit/Type				
Type	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Type of packaging		FRT
/TrackResponse/Shipment/NumberOfPackagingUnit/Type/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Packaging unit codes: 01 - Piece 02 – Pallet		FRT
/TrackResponse/Shipment/NumberOfPackagingUnit/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the above code.		FRT
/TrackResponse/Shipment/NumberOfPackagingUnit/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..15	The actual number of unit.		FRT
/TrackResponse/Shipment/COD				

Name	Constraint	Description	Validation	Type
COD	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for COD for the shipment.		FRT
/TrackResponse/Shipment/COD/Amount				
Amount	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for COD amount		FRT
/TrackResponse/Shipment/COD/Amount/CurrencyCode				
CurrencyCode	Required: Yes* Type: String Max Allowed: 1 Length: 3	Currency Code for COD. Default value isUSD		FRT
/TrackResponse/Shipment/COD/Amount/MonetaryValue				
MonetaryValue	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Cash On Delivery (COD) Amount that is due.		FRT
/TrackResponse/Shipment/COD/Status				
Status	Required: N/A Type: Container Max Allowed: 1 Length: N/A			FRT
/TrackResponse/Shipment/SignedForByName				
SignedForByName	Required: No Type: String Max Allowed: 1 Length: 1..35	Person that received the shipment. May be the addressee, or another person that signed for the shipment		FRT
/TrackResponse/Shipment/Activity				
Activity	Required: No Type: Container Max Allowed: UNB Length: N/A	Container for shipment activity.		FRT
/TrackResponse/Shipment/Activity/ActivityLocation				
ActivityLocation	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for shipment activity location		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Activity city.		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..5	Activity State or province code.		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Activity postal code		FRT
/TrackResponse/Shipment/Activity/ActivityLocation/CountryCode				

Name	Constraint	Description	Validation	Type
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Activity country or territory code		FRT
/TrackResponse/Shipment/Activity/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..370	Description of the Activity.		FRT
/TrackResponse/Shipment/Activity/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Activity Date. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/Activity/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Activity Time. Format: HHMMSS		FRT
/TrackResponse/Shipment/Activity/Trailer				
Trailer	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Trailer Code for the shipment		FRT
/TrackResponse/Shipment/OriginPortDetail				
OriginPortDetail	Required: No Type: Container Max Allowed: 1 Length: N/A	Details of origin port of the shipment.		FRT
/TrackResponse/Shipment/OriginPortDetail/OriginPort				
OriginPort	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Origin Port of the shipment.		FRT
/TrackResponse/Shipment/OriginPortDetail/EstimatedDeparture				
EstimatedDeparture	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for Estimated Departure Time Stamp at the origin port.		FRT
/TrackResponse/Shipment/OriginPortDetail/EstimatedDeparture/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date of the Estimated Departure Time Stamp at the origin port. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/OriginPortDetail/EstimatedDeparture/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Time of the Estimated Departure Time Stamp at the origin port. Format: HHMMSS		FRT
/TrackResponse/Shipment/DestinationPortDetail				
DestinationPortDetail	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the destination port of the shipment.		FRT
/TrackResponse/Shipment/DestinationPortDetail/DestinationPort				

Name	Constraint	Description	Validation	Type
DestinationPort	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Destination port of the shipment.		FRT
/TrackResponse/Shipment/DestinationPortDetail/EstimatedArrival				
EstimatedArrival	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for Estimated Arrival Time Stamp at the Destination Port		FRT
/TrackResponse/Shipment/DestinationPortDetail/EstimatedArrival/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Container for Estimated Arrival Time Stamp at the Destination Port. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/DestinationPortDetail/EstimatedArrival/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Time of the Estimated Arrival Time Stamp at the Destination Port. Format: HHMMSS		FRT
/TrackResponse/Shipment/DescriptionOfGoods				
DescriptionOfGoods	Required: No Type: String Max Allowed: 1 Length: 1..512	Description of Goods in the shipment.		FRT
/TrackResponse/Shipment/CargoReady				
CargoReady	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for cargo ready date and time.		FRT
/TrackResponse/Shipment/CargoReady/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Cargo Ready date for the shipment. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/CargoReady/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Cargo Ready time for the shipment. Format: HHMMSS		FRT
/TrackResponse/Shipment/Manifest				
Manifest	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Manifest date and time.		FRT
/TrackResponse/Shipment/Manifest/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Manifest date for the shipment. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/Manifest/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Manifest time for the shipment. Format: HHMMSS		FRT
/TrackResponse/Shipment/CarrierActivityInformation				

Name	Constraint	Description	Validation	Type
CarrierActivityInformation	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container for carrier activity information for the shipment.		FRT
/TrackResponse/Shipment/CarrierActivityInformation/CarrierId				
CarrierId	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Id number of the carrier		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the carrier e.g: Flight or Vessel.		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Status				
Status	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Status of the carrier		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Arrival				
Arrival	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for arrival time stamp information of the carrier		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Arrival/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date of the arrival time stamp. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Arrival/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Time of the arrival time stamp. Format: HHMMSS		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Departure				
Departure	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for Departure time stamp information of the carrier		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Departure/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date of the arrival time stamp. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/CarrierActivityInformation/Departure/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Time of the arrival time stamp. Format: HHMMSS		FRT
/TrackResponse/Shipment/CarrierActivityInformation/OriginPort				
OriginPort	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Origin Port of the Carrier's leg of the journey		FRT
/TrackResponse/Shipment/CarrierActivityInformation/DestinationPort				

Name	Constraint	Description	Validation	Type
DestinationPort	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Destination Port of the Carrier's leg of the journey		FRT
/TrackResponse/Shipment/Document				
Document	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container for the various documents returned to the customer. Returned if Signature Tracking is enabled and authorized. Returned if any of the documents i.e., Signature, Free Astrays, Delivery Receipt or POD is requested using the request option. Refer to the Request Option Matrix in the Appendix.		FRT SIG
/TrackResponse/Shipment/Document/Type				
Type	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the document type.		FRT SIG
/TrackResponse/Shipment/Document/Type/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for the type of the document. 01 - Signature Image 02 - Delivery Receipt 03 - Free Astray 04 - POD		FRT SIG
/TrackResponse/Shipment/Document/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description for the type of the document as described by the code.		FRT SIG
/TrackResponse/Shipment/Document/Content				
Content	Required: Yes* Type: String Max Allowed: 1 Length: Image	Base64 Encoded Byte stream of the image.		FRT SIG
/TrackResponse/Shipment/Document/Format				
Format	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the document format.		FRT SIG
/TrackResponse/Shipment/Document/Format/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for the document format. Values: 01 - GIF, 02 - PDF		FRT SIG
/TrackResponse/Shipment/Document/Format/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the document format as indicated by the code.		FRT SIG
/TrackResponse/Shipment/FileNumber				

Name	Constraint	Description	Validation	Type
FileNumber	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	File Number of the shipment.		FRT
/TrackResponse/Shipment/Appointment				
Appointment	Required: No Type: Container Max Allowed: 1 Length: N/A	Appointment Details.		FRT
/TrackResponse/Shipment/Appointment/Made				
Made	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for Appointment Made Date and Time.		FRT
/TrackResponse/Shipment/Appointment/Made/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Appointment Made Date. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/Appointment/Made/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Appointment Made Time. Format: HHMMSS		FRT
/TrackResponse/Shipment/Appointment/Requested				
Requested	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for Appointment Requested Date and Time		FRT
/TrackResponse/Shipment/Appointment/Requested/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Appointment Requested Date. Format: YYYYMMDD		FRT
/TrackResponse/Shipment/Appointment/Requested/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 6	Appointment Requested Time. Format: HHMMSS		FRT
/TrackResponse/Shipment/Appointment/BeginTime				
BeginTime	Required: Yes* Type: String Max Allowed: 1 Length: 6	Appointment Begin Time. Format: HHMMSS		FRT
/TrackResponse/Shipment/Appointment/EndTime				
EndTime	Required: Yes* Type: String Max Allowed: 1 Length: 6	Appointment End Time. Format: HHMMSS		FRT
/TrackResponse/Shipment/Package				
Package	Required: No Type: Container Max Allowed: UNB Length: N/A	Container for package information.		PKG, MI
/TrackResponse/Shipment/Package/TrackingNumber				

Name	Constraint	Description	Validation	Type
TrackingNumber	Required: Yes* Type: String Max Allowed: 1 Length: 1..34	TrackingNumber of the package.		PKG, MI
/TrackResponse/Shipment/Package/DeliveryIndicator				
DeliveryIndicator	Required: Yes* Type: String Max Allowed: 1 Length: 1..34	Indicates if the current package is delivered. Possible Values: "Y": Package is delivered "N": Package is not delivered		PKG, MI
/TrackResponse/Shipment/Package/DeliveryDate				
TrackingNumber	Required: Yes* Type: String Max Allowed: 1 Length: 1..34	The delivery date of the package. Will be returned if delivery date indicator is Y. The format is: YYYYMMDD		PKG, MI
/TrackResponse/Shipment/Package/SRSizeCode				
SRSizeCode	Required: No Type: String Max Allowed: 1 Length: 1..2	Simple Rate package size. Valid Values: XS S M L XL Note: This container is returned if SubVersion is 1909 or above		PKG
/TrackResponse/Shipment/Package/Redirect				
Redirect	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container tag for Redirect package to UPS Access Point Note: This container is return if SubVersion is 0114 or above		PKG
/TrackResponse/Shipment/Package/Redirect/CompanyName				
CompanyName	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	UPS Access Point Business Name.		PKG
/TrackResponse/Shipment/Package/Redirect/LocationID				
LocationID	Required: Yes* Type: String Max Allowed: 1 Length: 1..9	UPS Access Point Location ID.		PKG
/TrackResponse/Shipment/Package/Redirect/PickupDate				
PickupDate	Required: Yes* Type: String Max Allowed: 1 Length: 8	The last date the package is held for pickup at a UPS Access Point. Date of the arrival time stamp. Format: YYYYMMDD		PKG
/TrackResponse/Shipment/Package/DeliveryDetail				
DeliveryDetail	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Delivery Detail container.		PKG
/TrackResponse/Shipment/Package/DeliveryDetail/Type				
Type	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Type of delivery detail.		PKG
/TrackResponse/Shipment/Package/DeliveryDetail/Type/Code				

Name	Constraint	Description	Validation	Type
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Delivery detail Type code: 04 – Rescheduled Delivery		PKG
/TrackResponse/Shipment/Package/DeliveryDetail/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of above code above.		PKG
/TrackResponse/Shipment/Package/DeliveryDetail/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	The delivery date. Format: YYYYMMDD (military format)		PKG
/TrackResponse/Shipment/Package/DeliveryDetail/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 4 or 6	Format: HHMMSS or HHMM (military format)		PKG
/TrackResponse/Shipment/Package/PackageAddress				
PackageAddress	Required: No Type: Container Max Allowed: UNB Length: N/A	Package address container.		PKG
/TrackResponse/Shipment/Package/PackageAddress/Type				
Type	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Type of the package address		PKG
/TrackResponse/Shipment/Package/PackageAddress/Type/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Package Address Type code.	Valid values: 03 – ReRoute Address 04 – ReturnTo Address 05 – UPS AP Address	PKG
/TrackResponse/Shipment/Package/PackageAddress/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the code above.		PKG
/TrackResponse/Shipment/Package/PackageAddress/Address				
Address	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Address Container.		PKG
/TrackResponse/Shipment/Package/PackageAddress/Address/AddressLine				
AddressLine	Required: Yes* Type: String Max Allowed: 3 Length: 1..50	Street address including name and number (when applicable) and/or building floor, room, suite, and PO Box number. Up to three AddressLines can be returned.		PKG
/TrackResponse/Shipment/Package/PackageAddress/Address/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	City name.		PKG
/TrackResponse/Shipment/Package/PackageAddress/Address/StateProvinceCode				

Name	Constraint	Description	Validation	Type
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..5	State or Province code.		PKG
/TrackResponse/Shipment/Package/PackageAddress/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Postal code.		PKG
/TrackResponse/Shipment/Package/PackageAddress/Address/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Country or territory code.		PKG
/TrackResponse/Shipment/Package/PackageServiceOption				
PackageServiceOption	Required: No Type: Container Max Allowed: UNB Length: N/A	Container for package service option.		PKG
/TrackResponse/Shipment/Package/PackageServiceOption/Type				
Type	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Type of package service option		PKG
/TrackResponse/Shipment/Package/PackageServiceOption/Type/Code				
Code	Required: Yes Type: String Max Allowed: 1 Length: 2..3	Package Service code.	For values, see Package Service Option Codes in the Appendix.	PKG
/TrackResponse/Shipment/Package/PackageServiceOption/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..100	Description of the code above.		PKG
/TrackResponse/Shipment/Package/PackageServiceOption/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..100	PackageServiceOption Type Code values: 04 = R – Commercial Invoice Removal Requested or S – Commercial Invoice Removal Success. 06 = USPS Package Identification number that is returned for UPS Returns Flexible Access Shipments. 07 = The specific product description. 09 = R – Return Exchange Requested or S – Exchange Completed.		PKG
/TrackResponse/Shipment/Package/COD				
COD	Required: No Type: Container Max Allowed: 1 Length: N/A	COD container at package level. Refer to the Request Option Matrix in the Appendix.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/COD/Amount				
Amount	Required: Yes* Type: Container	Container for COD amount information.	Package Signature Tracking only.	PKG SIG

Name	Constraint	Description	Validation	Type
	Max Allowed: 1 Length: N/A			
/TrackResponse/Shipment/Package/COD/Amount/CurrencyCode				
CurrencyCode	Required: Yes* Type: String Max Allowed: 1 Length: 3	Currency code of COD amount.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/COD/Amount/MonetaryValue				
MonetaryValue	Required: Yes* Type: String Max Allowed: 1 Length: 11	Cash On Delivery (COD) Amount that is due.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/COD/Status				
Status	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for COD status.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/COD/Status/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 1	Status code of whether COD was received. Values: Collected Not Collected	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/COD/ControlNumber				
ControlNumber	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Barcode COD Control Number or UPS imprinted Control Number.	Package Signature Tracking only.	PKG SIG
/TrackResponse/Shipment/Package/Activity				
Activity	Required: No Type: Container Max Allowed: UNB Length: N/A	Package activity container		PKG, MI
/TrackResponse/Shipment/Package/Activity/AlternateTrackingInfo				
AlternateTrackingInfo	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Alternate tracking number.	Mail Innovations only.	MI
/TrackResponse/Shipment/Package/Activity/AlternateTrackingInfo/Type				
Type	Required: Yes* Type: String Max Allowed: 1 Length: 1	Package Activity Alternate Tracking info type.	Valid values: P – Package ID M – Mail Manifest ID (type of Sequence number) S – MMS number(type of Sequence number) T- Postal service Tracking ID Q – Intelligent Mail Package Barcode shipment (IMPB) number	MI
/TrackResponse/Shipment/Package/Activity/AlternateTrackingInfo/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	This contains value of the alternate tracking number.		MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation				
ActivityLocation	Required: No Type: Container	Activity location container.		PKG, MI

Name	Constraint	Description	Validation	Type
	Max Allowed: 1 Length: N/A			
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address				
Address	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Address of Activity location.	For Mail Innovations this will be consignee location.	PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/AddressLine				
AddressLine	Required: Yes* Type: String Max Allowed: 3 Length: 1..30	Activity location's street address including name and number (when applicable) and/or building floor, room, suite, and PO Box number. Up to three AddressLine can be returned.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/City				
City	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	City name. This is optional for Mail Innovations		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/StateProvinceCode				
StateProvinceCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..5	Activity location's state or province code. This is optional for Mail Innovations.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/PostalCode				
PostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 5..16	Activity locations postal code.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Address/CountryCode				
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Activity locations country or territory code.		PKG, MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/TransportFacility				
TransportFacility	Required: No Type: Container Max Allowed: 1 Length: N/A	This container is for storing the type and code of the transport facility associated with the Mail Innovations activity.		MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/TransportFacility/Type				
Type	Required: Yes* Type: String Max Allowed: 1 Length: 2	Type of facility for Mail Innovations shipment.	Mail Innoviations valid values: IC – USPS VT – MI	MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/TransportFacility/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 5	This code is associated with the Mail Innovations facility.		MI
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Activity location code.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/Description				

Name	Constraint	Description	Validation	Type
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Activity location description.		PKG
/TrackResponse/Shipment/Package/Activity/ActivityLocation/SignedForByName				
SignedForByName	Required: No Type: String Max Allowed: 1 Length: 1..50	Name of the person who signed.		PKG
/TrackResponse/Shipment/Package/Activity/Status				
Status	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for activity status.		PKG, MI
/TrackResponse/Shipment/Package/Activity/Status/Type				
Type	Required: Yes* Type: String Max Allowed: 1 Length: 1..3	Type of activity status: I = In Transit D = Delivered X = Exception P = Pickup M = Manifest Pickup.	For Mail Innovations only D, I, M, P and X are applicable.	PKG, MI
/TrackResponse/Shipment/Package/Activity/Status/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..370	Description of status code of activity.		PKG, MI
/TrackResponse/Shipment/Package/Activity/Status/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Status code of activity.		PKG, MI
/TrackResponse/Shipment/Package/Activity/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: 8	Date of activity. Military format: YYYYMMDD		PKG, MI
/TrackResponse/Shipment/Package/Activity/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: 4..6	Time of activity. Military format: HHMMSS or HHMM		PKG, MI
/TrackResponse/Shipment/Package/Activity/GMTDate				
GMTDate	Required: No Type: String Max Allowed: 1 Length: 8	Date of activity. Format: YYYY-MM-DD Note: This container is return if SubVersion is 1907 or above		PKG, MI
/TrackResponse/Shipment/Package/Activity/GMTTime				
GMTTime	Required: No Type: String Max Allowed: 1 Length: 6	Time of activity. Format: hh:mm:ss or hh:mm Note: This container is return if SubVersion is 1907 or above		PKG, MI
/TrackResponse/Shipment/Package/Activity/GMTOffset				
GMTOffset	Required: No Type: String Max Allowed: 1 Length: 6	GMT Offset of activity for the time zone. Format: (+/-) hh:mm		PKG, MI

Name	Constraint	Description	Validation	Type
		Note: This container is return if SubVersion is 1907 or above		
/TrackResponse/Shipment/Package/Activity/DeliveryDateFromManifestIndicator				
DeliveryDateFromManifestIndicator	Required: No Type: String Max Allowed: 1 Length: N/A	The presence of this indicator means manifest information is available and used to calculate the expected delivery date. This will be available when Track sub version >=1507		PKG, MI
/TrackResponse/Shipment/Package/Activity/NextScheduleActivity				
NextScheduleActivity	Required: No Type: Container Max Allowed: 1 Length: N/A	Container tag to describe when the next schedule activity will occur. Note: This container is return if SubVersion is 0114 and above		PKG, MI
/TrackResponse/Shipment/Package/Activity/NextScheduleActivity/Date				
Date	Required: Yes* Type: String Max Allowed: 1 Length: N/A	Date of activity. Military format: YYYYMMDD		PKG, MI
/TrackResponse/Shipment/Package/Activity/NextScheduleActivity/Time				
Time	Required: Yes* Type: String Max Allowed: 1 Length: N/A	Time of activity. Military format: HHMMSS or HHMM		PKG, MI
/TrackResponse/Shipment/Package/Activity/Document				
Document	Required: No Type: Container Max Allowed: UNB Length: N/A	Documents at package activity level. Example: PODLetter Refer to the Request Option Matrix in the Appendix.	Signature Tracking example: Signature image	PKG
/TrackResponse/Shipment/Package/Activity/Document/Type				
Type	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Type of Document.		PKG
/TrackResponse/Shipment/Package/Activity/Document/Type/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Document Type code. 04 – POD Letter 05 – Electronic Delivery Letter **Returned if customer has authorized release of the package with the signature.	Signature Tracking valid value: 01 – Signature Image	PKG
/TrackResponse/Shipment/Package/Activity/Document/Type/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the code above.		PKG
/TrackResponse/Shipment/Package/Activity/Document/Content				
Content	Required: Yes* Type: String Max Allowed: 1 Length: Variable	Base64 Encoded PODLetter in html format or the customer's name for Electronic Delivery Notice.	Signature Tracking only: Base64 Encoded GIF image for signature image.	PKG
/TrackResponse/Shipment/Package/Activity/Document/Format				

Name	Constraint	Description	Validation	Type
Format	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for document format.		PKG
/TrackResponse/Shipment/Package/Activity/Document/Format/Code				
Code	Required: Yes Yes* Type: String Max Allowed: 1 Length: 3	Format code of the content. 03 – HTML 04 – Plain text	Signature Tracking valid value: 01 – GIF	PKG
/TrackResponse/Shipment/Package/Activity/Document/Format/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of Format code above. Plain text format will only apply if the code above is 04.		PKG
/TrackResponse/Shipment/Package/Activity/SensorEventIndicator				
SensorEventIndicator	Required: Yes* Type: String Max Allowed: UNB Length: 1	Indicates if the activity has a sensor event associated with it. Valid values: Y N		PKG
/TrackResponse/Shipment/Package/Message				
Message	Required: No Type: Container Max Allowed: UNB Length: N/A	Container for additional delivery information.		PKG, MI
/TrackResponse/Shipment/Package/Message/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code describing what type of message the customer can receive.	Valid values: 01 – On Time 02 – Rescheduled 03 – Returned To Shipper For Mail Innovations only01 is applicable.	PKG, MI
/TrackResponse/Shipment/Package/Message/Description				
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Description for the code above.		PKG, MI
/TrackResponse/Shipment/Package/PackageWeight				
PackageWeight	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for package weight.		PKG, MI
/TrackResponse/Shipment/Package/PackageWeight/UnitOfMeasurement				
UnitOfMeasurement	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for package weight unit of measurement.		PKG, MI
/TrackResponse/Shipment/Package/PackageWeight/UnitOfMeasurement/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	Package weight unit of measurement code.	Valid values: LBS – Pounds (default) KGS – Kilograms OZS – Ounces	PKG, MI
/TrackResponse/Shipment/Package/PackageWeight/UnitOfMeasurement/Description				

Name	Constraint	Description	Validation	Type
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the package weight measurement units.		PKG, MI
/TrackResponse/Shipment/Package/PackageWeight/Weight				
Weight	Required: Yes* Type: String Max Allowed: 1 Length: 7	Packages weight. Set to 0 for package type of letters.		PKG, MI
/TrackResponse/Shipment/Package/ReferenceNumber				
ReferenceNumber	Required: No Type: Container Max Allowed: UNB Length: N/A	Container for package reference number. Up to 20 reference numbers can be returned.		PKG, MI
/TrackResponse/Shipment/Package/ReferenceNumber/Code				
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Package Reference number type code. The code specifies the Reference name.	For valid values, see Reference Number Codes in the Appendix.	PKG, MI
/TrackResponse/Shipment/Package/ReferenceNumber/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Customer supplied reference number.		PKG, MI
/TrackResponse/Shipment/Package/AlternateTrackingNumber				
AlternateTrackingNumber	Required: No Type: String Max Allowed: UNB Length: 35..65	Alternate tracking number returned for this package.		PKG
/TrackResponse/Shipment/Package/AlternateTrackingInfo				
AlternateTrackingInfo	Required: Cond Type: Container Max Allowed: UNB Length: N/A	Alternate tracking number returned for this package.	Mail Innovations only.	MI
/TrackResponse/Shipment/Package/AlternateTrackingInfo/Type				
Type	Required: Yes* Type: String Max Allowed: 1 Length: 1	Package Alternate Tracking info type.	Valid values: P – Package ID M -Mail Manifest ID (type of Sequence number) S- MMS number (type of Sequence number) T- Postal service Tracking ID	MI
/TrackResponse/Shipment/Package/AlternateTrackingInfo/Value				
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..34	This contains value of the alternate tracking number.		MI
/TrackResponse/Shipment/Package/DimensionalWeightScanIndicator				
DimensionalWeightScanIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Present if Dimensional Weight Scan is used to recalculate schedule delivery date. Note: This Indicator is return if SubVersion is 1407 and above.		PKG
/TrackResponse/Shipment/Package/PreauthorizedReturnInformation				
PreauthorizedReturnInformation	Required: No Type: Container	Container for the Pre-authorized For Return Information. If this information is requested and	This container will be returned only if the PreauthorizedReturnIndicator is	PKG, MI

Name	Constraint	Description	Validation	Type
	Max Allowed: 1 Length: N/A	available, then this container will be populated for small packages and Mail Innovation packages.	present in request and Pre-authorized For Return Eligibility information is available.	
/TrackResponse/Shipment/Package/PreauthorizedReturnInformation/ReturnEligibilityIndicator				
ReturnEligibilityIndicator	Required: No Type: String Max Allowed: 1 Length: 1	Contains Eligibility of the original package to initiate the "return process" via the given url. Valid values are : Y – Eligible N – Not Eligible	Valid values are : Y – Eligible N – Not Eligible	PKG, MI
/TrackResponse/Shipment/Package/PreauthorizedReturnInformation/ReturnExpirationDate				
ReturnExpirationDate	Required: No Type: String Max Allowed: 1 Length: 8	Contains the last date at which the original package can request a "return process" via the given url.	YYYYMMDD	PKG, MI
/TrackResponse/Shipment/Package/PreauthorizedReturnInformation/ReturnRequestURL				
ReturnRequestURL	Required: No Type: String Max Allowed: 1 Length: UNB	Contains the url that can be used to initiate the "return process".		PKG, MI
/TrackResponse/Shipment/Package/PreauthorizedReturnInformation/OriginalTrackingNumber				
OriginalTrackingNumber	Required: No Type: String Max Allowed: 1 Length: 1...21	Contains the tracking number of the original package.		PKG, MI
/TrackResponse/Shipment/Package/PreauthorizedReturnInformation/ReturnTrackingNumber				
ReturnTrackingNumber	Required: No Type: String Max Allowed: 1 Length: 1...21	Contains the tracking number of the return package.		PKG, MI
/TrackResponse/Shipment/Package/UPSPremierAccessorial				
UPSPremierAccessorial	Required: No Type: Container Max Allowed: 1		This container will be returned only if subversion is 2009 or greater	PKG
/TrackResponse/Shipment/Package/UPSPremierAccessorial/UPSPremierCode				
UPSPremierCode	Required: No Type: String Max Allowed: 1 Length: N/A	Valid Values: 279 (Silver) 278 (Gold) 280 (Platinum)		PKG
/TrackResponse/Shipment/Package/UPSPremierAccessorial/UPSPremierDescription				
UPSPremierDescription	Required: No Type: String Max Allowed: 1 Length: N/A	Valid Values: UPS Premier Silver UPS Premier Gold UPS Premier Platinum		PKG
/TrackResponse/Shipment/Package/SensorStatusData				
SensorStatusData	Required: No Type: Container Max Allowed: 1	Container for sensor status data	This container will be returned only if subversion is 2203 or greater	PKG
/TrackResponse/Shipment/Package/SensorStatusData/Temperature				
Temperature	Required:No	Container for temperature data		PKG

Name	Constraint	Description	Validation	Type
	Type:Temperature Type MaxAllowed:1 Length:N/A			
/TrackResponse/Shipment/Package/SensorStatusData/Temperature/GMTDate				
GMTDate	Required:No Type:String MaxAllowed:1 Length:10	Date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Temperature/GMTOffset				
GMTOffset	Required:No Type:String MaxAllowed:1 Length:6	GMT Offset of activity for the time zone. Format: (+/-)hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Temperature/GMTTime				
GMTTime	Required:No Type:String MaxAllowed:1 Length:8	Time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Temperature/LocalDate				
LocalDate	Required:No Type:String MaxAllowed:1 Length:10	Local date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Temperature/LocalTime				
LocalTime	Required:No Type:String MaxAllowed:1 Length:8	Local time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Temperature/SensorValue				
SensorValue	Required:No Type:String MaxAllowed:1 Length:7	Temperature in Celsius in the range of -100.0C to +70.0C example: 50.5		PKG
/TrackResponse/Shipment/Package/SensorStatusData/LightStrength				
LightStrength	Required:No Type: LightStrengthType MaxAllowed:1 Length:N/A	Container for light strength sensor data	This container will be returned only if subversion is 2203 or greater	PKG
/TrackResponse/Shipment/Package/SensorStatusData/LightStrength/GMTDate				
GMTDate	Required:No Type:String MaxAllowed:1 Length:10	Date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/LightStrength/GMTOffset				
GMTOffset	Required:No Type:String MaxAllowed:1 Length:6	GMT Offset of activity for the time zone. Format: (+/-)hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/LightStrength/GMTTime				
GMTTime	Required:No Type:String MaxAllowed:1 Length:8	Time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/LightStrength/LocalDate				

Name	Constraint	Description	Validation	Type
LocalDate	Required:No Type:String MaxAllowed:1 Length:10	Local date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/LightStrength/LocalTime				
LocalTime	Required:No Type:String MaxAllowed:1 Length:8	Local time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/LightStrength/SensorValue				
SensorValue	Required:No Type:String MaxAllowed:1 Length:3	The lux value in the range of 0-999 lux; shall always be reported as no decimal places. example: 120		PKG
/TrackResponse/Shipment/Package/SensorStatusData/ShockForce				
ShockForce	Required:No Type: ShockForce Type MaxAllowed:1 Length:N/A	Container for G - shock force sensor data	This container will be returned only if subversion is 2203 or greater	PKG
/TrackResponse/Shipment/Package/SensorStatusData/ShockForce/GMTDate				
GMTDate	Required:No Type:String MaxAllowed:1 Length:10	Date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/ShockForce/GMTOffset				
GMTOffset	Required:No Type:String MaxAllowed:1 Length:6	GMT Offset of activity for the time zone. Format: (+/-)hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/ShockForce/GMTTime				
GMTTime	Required:No Type:String MaxAllowed:1 Length:8	Time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/ShockForce/LocalDate				
LocalDate	Required:No Type:String MaxAllowed:1 Length:10	Local date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/ShockForce/LocalTime				
LocalTime	Required:No Type:String MaxAllowed:1 Length:8	Local time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/ShockForce/SensorValue				
SensorValue	Required:No Type:String MaxAllowed:1 Length:2	In the range of 0-16G; shall always be reported as no decimal places example: 60		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Humidity				
Humidity	Required:No Type: HumidityType MaxAllowed:1	Container for humidity sensor data	This container will be returned only if subversion is 2203 or greater	PKG

Name	Constraint	Description	Validation	Type
	Length:N/A			
/TrackResponse/Shipment/Package/SensorStatusData/Humidity/GMTDate				
GMTDate	Required:No Type:String MaxAllowed:1 Length:10	Date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Humidity/GMTOffset				
GMTOffset	Required:No Type:String MaxAllowed:1 Length:6	GMT Offset of activity for the time zone. Format: (+/-)hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Humidity/GMTTime				
GMTTime	Required:No Type:String MaxAllowed:1 Length:8	Time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Humidity/LocalDate				
LocalDate	Required:No Type:String MaxAllowed:1 Length:10	Local date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Humidity/LocalTime				
LocalTime	Required:No Type:String MaxAllowed:1 Length:8	Local time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Humidity/SensorValue				
SensorValue	Required:No Type:String MaxAllowed:1 Length:5	The humidity measured in %RH in the range 0.0% to 100.0% RH;in the range 0.0% to 100.0% RH; example: 100.0		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Gps				
Gps	Required:No Type: GpsType MaxAllowed:1 Length:N/A	Container for GPS location sensor data	This container will be returned only if subversion is 2203 or greater	PKG
/TrackResponse/Shipment/Package/SensorStatusData/Gps/GMTDate				
GMTDate	Required:No Type:String MaxAllowed:1 Length:10	Date of activity. Format: YYYY-MM-DD		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Gps/GMTOffset				
GMTOffset	Required:No Type:String MaxAllowed:1 Length:6	GMT Offset of activity for the time zone. Format: (+/-)hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Gps/GMTTime				
GMTTime	Required:No Type:String MaxAllowed:1 Length:8	Time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Gps/LocalDate				
LocalDate	Required:No Type:String	Local date of activity. Format: YYYY-MM-DD		PKG

Name	Constraint	Description	Validation	Type
	MaxAllowed:1 Length:10			
/TrackResponse/Shipment/Package/SensorStatusData/Gps/LocalTime				
LocalTime	Required:No Type:String MaxAllowed:1 Length:8	Local time of activity. Format: hh:mm:ss or hh:mm		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Gps/Latitude				
Latitude	Required:No Type:String MaxAllowed:1 Length:8	Location accuracy within 11 miles. – example: 90.1234		PKG
/TrackResponse/Shipment/Package/SensorStatusData/Gps/Longitude				
Longitude	Required:No Type:String MaxAllowed:1 Length:9	Location accuracy within 11 miles. Longitude: - example: 180.1234		PKG
/TrackResponse/Shipment/Package/FlightIndicator				
FlightIndicator	Required: No Type: String Max Allowed: 1 Length: N/A	This indicator will be used to display a plane icon and details on the status of the UPS Premier Package so that the user will know their package is currently on a plane. The locations will update once the package is no longer in flight Returns true if flight indicator is available and return false if flight indicator is not available.	Valid Values: true, false	PKG

Disclaimer

Name	Constraint	Description	Validation	Type
/TrackResponse/Disclaimer				
Disclaimer	Required: No Type: String Max Allowed: UNB Length: 1..300	Any necessary or special notice.		All

Chapter 5: Tracking Web Service API Examples

Tracking Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://www.ups.com/XMLSchema/XOLTWS/UPSS/v1.0"
xmlns:v3="http://www.ups.com/XMLSchema/XOLTWS/Track/v2.0"
xmlns:v11="http://www.ups.com/XMLSchema/XOLTWS/Common/v1.0">

  <soapenv:Header>

    <v1:UPSSecurity>

      <v1:UsernameToken>

        <v1:Username>YourUserID</v1:Username>

        <v1:Password>YourPassword</v1:Password>

      </v1:UsernameToken>

      <v1:ServiceAccessToken>

        <v1:AccessLicenseNumber>YourLicenseNumber</v1:AccessLicenseNumber>

      </v1:ServiceAccessToken>

    </v1:UPSSecurity>

  </soapenv:Header>

  <soapenv:Body>

    <v3:TrackRequest>

      <v11:Request>

        <v11:RequestOption>1</v11:RequestOption>

        <v11:TransactionReference>

          <v11:CustomerContext>Your Test Case Summary Description</v11:CustomerContext>

        </v11:TransactionReference>

      </v11:Request>

      <v3:InquiryNumber>YourTrackingNumber</v3:InquiryNumber>

    </v3:TrackRequest>

  </soapenv:Body>

</soapenv:Envelope>
```

Track Response

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <trk:TrackResponse xmlns:trk="http://www.ups.com/XMLSchema/XOLTWS/Track/v2.0">
      <common:Response xmlns:common="http://www.ups.com/XMLSchema/XOLTWS/Common/v1.0">
        <common:ResponseStatus>
          <common:Code>1</common:Code>
          <common:Description>Success</common:Description>
        </common:ResponseStatus>
        <common:TransactionReference>
          <common:CustomerContext>Your Test Case Summary
Description</common:CustomerContext>
        </common:TransactionReference>
      </common:Response>
      <trk:Shipment>
        <trk:InquiryNumber>
          <trk:Code>01</trk:Code>
          <trk:Description>ShipmentIdentificationNumber</trk:Description>
          <trk:Value>1Z12345E1305277940</trk:Value>
        </trk:InquiryNumber>
        <trk:ShipmentType>
          <trk:Code>01</trk:Code>
          <trk:Description>Package</trk:Description>
        </trk:ShipmentType>
        <trk:ShipperNumber>12345E</trk:ShipperNumber>
        <trk:Service>
          <trk:Code>013</trk:Code>
          <trk:Description>NEXT DAY AIR SAVER</trk:Description>
        </trk:Service>
        <trk:PickupDate>20100302</trk:PickupDate>
        <trk:Package>
          <trk:TrackingNumber>1Z12345E1305277940</trk:TrackingNumber>
          <trk:Activity>
            <trk:ActivityLocation>
              <trk:Address>
                <trk:City>GRAND JUNCTION AIR S</trk:City>
                <trk:StateProvinceCode>CO</trk:StateProvinceCode>
                <trk:CountryCode>US</trk:CountryCode>
              </trk:Address>
```

```
            </trk:ActivityLocation>
            <trk:Status>
              <trk:Type>I</trk:Type>
              <trk:Description>ORIGIN SCAN</trk:Description>
              <trk:Code>OR</trk:Code>
            </trk:Status>
            <trk:Date>20100505</trk:Date>
            <trk:Time>010000</trk:Time>
          </trk:Activity>
          <trk:PackageWeight>
            <trk:UnitOfMeasurement>
              <trk:Code>LBS</trk:Code>
            </trk:UnitOfMeasurement>
            <trk:Weight>0.00</trk:Weight>
          </trk:PackageWeight>
          <trk:ReferenceNumber>
            <trk:Code>01</trk:Code>
            <trk:Value>FLCAPA</trk:Value>
          </trk:ReferenceNumber>
          <trk:ReferenceNumber>
            <trk:Code>08</trk:Code>
            <trk:Value>TG5432</trk:Value>
          </trk:ReferenceNumber>
        </trk:Package>
      </trk:Shipment>
    </trk:TrackResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Signature Tracking Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://www.ups.com/XMLSchema/XOLTWS/UPSS/v1.0"
xmlns:v3="http://www.ups.com/XMLSchema/XOLTWS/Track/v2.0"
xmlns:v11="http://www.ups.com/XMLSchema/XOLTWS/Common/v1.0">
  <soapenv:Header>
    <v1:UPSSecurity>
      <v1:UsernameToken>
        <v1:Username>YourUserID</v1:Username>
        <v1:Password>YourPassword</v1:Password>
      </v1:UsernameToken>
      <v1:ServiceAccessToken>
        <v1:AccessLicenseNumber>YourLicenseNumber</v1:AccessLicenseNumber>
      </v1:ServiceAccessToken>
    </v1:UPSSecurity>
  </soapenv:Header>
  <soapenv:Body>
    <v3:TrackRequest>
      <v11:Request>
        <v11:RequestOption>15</v11:RequestOption>
        <v11:TransactionReference>
          <v11:CustomerContext>Your Test Case Summary Description</v11:CustomerContext>
        </v11:TransactionReference>
      </v11:Request>
      <v3:InquiryNumber>YourTrackingNumber</v3:InquiryNumber>
    </v3:TrackRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Signature Tracking Response

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <trk:TrackResponse xmlns:trk="http://www.ups.com/XMLSchema/XOLTWS/Track/v2.0">
      <common:Response
xmlns:common="http://www.ups.com/XMLSchema/XOLTWS/Common/v1.0">
        <common:ResponseStatus>
          <common:Code>1</common:Code>
          <common:Description>Success</common:Description>
        </common:ResponseStatus>
        <common:TransactionReference>
          <common:CustomerContext>Signature track test</common:CustomerContext>
        </common:TransactionReference>
      </common:Response>
      <trk:Shipment>
        <trk:InquiryNumber>
          <trk:Code>01</trk:Code>
          <trk:Description>ShipmentIdentificationNumber</trk:Description>
          <trk:Value>YourTrackingNumber</trk:Value>
        </trk:InquiryNumber>
        <trk:ShipperNumber>F00100</trk:ShipperNumber>
        <trk:ShipmentWeight>
          <trk:UnitOfMeasurement>
            <trk:Code>LBS</trk:Code>
          </trk:UnitOfMeasurement>
          <trk:Weight>35.00</trk:Weight>
        </trk:ShipmentWeight>
        <trk:Service>
          <trk:Code>02</trk:Code>
          <trk:Description>UPS 2ND DAY AIR</trk:Description>
        </trk:Service>
        <trk:Package>
          <trk:TrackingNumber>YourTrackingNumber</trk:TrackingNumber>
          <trk:Activity>
            <trk:ActivityLocation>
              <trk:Address/>
            </trk:ActivityLocation>
            <trk:Status>
              <trk:Type>X</trk:Type>
              <trk:Description>Delivered to UPS Access Point™ location and awaiting customer
pickup.</trk:Description>
              <trk:Code>ZP</trk:Code>
            </trk:Status>
            <trk:Date>20130925</trk:Date>
            <trk:Time>172800</trk:Time>
          </trk:Activity>
          <trk:Activity>
            <trk:ActivityLocation>
              <trk:Address>
```

```
                    <trk:City>LONDON CENTRAL</trk:City>
                    <trk:CountryCode>GB</trk:CountryCode>
                  </trk:Address>
              </trk:ActivityLocation>
              <trk:Status>
                  <trk:Type>X</trk:Type>
                  <trk:Description>Delivered to UPS Access Point™ location and awaiting customer
pickup.</trk:Description>
                  <trk:Code>ZP</trk:Code>
              </trk:Status>
              <trk:Date>20130925</trk:Date>
              <trk:Time>172300</trk:Time>
          </trk:Activity>
          <trk:Activity>
              <trk:ActivityLocation>
                <trk:Address>
                    <trk:City>MAYSVILLE</trk:City>
                    <trk:StateProvinceCode>WV</trk:StateProvinceCode>
                    <trk:PostalCode>26833   9700</trk:PostalCode>
                    <trk:CountryCode>US</trk:CountryCode>
                  </trk:Address>
                  <trk:Code>MG</trk:Code>
                  <trk:Description>LEFT WITH MAN</trk:Description>
                  <trk:SignedForByName>Larry</trk:SignedForByName>
              </trk:ActivityLocation>
              <trk:Status>
                  <trk:Type>D</trk:Type>
                  <trk:Description>Delivered</trk:Description>
                  <trk:Code>KB</trk:Code>
              </trk:Status>
              <trk:Date>20030313</trk:Date>
              <trk:Time>160000</trk:Time>
              <trk:Document>
                <trk:Type>
                    <trk:Code>04</trk:Code>
                    <trk:Description>POD Letter</trk:Description>
                </trk:Type>
                <trk:Content>Base64 Encoded PODLetter in html format</trk:Content>
                <trk:Format>
                    <trk:Code>03</trk:Code>
                    <trk:Description>HTML</trk:Description>
                </trk:Format>
              </trk:Document>
          </trk:Activity>
          <trk:PackageWeight>
            <trk:UnitOfMeasurement>
                <trk:Code>LBS</trk:Code>
            </trk:UnitOfMeasurement>
            <trk:Weight>35.00</trk:Weight>
          </trk:PackageWeight>
```

```
          </trk:Package>
        </trk:Shipment>
      </trk:TrackResponse>
    </soapenv:Body>
  </soapenv:Envelope>
```

Chapter 6: Tracking API FAQs

Category	Question	Answer
Scan Types	Does a scan type display when a driver scans a Pickup Summary Barcode (PSB) in the Tracking API?	UPS receives PSB scans at the shipment level (when available), but we don't display the information within our tracking systems.
Scheduled Delivery Date (SDD) and Rescheduled Delivery Date (RSD)	Does the Tracking API provide a Scheduled Delivery Date?	Yes. ScheduledDeliveryDate container described within the Developer Guide. If the SDD changes then a date is returned within the RescheduledDeliveryDate container.
Tracking	What is the UPS Tracking API and Signature Tracking API?	UPS Tracking API is an Internet-based application that adds a new level of customer service throughout your company and functionality to your e-commerce Web site or enterprise application. With UPS Tracking API, your customers can track products they have purchased online more efficiently than ever before. **UPS Tracking API**: Provide up-to-the-minute shipment status – from origin to delivery – to your online customers. **UPS Signature Tracking API**: Obtain proof of delivery containing a digitized signature and delivery address.
Tracking	How much does the UPS Tracking API cost?	UPS Tracking API is free to license. There are no hidden fees or charges, though you may require IT resources or 3rd party developers depending on how complex your integration application is.
Tracking	What is the difference between Tracking API and Signature Tracking API?	Basically the Tracking and Signature Tracking API is the same, with the exception for authorization to see full Delivery address, 'delivered to' name, and Signature image.
Tracking	Can I use Tracking information in a Frame on my own site?	UPS strongly discourage the use of Framed information. See the UPS.Com Terms and Conditions accepted by all registered users.
Tracking	Why is the Tracking Online Tools now called UPS Tracking API?	Online Tools described many different APIs. UPS Tracking API describes the Tracking API and registering for it is now simple and easier to use.
Tracking	Could my Tracking API license be revoked?	UPS retains the right to revoke an access key or block access from any user that abuse the tracking system.
Tracking	Why am I not receiving a response on my tracking number that I just created? Information unavailable.	If a shipment was created with the UPS Shipping API, UIS or UIFS, do not attempt to track it immediately because it will not be available until the UPS database has been populated with the manifest details, usually 5 to 10 minutes. If a shipper used a shipping system like WorldShip and fails to upload manifest details by completing EOD, UPS will not have the manifest information, and Tracking will not be able to return a response until a subsequent event, example: origin scan.

Category	Question	Answer
Transport Modes	What transport modes are available within the Tracking API?	All modes of transport are available within the Tracking API for; package.
Basic tracking	Does the Tracking API support Basic service?	Yes, we display tracking info for BASIC on UPS.com and in XOLT just like for any other package service. However, it is important to remember that the Delivery is made by the post office and a delivery scan may be delayed or not available at all. SDD/RDD is NOT displayed with Basic services tracking statuses. As for an In Transit status, the status is triggered by a movement scan, just like for our other package offerings. An origin, pickup, arrival, or departure scan will display In Transit status. Here is an example 1Z in production if you want to check: 1Z2W99W3PP20791577
Reference Number Tracking	If a customer processes 7 packages in one shipment, will reference number tracking in the Tracking API playback all seven packages or just the lead package or any one of the packages in some type of order?	You can track a shipment through reference 1 or reference 2 only. When tracking a multiple-piece shipment if you use the lead number it will show you the information for the first 50 packages within that shipment however, if you track with other than the lead number it will only show the tracking information for that individual packages.
Reference number tracking	Why do I see xxxxxxxxx1234 instead of the tracking number when I do a reference number search	Based on the request of some shippers, some tracking numbers in the reference number track results may be masked.
Scan Info	Is the "Billing Information Received" scan the same as the "Order Processed: Ready for UPS" scan on the web?	Yes
Scan Info	Why isn't there a Scheduled Day of Delivery (SDD) returned with the Billing Information Received scan?	Since these are packages that can be injected into the UPS Operations from any channel UPS waits until we are certain we have taken possession of the package prior to including an SDD.
Scan Info	I see the Tracking API returning a scan called "UPS Internal Activity". What is this and why don't I see this when I track a package on the web at UPS.com?	UPS Internal Activity scan is a generic description for one of several internal operations scans which are filtered by the web tracking application at UPS.com. These scans are not used externally. You may consider dropping these records in your process.
POD	How long can I store the POD?	UPS Technology Agreement allows you to store a POD letter (which may or may not contain digital signature) for a maximum of 18 months.

Category	Question	Answer
High Frequency tracking guidelines	What are guidelines for high frequency tracking?	• Ensure tracking requests are valid. If your request returns an error message such as "tracking number not found", "no information available", or "invalid tracking number", you should research the cause of the error before continuing to track the same number.
		• When the results of a tracking request indicate a "delivered" status do not continue to track the package.
		• Track packages during "off hours" whenever possible, "off hours" are from 5:00 pm till 8:00 am East Coast time.
		• Use your UPS service level (Early, Next Day Air, etc.) to determine the best time of day to track and receive up to the minute tracking information.
		• Evenly distribute your information requests over the remaining 19 hour window.
		• If daily/weekly tracking requests exceed daily shipping volume by a large margin, UPS will reserve the right to suspend tracking for that account until the situation is rectified. If a resolution cannot be found and implemented, tracking for that account may be terminated.
		• If you are tracking with an automated tracking robot make sure you check your system at least once a week to insure it's operating at peak performance. Most HFT cases are due to automated tracking systems becoming corrupt and falling into a tracking loop.
		• Refrain from tracking the same numbers continually throughout the day. Unique tracking numbers should be tracked no more than once per hour or a maximum of 24 times in a single day.
		• Avoid automatic access between 10:00 am to 3:00 pm EST. However, you may track critical packages during this time.
General	What is Pre-Authorized Returns?	A shipper has the ability to authorize a receiver to print a Return Service Label to make retail merchandise returns easier. A URL is included in the Response XML for eligible packages

Signature Tracking FAQs

Storage of electronic image	How long is data stored for Signature Tracking signature image?	120 days.
Storage of electronic image	Is there a watermark behind the signature image returned by the UPS Signature Tracking API?	Yes. It is part of the signature image returned by the UPS Signature Tracking API and cannot be modified in any way, transferred etcetera. Electronic Signature Images and POD Letters The information you receive through the API may include electronic signature images. Electronic Signature Images, other than as part of a POD Letter, may not be stored, distributed to any third party, copied, or modified. Each POD Letter generated or developed as the result of using or access to the UPS OnLine Tools Tracking Tool may be stored in electronic format until eighteen (18) months after the delivery of the shipment referenced in the POD Letter. Your application may not distribute a POD Letter electronically to third parties, other than as a facsimile transmission.
Transmission of electronic image	Can the POD Letter generated through a POD image be emailed?	No. Only faxed or mailed. It can be stored electronically for 18 months but cannot be emailed.
Tracking	How do I add shipper accounts for authorization to Signature Tracking API?	To add shipper account for Signature tracking the user can access myUPS on UPS.Com by logging in with the user ID and password associated with the access key, and adding the account to the account summary. A recent invoice will be needed to provide the latest invoice date, amount, and control number (if applicable)

Appendices

Error Codes (WS)

When the UPS system is unable to respond to a request, be it from a malformed request, an illegal or invalid value, or other issues, the API generates an error response. For examples and additional information on error responses, refer to *Chapter 3: Error Responses*, in the *Introduction to the UPS Developer Kit* guide.

Successful responses may or may not include alerts.

- o Without alerts – Indicates the request has been processed as anticipated.

- o With alerts – Indicates the request has been processed with potentially unanticipated results. The alert contains information in the response that should be passed to the end user.

The severity of an error may be transient or hard.

- o Transient error – Indicates an error that is temporary in nature. Such errors may be caused by response timeouts due to high server loads or scheduled maintenance in progress. The request may be issued successfully at a later time.

- o Hard error – Indicates the request has a problem that the system is not able to resolve. These errors are critical and prevent requests from processing.

- 📄 Do not resubmit requests with Hard Errors until the problems causing the error have been resolved.

📄 Common Error Codes

The following error codes can apply to all Webservice and other APIs.

Code	Severity	Description
10001	Hard	The request is not well formed.
10002	Hard	The request is well formed but the request is not valid.
10003	Hard	The request is either empty or null.
10006	Hard	Although the document is well formed and valid, the element content contains values which do not conform to the rules and constraints contained in this specification.
10013	Hard	The message is too large to be processed by the Application.
10429	Transient	Too many requests
20001	Transient	General process failure.
20002	Hard	The specified service name, {0}, and version number, {1}, combination is invalid.
20003	Hard	Please check the server environment for the proper J2EE ws apis.
20006	Hard	Invalid request action.
20007	Hard	Missing Required field, {0}.
20008	Hard	The field, {0}, contains invalid data, {1}.
20012	Hard	The Client Information exceeds its Maximum Limit of {0}.
250000	Hard	No XML declaration in the XML document.
250001	Hard	Invalid Access License for the tool. Please re-license.
250002	Hard	Invalid UserId/Password.
250003	Hard	Invalid Access License number.
250004	Hard	Incorrect UserId or Password.
250005	Hard	No Access and Authentication Credentials provided.

Code	Severity	Description
250006	Hard	The maximum number of user access attempts was exceeded.
250007	Hard	The UserId is currently locked out; please try again in 30 minutes.
250009	Hard	License Number not found in the UPS database.
250019	Hard	Invalid Field value.
250050	Transient	License system not available.

Tracking Error Codes

Error Code	Severity	Description
20011	Hard	The Integration indicator is no longer supported
150000	Transient	Tracking service unavailable
150020	Hard	Invalid pickup date range
150021	Hard	Invalid shipment identification number
150022	Hard	Invalid tracking number
150023	Hard	Invalid reference number value length
150024	Hard	Invalid destination postal code length
150025	Hard	Invalid destination country code length
150026	Hard	Invalid begin date length
150027	Hard	Invalid end date length
150028	Hard	Invalid shipper number length
150029	Hard	Duplicate Tracking Numbers found in Package Detail
150030	Hard	Invalid Request/ RequestOption
150040	Hard	Invalid data found or the combination of data elements is invalid
150099	Transient	Delivery Change Request System Unavailable
151018	Hard	Invalid tracking number
151019	Hard	No activity records found for tracking number
151036	Hard	Either tracking number or reference number required
151038	Hard	Shipment number required with reference number
151040	Hard	Both tracking number and reference number invalid
151044	Hard	No tracking information available
151045	Hard	No information found
151050	Hard	Too many records to display

Error Code	Severity	Description
151051	Hard	Some Records are not returned
151062	Hard	No tracking information available
151068	Hard	Invalid Shipper Number
151085	Hard	Multiple shipper numbers found
151086	Hard	Maximum candidate exceeded for Reference number search. Use the tracking number search
151091	Hard	Multiple reference numbers found, it may be possible to narrow the search with additional data.
151602	Hard	Destination Country Code must be entered
152012	Hard	Number of records selected exceeds limit of 175
152100	Hard	Enter shipper number -–additional shippers used the reference
152110	Hard	No information found for reference number
152315	Hard	Multiple reference numbers found, it is not possible to qualify further.
154010	Hard	Invalid inquiry number
154030	Hard	No information for this tracking number
154040	Hard	Invalid tracking type
154050	Hard	Non-unique BCD number -–Candidate List returned
154070	Hard	Signature Tracking Options not available without successful login
154082	Hard	The supplied Candidate Bookmark fails validation
154083	HARD	Specific Tracking data could not be found. It may be possible to narrow the search with additional data.
150084	Hard	Invalid origin postal code length
150085	Hard	Invalid origin country code length
154086	Hard	Missing origin country code when origin postal code is supplied
155001	Transient	Mail Innovations Tracking Service Unavailable.
155002	Hard	Mail Innovations Tracking Information not found.
155003	Hard	Invalid request option for Mail Innovations.
155005	Hard	Invalid country code for Mail Innovations.
155006	Hard	Invalid postal code for Mail Innovations.
9150001	Hard	Invalid access license number for tracking request option
9150002	Hard	Invalid or missing inquiry number -–TrackingNumber, ShipmentIdentificationNumber, or ReferenceNumber
9150003	Hard	Invalid Candidate Bookmark

Error Code	Severity	Description
9150004	Hard	Shipment Type should be specified when tracking by Reference Number
9150006	Hard	CountryCode should be specified when ShipperAccountInfo container is present.
9150007	Hard	Missing Recipient Email Address
9150008	Hard	Missing Failure Email Address
9150009	Hard	Missing Language information.
9154099	Hard	Either ExceptionNotificationIndicator or DeliveryNotificationIndicator has to be supplied with Quantum View Notification request.
9151000	Hard	Invalid Tracking Request Document

Alert Codes

Code	Description
154080	Could not verify Signature rights
154081	Your search returned multiple Shipments. Please select from the provided results.
155004	Max size of the candidate list is exceeded.

Accessorial Codes

01 -–Signature Required

02 -–Adult Signature Required

03 -–Import Control

04 -–Commercial Invoice Removal

05 -–UPS Carbon Neutral

06 -–USPS PIC Number Of Flexible Return Shipment (The value tag is populated)

07 -–Product Type (This may have additional attributes populated for product type code and description)

08 -–Location Assured

09 – Exchange Based

10 – Packand Collect

030 – Hazardous Material Dangerous Goods

035 – Saturday Pickup

036 – Saturday Delivery

039 – Declared Value Insurance

043 – Customized Delivery Confirm.

058 -–Hold for Pickup

209 – Dry Ice

229 – Carbon Neutral Shipment

232 – UPS Returns Exchange (Forward MVMT)

233 – UPS Ret Pack and Collect

234 – UPS Returns Exchange Print Label

254 -–Lift Gate Service for Delivery

255 -–Lift Gate Service for Pickup

256 -–Drop Off At Facility

259 -–Direct to Retail

261 -–Deliver to Addressee only

262 -–Deliver to Retail COD

263 -–Retail to Retail Shipment

426 -–Direct Delivery Only

427 -–Infectious Substance Category A

428 -–Package Release Code

Country/Territory Codes

Tracking API Supported Countries/Territories

UPS country/territory code abbreviations generally follow the recommendations of the International Standards Organization (ISO), which publishes a list of country or territory abbreviations in ISO Standard 3166.

The following table lists the country or territory codes defined by ISO at the time of this publication. The latest information is available from the ISO web site: http://www.iso.org/.

📄 **NOTE**: Not all UPS services are available in every country/territory. Refer to the UPS Rate and Service Guide at UPS.com for more information on UPS services.

Country/Territory Name	Country/Territory Code	Supported Forward Origin	Supported Return Origin
Afghanistan	AF		
Åland Islands	AX		
Albania	AL		Yes
Algeria	DZ		
American Samoa	AS		
Andorra	AD		Yes
Angola	AO		
Anguilla	AI		Yes
Antarctica	AQ		
Antigua and Barbados	AG		Yes
Argentina	AR	Yes	Yes
Armenia	AM		
Aruba	AW		
Australia	AU	Yes	Yes
Austria	AT	Yes	Yes
Azerbaijan	AZ		
Bahamas	BS	Yes	
Bahrain	BH		Yes
Bangladesh	BD		
Barbados	BB		
Belarus	BY		
Belgium	BE	Yes	Yes
Belize	BZ		
Benin	BJ		
Bermuda	BM	Yes	Yes
Bhutan	BT		

Country/Territory Name	Country/Territory Code	Supported Forward Origin	Supported Return Origin
Bolivia	BO	Yes	
Bosnia and Herzegovina	BA		
Botswana	BW		
Bouvet Island	BV		
Brazil	BR	Yes	Yes
British Indian Ocean Territory	IO		
Brunei Darussalam	BN		
Bulgaria	BG		Yes
Burkina Faso	BF		
Burundi	BI		
Cambodia	KH		
Cameroon	CM		
Canada	CA	Yes	Yes
Cape Verde	CV		
Cayman Islands	KY	Yes	
Central African Republic	CF		
Chad	TD		
Chile	CL	Yes	Yes
China Mainland	CN	Yes	Yes
Christmas Island	CX		
Cocos (Keeling) Islands	CC		
Colombia	CO	Yes	Yes
Comoros	KM		
Congo	CG		
Congo, The Democratic Republic of	CD		
Cook Islands	CK		
Costa Rica	CR	Yes	Yes
Côte Divoire	CI		
Croatia	HR		Yes
Cuba	CU		
Cyprus	CY		Yes
Czech Republic	CZ	Yes	Yes

Country/Territory Name	Country/Territory Code	Supported Forward Origin	Supported Return Origin
Denmark	DK	Yes	Yes
Djibouti	DJ		
Dominica	DM		
Dominican Republic	DO	Yes	Yes
Ecuador	EC	Yes	Yes
Egypt	EG		Yes
El Salvador	SV	Yes	Yes
Equatorial Guinea	GQ		
Eritrea	ER		
Estonia	EE		Yes
Ethiopia	ET		
Falkland Islands (Malvinas)	FK		
Faroe Islands	FO		
Fiji	FJ		
Finland	FI	Yes	Yes
France	FR	Yes	Yes
French Guiana	GF		
French Polynesia	PF		
French Southern Territories	TF		
Gabon	GA		
Gambia	GM		
Georgia	GE		
Germany	DE	Yes	Yes
Ghana	GH		
Gibraltar	GI		
Greece	GR	Yes	Yes
Greenland	GL		
Grenada	GD		Yes
Guadeloupe	GP		
Guam	GU		
Guatemala	GT	Yes	Yes
Guernsey	GG	Yes	Yes
Guinea	GN		

Country/Territory Name	Country/Territory Code	Supported Forward Origin	Supported Return Origin
Guinea-Bissau	GW		
Guyana	GY		
Haiti	HT		Yes
Heard Island and McDonald Islands	HM		
Holy See (Vatican City State)	VA		
Honduras	HN	Yes	Yes
Hong Kong SAR, China	HK	Yes	Yes
Hungary	HU	Yes	Yes
Iceland	IS		Yes
India	IN	Yes	Yes
Indonesia	ID	Yes	Yes
Iran, Islamic Republic of	IR		
Iraq	IQ		
Ireland	IE	Yes	Yes
Isle of Man	IM		
Israel	IL	Yes	Yes
Italy	IT	Yes	Yes
Jamaica	JM		Yes
Japan	JP	Yes	Yes
Jersey	JE	Yes	Yes
Jordan	JO		
Kazakhstan	KZ		
Kenya	KE		
Kiribati	KI		
Korea, Democratic People's Republic of	KP		
Korea, Republic of	KR	Yes	Yes
Kuwait	KW		Yes
Kyrgyzstan	KG		
Lao Peoples Democratic Republic	LA		
Latvia	LV		Yes
Lebanon	LB		Yes

Country/Territory Name	Country/Territory Code	Supported Forward Origin	Supported Return Origin
Lesotho	LS		
Liberia	LR		
Libyan Arab Jamahiriya	LY		
Liechtenstein	LI		Yes
Lithuania	LT		Yes
Luxembourg	LU		Yes
Macau (Macao) SAR, China	MO	Yes	Yes
Macedonia, The Former Yugoslav Republic of	MK		
Madagascar	MG		
Malawi	MW		
Malaysia	MY	Yes	Yes
Maldives	MV		
Mali	ML		
Malta	MT		Yes
Marshall Islands	MH		
Martinique	MQ		Yes
Mauritania	MR		
Mauritius	MU		
Mayotte	YT		
Mexico	MX	Yes	Yes
Micronesia, Federated States of	FM		
Moldova, Republic of	MD		
Monaco	MC		Yes
Mongolia	MN		
Montenegro	ME		Yes
Montserrat	MS		Yes
Morocco	MA		
Mozambique	MZ		
Myanmar	MM		
Namibia	NA		
Nauru	NR		
Nepal	NP		

Country/Territory Name	Country/Territory Code	Supported Forward Origin	Supported Return Origin
Netherlands	NL	Yes	Yes
Netherlands Antilles	AN		
New Caledonia	NC		
New Zealand	NZ	Yes	Yes
Nicaragua	NI	Yes	Yes
Niger	NE		
Nigeria	NG		Yes
Nigeria	NG		
Niue	NU		
Norfolk Island	NF		
Northern Mariana Islands	MP		
Norway	NO	Yes	Yes
Oman	OM		Yes
Pakistan	PK		Yes
Palau	PW		Yes
Palestinian Territory, Occupied	PS		
Panama	PA	Yes	Yes
Papua New Guinea	PG		
Paraguay	PY	Yes	Yes
Peru	PE	Yes	Yes
Philippines	PH	Yes	Yes
Pitcairn	PN		
Poland	PL	Yes	Yes
Portugal	PT	Yes	Yes
Puerto Rico	PR	Yes	Yes
Qatar	QA		Yes
Réunion	RE		
Romania	RO	Yes	Yes
Russian Federation	RU	Yes	Yes
Rwanda	RW		
Saint Helena	SH		
Saint Kitts and Nevis	KN		Yes

Country/Territory Name	Country/Territory Code	Supported Forward Origin	Supported Return Origin
Saint Lucia	LC		Yes
Saint Pierre and Miquelon	PM		
Saint Vincent and The Grenadines	VC		Yes
Samoa	WS		
San Marino	SM		Yes
Sao Tome and Principe	ST		
Saudi Arabia	SA		Yes
Senegal	SN		
Serbia	RS		Yes
Seychelles	SC		
Sierra Leone	SL		
Singapore	SG	Yes	Yes
Slovakia	SK		Yes
Slovenia	SI		Yes
Solomon Islands	SB		
Somalia	SO		
South Africa	ZA		Yes
South Georgia and The South Sandwich Islands	GS		
Spain	ES	Yes	Yes
Sri Lanka	LK		Yes
Sudan	SD		
Suriname	SR		Yes
Svalbard and Jan Mayen	SJ		
Swaziland	SZ		
Sweden	SE	Yes	Yes
Switzerland	CH	Yes	Yes
Syrian Arab Republic	SY		
Taiwan, China	TW	Yes	Yes
Tajikistan	TJ		
Tanzania, United Republic of	TZ		
Thailand	TH	Yes	Yes
Timor-Leste	TL		

Country/Territory Name	Country/Territory Code	Supported Forward Origin	Supported Return Origin
Togo	TG		
Tokelau	TK		
Tonga	TO		
Trinidad and Tobago	TT		
Tunisia	TN		Yes
Turkey	TR	Yes	Yes
Turkmenistan	TM		
Turks and Caicos Islands	TC		Yes
Tuvalu	TV		
Uganda	UG		
Ukraine	UA		Yes
United Arab Emirates	AE		Yes
United Kingdom	GB	Yes	Yes
United States	US	Yes	Yes
United States Minor Outlying Islands	UM		
Uruguay	UY	Yes	Yes
Uzbekistan	UZ		
Vanuatu	VU		
Venezuela	VE	Yes	Yes
Viet Nam	VN	Yes	
Virgin Islands, British	VG		
Virgin Islands, U.S.	VI	Yes	Yes
Wallis and Futuna	WF		
Western Sahara	EH		
Yemen	YE		
Zambia	ZM		
Zimbabwe	ZW		

Currency Codes

UPS currency code abbreviations generally follow the recommendations of the International Standards Organization (ISO), which publishes a list of currency abbreviations in ISO Standard 4217. The following table lists the currency codes defined by ISO at the time of this publication. The latest information is available from the ISO web site: http://www.iso.org/.

Countries/Territories may sometimes change their official currency. UPS does require time after the introduction of a new currency before it can fully support that currency. In addition, UPS may continue to support the older currency for an interim period in order to provide backwards compatibility.

UPS may also require the use of currencies other than the official currency for some countries/Territories.

Country/Territory	Currency Name	Currency Code
Afghanistan	Afghani	AFN
Albania	Lek	ALL
Algeria	Algerian Dinar	DZD
American Samoa	US Dollar	USD
Andorra	Euro	EUR
Angola	Kwanza	AOA
Anguilla	East Caribbean Dollar	XCD
Antigua And Barbuda	East Caribbean Dollar	XCD
Argentina	Argentine Peso	ARS
Armenia	Armenian Dram	AMD
Aruba	Aruban Guilder	AWG
Australia	Australian Dollar	AUD
Austria	Euro	EUR
Azerbaijan	Azerbaijanian Manat	AZN
Bahamas	Bahamian Dollar	BSD
Bahrain	Bahraini Dinar	BHD
Bangladesh	Taka	BDT
Barbados	Barbados Dollar	BBD
Belarus	Belarussian Ruble	BYR
Belgium	Euro	EUR
Belize	Belize Dollar	BZD
Benin	CFA Franc BCEAO	XOF
Bermuda	Bermudian Dollar	BMD
Bhutan	Indian Rupee	INR
Bhutan	Ngultrum	BTN
Bolivia	Boliviano	BOB
Bolivia	Mvdol	BOV

Country/Territory	Currency Name	Currency Code
Bosnia and Herzegovina	Convertible Marks	BAM
Botswana	Pula	BWP
Bouvet Island	Norwegian Krone	NOK
Brazil	Brazilian Real	BRL
British Indian Ocean Territory	US Dollar	USD
Brunei Darussalam	Brunei Dollar	BND
Bulgaria	Bulgarian Lev	BGN
Burkina Faso	CFA Franc BCEAO	XOF
Burundi	Burundi Franc	BIF
Cambodia	Riel	KHR
Cameroon	US Dollar	USD
Canada	Canadian Dollar	CAD
Cape Verde	Cape Verde Escudo	CVE
Cayman Islands	Cayman Islands Dollar	KYD
Central African Republic	CFA Franc BEAC	XAF
Chad	CFA Franc BEAC	XAF
Chile	Chilean Peso	CLP
Chile	Unidades de formento	CLF
China Mainland	Yuan Renminbi	RMB
Christmas Island	Australian Dollar	AUD
Cocos (Keeling) Islands	Australian Dollar	AUD
Colombia	Colombian Peso	COP
Colombia	Unidad de Valor Real	COU
Comoros	Comoro Franc	KMF
Congo	CFA Franc BEAC	XAF
Congo, The Democratic Republic of	Franc Congolais	CDF
Cook Islands	New Zealand Dollar	NZD
Costa Rica	Costa Rican Colon	CRC
Côte Divoire	CFA Franc BCEAO	XOF
Croatia	Croatian Kuna	HRK
Cuba	Cuban Peso	CUP
Cyprus	Euro	EUR
Czech Republic	Czech Koruna	CZK

Country/Territory	Currency Name	Currency Code
Denmark	Danish Krone	DKK
Djibouti	Djibouti Franc	DJF
Dominica	East Caribbean Dollar	XCD
Dominican Republic	Dominican Peso	DOP
Ecuador	US Dollar	USD
Egypt	Egyptian Pound	EGP
El Salvador	El Salvador Colon	SVC
El Salvador	US Dollar	USD
Equatorial Guinea	CFA Franc BEAC	XAF
Eritrea	Nakfa	ERN
Estonia	Euro	EUR
Ethiopia	Ethiopian Birr	ETB
Falkland Islands (Malvinas)	Falkland Islands Pound	FKP
Faroe Islands	Danish Krone	DKK
Fiji	Fiji Dollar	FJD
Finland	Euro	EUR
France	Euro	EUR
French Guiana	Euro	EUR
French Polynesia	CFP Franc	XPF
French Southern Territories	Euro	EUR
Gabon	CFA Franc BEAC	XAF
Gambia	Dalasi	GMD
Georgia	Lari	GEL
Germany	Euro	EUR
Ghana	Cedi	GHS
Gibraltar	Gibraltar Pound	GIP
Greece	Euro	EUR
Greenland	Danish Krone	DKK
Grenada	East Caribbean Dollar	XCD
Guadeloupe	Euro	EUR
Guam	US Dollar	USD
Guatemala	Quetzal	GTQ
Guernsey	Pound Sterling	GBP

Country/Territory	Currency Name	Currency Code
Guinea	Guinea Franc	GNF
Guinea-Bissau	Guinea-Bissau Peso	GWP
Guinea-Bissau	CFA Franc BCEAO	XOF
Guyana	Guyana Dollar	GYD
Haiti	Gourde	HTG
Haiti	US Dollar	USD
Heard Island ond McDonald Islands	Australian Dollar	AUD
Holy See (Vatican City State)	Euro	EUR
Honduras	Lempira	HNL
Hong Kong SAR, China	Hong Kong Dollar	HKD
Hungary	Forint	HUF
Iceland	Iceland Krona	ISK
India	Indian Rupee	INR
Indonesia	Rupiah	IDR
Iran (Islamic Republic of)	Iranian Rial	IRR
Iraq	Iraqi Dinar	IQD
Ireland	Euro	EUR
Israel	New Israeli Sheqel	ILS
Italy	Euro	EUR
Jamaica	Jamaican Dollar	JMD
Japan	Yen	JPY
Jersey	Pound Sterling	GBP
Jordan	Jordanian Dinar	JOD
Kazakhstan	Tenge	KZT
Kenya	Kenyan Shilling	KES
Kiribati	Australian Dollar	AUD
Korea, Democratic Peoples Republic of	North Korean Won	KPW
Korea, Republic of	Won	KRW
Kuwait	Kuwaiti Dinar	KWD
Kyrgyzstan	Som	KGS
Lao Peoples Democratic Republic	Kip	LAK
Latvia	Euro	EUR
Lebanon	Lebanese Pound	LBP

Country/Territory	Currency Name	Currency Code
Lesotho	Rand	ZAR
Lesotho	Loti	LSL
Liberia	Liberian Dollar	LRD
Libyan Arab Jamahiriya	Libyan Dinar	LYD
Liechtenstein	Swiss Franc	CHF
Lithuania	Euro	EUR
Luxembourg	Euro	EUR
Macau (Macao) SAR, China	Pataca	MOP
Macedonia, The Former Yugoslav Republic of	Denar	MKD
Madagascar	Malagascy Ariary	MGA
Malawi	Kwacha	MWK
Malaysia	Malaysian Ringgit	MYR
Maldives	Rufiyaa	MVR
Mali	CFA Franc BCEAO	XOF
Malta	Euro	EUR
Marshall Islands	US Dollar	USD
Martinique	Euro	EUR
Mauritania	Ouguiya	MRO
Mauritius	Mauritius Rupee	MUR
Mayotte	Euro	EUR
Mexico	Mexican Peso	MXN
Mexico	Mexican Unidad de Inversion (UID)	MXV
Micronesia (Federated States of)	US Dollar	USD
Moldova, Republic of	Moldovan Leu	MDL
Monaco	Euro	EUR
Mongolia	Tugrik	MNT
Montenegro	Euro	EUR
Montserrat	East Caribbean Dollar	XCD
Morocco	Moroccan Dirham	MAD
Mozambique	Metical	MZN
Myanmar	Kyat	MMK
Namibia	Rand	ZAR
Namibia	Namibian Dollar	NAD

Country/Territory	Currency Name	Currency Code
Nauru	Australian Dollar	AUD
Nepal	Nepalese Rupee	NPR
Netherlands	Euro	EUR
Netherlands Antilles	Netherlands Antillian Guilder	ANG
New Caledonia	CFP Franc	XPF
New Zealand	New Zealand Dollar	NZD
Nicaragua	Cordoba Oro	NIO
Niger	CFA Franc BCEAO	XOF
Nigeria	Naira	NGN
Niue	New Zealand Dollar	NZD
Norfolk Island	Australian Dollar	AUD
Northern Mariana Islands	US Dollar	USD
Norway	Norwegian Krone	NOK
Oman	Rial Omani	OMR
Pakistan	Pakistan Rupee	PKR
Palau	US Dollar	USD
Panama	Balboa	PAB
Panama	US Dollar	USD
Papua New Guinea	Kina	PGK
Paraguay	Guarani	PYG
Peru	Nuevo Sol	PEN
Philippines	Philippine Peso	PHP
Pitcairn	New Zealand Dollar	NZD
Poland	Zloty	PLN
Portugal	Euro	EUR
Puerto Rico	US Dollar	USD
Qatar	Qatari Rial	QAR
Réunion	Euro	EUR
Romania	New Leu	RON
Russian Federation	Russian Ruble	RUB
Rwanda	Rwanda Franc	RWF
Saint Helena	Saint Helena Pound	SHP
Saint Kitts and Nevis	East Caribbean Dollar	XCD

Country/Territory	Currency Name	Currency Code
Saint Lucia	East Caribbean Dollar	XCD
Saint Pierre and Miquelon	Euro	EUR
Saint Vincent and The Grenadines	East Caribbean Dollar	XCD
Samoa	Tala	WST
San Marino	Euro	EUR
São Tome and Principe	Dobra	STD
Saudi Arabia	Saudi Riyal	SAR
Senegal	CFA Franc BCEAO	XOF
Serbia	Serbian Dinar	RSD
Seychelles	Seychelles Rupee	SCR
Sierra Leone	Leone	SLL
Singapore	Singapore Dollar	SGD
Slovakia	Euro	EUR
Slovenia	Euro	EUR
Solomon Islands	Solomon Islands Dollar	SBD
Somalia	Somali Shilling	SOS
South Africa	Rand	ZAR
Spain	Euro	EUR
Sri Lanka	Sri Lanka Rupee	LKR
Sudan	Sudanese Dinar	SDD
Suriname	Surinam Dollar	SRD
Svalbard and Jan Mayen	Norwegian Krone	NOK
Swaziland	Lilangeni	SZL
Sweden	Swedish Krona	SEK
Switzerland	Swiss Franc	CHF
Switzerland	WIR Franc	CHW
Switzerland	WIR Euro	CHE
Syrian Arab Republic	Syrian Pound	SYP
Taiwan, China	New Taiwan Dollar	TWD
Tajikistan	Somoni	TJS
Tanzania, United Republic of	Tanzanian Shilling	TZS
Thailand	Baht	THB
Timor-Leste	US Dollar	USD

Country/Territory	Currency Name	Currency Code
Togo	CFA Franc BCEAO	XOF
Tokelau	New Zealand Dollar	NZD
Tonga	Paanga	TOP
Trinidad And Tobago	Trinidad and Tobago Dollar	TTD
Tunisia	Tunisian Dinar	TND
Turkey	New Turkish Lira	TRY
Turkmenistan	Manat	TMM
Turks And Caicos Islands	US Dollar	USD
Tuvalu	Australian Dollar	AUD
Uganda	Uganda Shilling	UGX
Ukraine	Hryvnia	UAH
United Arab Emirates	UAE Dirham	AED
United Kingdom	Pound Sterling	GBP
United States	US Dollar	USD
United States Minor Outlying Islands	US Dollar	USD
Uruguay	Peso Uruguayo	UYU
Uruguay	Uruguay Peso en Unidades Indexadas	UYI
Uzbekistan	Uzbekistan Sum	UZS
Vanuatu	Vatu	VUV
Venezuela	Bolivar	VEB
Viet Nam	Dong	VND
Virgin Islands (British)	US Dollar	USD
Virgin Islands (US)	US Dollar	USD
Wallis And Futuna	CFP Franc	XPF
Western Sahara	Moroccan Dirham	MAD
Yemen	Yemeni Rial	YER
Zambia	Kwacha	ZMK
Zimbabwe	Zimbabwe Dollar	ZWD

Current Status Codes

Code	Description
000	Status Not Available
003	Order Processed: Ready for UPS
005	In Transit
006	On Vehicle for Delivery
007	Shipment Information Voided
010	In Transit: On Time
011	Delivered
012	Clearance in Progress
013	Exception
014	Clearance Completed
016	Held in Warehouse
017	Held for Customer Pickup
018	Delivery Change Requested: Hold for Pickup
019	Held for Future Delivery
020	Held for Future Delivery Requested
021	On Vehicle for Delivery Today
022	First Attempt Made
023	Second Attempt Made
024	Final Attempt Made
025	Transferred to Local Post Office for Delivery
026	Delivered by Local Post Office
027	Delivery Address Change Requested
028	Delivery Address Changed
029	Exception: Action Required
030	Local Post Office Exception
032	Adverse Weather May Cause Delay
033	Return to Sender Requested
034	Returned to Sender
035	Returning to Sender
036	Returning to Sender: In Transit
037	Returning to Sender: On Vehicle for Delivery
038	Picked Up

Code	Description
039	In Transit by Post Office
040	Delivered to UPS Access Point Awaiting Customer Pickup
041	Service Upgrade Requested
042	Service Upgraded
043	Voided Pickup
044	In Transit to UPS
045	Order Processed: In Transit to UPS
046	Delay
047	Delay
048	Delay
049	Delay: Action Required
050	Address Information Required
051	Delay: Emergency Situation or Severe Weather
052	Delay: Severe Weather
053	Delay: Severe Weather, Recovery in Progress
054	Delivery Change Requested
055	Rescheduled Delivery
056	Service Upgrade Requested
057	In Transit to a UPS Access Point
058	Clearance Information Required
059	Damage Reported
060	Delivery Attempted
061	Delivery Attempted: Adult Signature Required
062	Delivery Attempted: Funds Required
063	Delivery Change Completed
064	Delivery Refused
065	Pickup Attempted
066	Post Office Delivery Attempted
067	Returned to Sender by Post Office
068	Sent to Lost and Found
069	Package Not Claimed

Package Service Codes

01 -–Signature Required

02 -–Adult Signature Required

03 -–Import Control

04 -–Commercial Invoice Removal

05 -–UPS Carbon Neutral

06 -–USPS PIC Number Of Flexible Return Shipment (The value tag is populated)

07 -–Product Type (This may have additional attributes populated for product type code and description)

08 -–Location Assured

09 – Exchange Based

10 – Pack and Collect

058 -–Hold for Pickup

254 -–Lift Gate Service for Delivery

255 -–Lift Gate Service for Pickup

256 -–Drop Off At Facility

259 -–Direct to Retail

261 -–Deliver to Addressee only

262 -–Deliver to Retail COD

263 -–Retail to Retail Shipment

426 -–Direct Delivery Only

428 -–Package Release Code

Reference Number Codes

Package

13 -–UPS Waybill Number

16 -–Reference Number

17 -–Reference Number

19 – Reference Number

28 -–Purchase Order No.

33 -–Model Number

34 -–Part Number

35 -–Serial Number

50 -–Department Number

51 -–Store Number

54 -–FDA Product Code

55 -–Acct. Rec. Customer Acct.

56 -–Appropriation Number

57 -–Bill of Lading Number

58 -–Employer'' ID Number

59 -–Invoice Number

60 -–Manifest Key Number

61 -–Dealer Order Number

62 -–Production Code

63 -–Purchase Req. Number

64 -–Salesperson Number

65 -–Social Security Number

67 -–Transaction Ref. No.

RZ -–RMA

9V -–COD Number

Mail Innovations

91 -–USPS PIC

93 -–USPS (30 char, truncated barcode number)

94 – Mail Manifest System Number (MMS)

95 -–Mail Manifest ID (MMI)

96 -–Mail Innovations (reference number, customer package id (PID))

Request Option Matrix

When requesting tracking information, applications may use the RequestOption field to indicate the specific types of information they wish to receive.

Request Option	Proof of Delivery	COD Info	Receiver Address	All Activity	Last Activity
0					X
1				X	
2	X		X		X
3	X		X	X	
4	X	X			X
5	X	X		X	
6	X	X	X		X
7	X	X	X	X	
activity				X	
none					X
blank or empty					X

Signature Tracking only

Request Option	Proof of Delivery	COD Info	Receiver Address	All Activity	Last Activity	Sig Image
8	X				X	X
9	X			X		X
10	X		X		X	X
11	X		X	X		X
12	X	X			X	X
13	X	X		X		X
14	X	X	X		X	X
15	X	X	X	X		X

Request Option Codes

- Mail Innovations will only return: none, 0, or 1.

- none, """" 0=Last Activity (default)

- 1= All activity

- 2= POD, Receiver Address and Last Activity

- 3= POD, Receiver Address, All Activity

- 4=POD,COD, Last Activity

- 5=POD, COD, All Activity

- 6=POD, COD, Receiver Address, Last Activity

- 7=POD,COD, Receiver Address, All Activity

Signature Tracking only

The Signature Tracking interface recognizes a Signature track by RequestOption.

If the user submits a request with a request option of '"'-–''5''then Signature Tracking must validate the user's rights to use signature track.

- 8=POD, Signature Image, Last Activity

- 9=POD, Signature Image, All Activity

- 10=POD, Signature Image, Receiver Address, Last Activity

- 11=POD, Signature Image, Receiver Address, All Activity

- 12=POD, Signature Image, COD, Last Activity

- 13=POD, Signature Image, COD, All Activity

- 14=POD, Signature Image, COD, Receiver Address, Last Activity

- 15=POD, Signature Image, COD, Receiver Address, All Activity

Service Codes

United States

Shipments originating in United States

Description	Code
UPS 3 Day Select	012
UPS Ground	003
UPS Next Day Air	001
UPS Next Day Air Early	014
UPS Saver	065
UPS 2n^d Day Air	002
UPS 2n^d Day Air A.M.	059
numUPS Standard	011
UPS Worldwide Expedited	008
UPS Worldwide Express	007
UPS Worldwide Express Plus	054

United States Domestic Shipments

Description	Code
UPS 2n^d Day Air	002
UPS 2n^d Day Air A.M.	059
UPS 3 Day Select	012
UPS Ground	003
UPS Next Day Air	001
UPS Next Day Air Early	104
UPS Next Day Air Saver	013
UPS Saver	065

Canada

Description	Category	Code
UPS 3 Day Select	Shipments originating in Canada	012
UPS Express	Shipments originating in Canada going to the United States	001
UPS Express	Shipments originating in Canada	001
UPS Express Early	Shipments originating in Canada	014
UPS Saver	Shipments originating in Canada	065
UPS Standard	Shipments originating in Canada	011
UPS Worldwide Expedited	Shipments originating in Canada to US and Mexico	008
UPS Worldwide Expedited	Shipments originating in Canada to Canada	002

European Union

Shipments originating in the European Union

Description	Code
UPS Expedited	008
UPS Express	007
UPS Saver	065
UPS Standard	011
UPS Worldwide Express Plus	054

Mexico

Shipments originating in Mexico

Description	Code
UPS Expedited	008
UPS Express	007
UPS Express Plus	054
UPS Saver	065
UPS Standard	011

Poland

Description	Code
UPS Expedited	008
UPS Express	007
UPS Saver	065
UPS Standard	011
UPS Today Dedicated Courrier	083
UPS Today Express	085
UPS Today Express Saver	086
UPS Today Standard	082
UPS Worldwide Express Plus	054

Puerto Rico

Shipments originating in Puerto Rico

Description	Code
UPS 2n^d Day Air	002
UPS Ground	003
UPS Next Day Air	001
UPS Next Day Air Early	014
UPS Saver	065
UPS Worldwide Expedited	008
UPS Worldwide Express	007
UPS Worldwide Express Plus	054

Undefined Countries/Territories

Use for all countries other than United States, Canada, European Union, Mexico, Poland, and Puerto Rico

Description	Code
UPS Express	007
UPS Saver	065
UPS Standard	011
UPS Worldwide Expedited	008
UPS Worldwide Express Plus	054

All Countries/Territories

Shipments originating in all countries

Description	Code
UPS® Worldwide Economy DDU	017
UPS® Worldwide Economy DDP	072

Mail Innovations

Description	Code
UPS Mail Innovations	701

State / Province Codes

United States

State	Code
Alaska	AK
Alabama	AL
Arkansas	AR
Arizona	AZ
California	CA
Colorado	CO
Connecticut	CT
District of Columbia	DC
Delaware	DE
Florida	FL
Georgia	GA
Hawaii	HI
Iowa	IA
Idaho	ID
Illinois	IL
Indiana	IN
Kansas	KS
Kentucky	KY
Louisiana	LA
Massachusetts	MA
Maryland	MD
Maine	ME
Michigan	MI
Minnesota	MN
Missouri	MO
Mississippi	MS
Montana	MT
North Carolina	NC
North Dakota	ND
Nebraska	NE
New Hampshire	NH

State	Code
New Jersey	NJ
New Mexico	NM
Nevada	NV
New York	NY
Ohio	OH
Oklahoma	OK
Oregon	OR
Pennsylvania	PA
Rhode Island	RI
South Carolina	SC
South Dakota	SD
Tennessee	TN
Texas	TX
Utah	UT
Virginia	VA
Vermont	VT
Washington	WA
Wisconsin	WI
West Virginia	WV
Wyoming	WY

Canada

Province	Code
Alberta	AB
British Columbia	BC
Manitoba	MB
New Brunswick	NB
Newfoundland and Labrador	NL
Nova Scotia	NS
Northwest Territories	NT
Nunavut	NU
Ontario	ON
Prince Edward Island	PE

Province	Code
Quebec	QC
Saskatchewan	SK
Yukon Territory	YT

Subversion details

UPS uses sub version strategy to give back new elements in the SOAP Webservice response when there is no functionality change in the request. In order to ensure that we do not break the SOAP Webservice client's application, we give back the new elements only when the subversion is specified in the request.

SubVersion Values	New Elements/Error Descriptions	Error Code
0114 1407 1507	/TrackRequest/Request/SubVersion	
0114 and greater	/TrackResponse/Shipment/DeliveryDateUnavailable /TrackResponse/Shipment/DeliveryDateUnavailable/Type /TrackResponse/Shipment/DeliveryDateUnavailable/Description	
0114 and greater	/TrackResponse/Shipment/Package/Redirect /TrackResponse/Shipment/Package/Redirect/CompanyName /TrackResponse/Shipment/Package/Redirect/LocationID /TrackResponse/Shipment/Package/Redirect/PickupDate	
0114 and greater	/TrackResponse/Shipment/Package/Activity/NextScheduleActivity /TrackResponse/Shipment/Package/Activity/NextScheduleActivity/Date /TrackResponse/Shipment/Package/Activity/NextScheduleActivity/Time	
1407 and greater	/TrackResponse/Shipment/Package/DimensionalWeightScanIndicator	
1507 and greater	/TrackResponse/Shipment/Package/Activity/DeliveryDateFromManifestIndicator	
1907and greater	/TrackResponse/Shipment/Package/Activity/GMTDate /TrackResponse/Shipment/Package/Activity/GMTTime /TrackResponse/Shipment/Package/Activity/GMTOffset	
1909 and greater	/TrackResponse/Shipment/Package/SRSizeCode	
2009 and greater	/TrackResponse/Shipment/Package/UPSPremierAccessorial /TrackResponse/Shipment/Package/UPSPremierAccessorial/UPSPremierCode /TrackResponse/Shipment/Package/UPSPremierAccessorial/UPSPremierDescription /TrackResponse/Shipment/Package/Activity/SensorEventIndicator	

Locale codes

The following table lists all supported locale codes (country/territory and language combination). Refer to the Country/Territory Codes Appendix section for Country/Territory details.

Locale is accepted in below format Example: - Locale - en_US means 'LanguageCode_CountryCode'

Locale Code
bg_BG
cs_CZ
da_DK
de_AT
de_CH
de_DE
el_CY
el_GR
en_AE
en_AG
en_AI
en_AL
en_AR
en_AT
en_AU
en_AW
en_AZ
en_BA
en_BB
en_BD
en_BE
en_BG
en_BH
en_BL
en_BM
en_BO
en_BQ
en_BR
en_BS

Locale Code
en_CA
en_CB
en_CH
en_CI
en_CL
en_CN
en_CO
en_CR
en_CW
en_CY
en_CZ
en_DE
en_DK
en_DM
en_DO
en_DZ
en_EC
en_EE
en_EG
en_ES
en_EU
en_FI
en_FR
en_GB
en_GD
en_GH
en_GI
en_GP
en_GR
en_GT
en_GY
en_HK
en_HN

Locale Code
en_HR
en_HT
en_HU
en_ID
en_IE
en_IL
en_IN
en_IT
en_JM
en_JO
en_JP
en_KE
en_KN
en_KR
en_KW
en_KY
en_KZ
en_LB
en_LC
en_LT
en_LU
en_LV
en_MA
en_MD
en_MO
en_MS
en_MT
en_MU
en_MX
en_MY
en_NG
en_NI
en_NL

Locale Code
en_NO
en_NZ
en_OM
en_PA
en_PE
en_PH
en_PK
en_PL
en_PR
en_PT
en_PY
en_QA
en_RE
en_RO
en_RS
en_RU
en_SA
en_SE
en_SG
en_SI
en_SK
en_SR
en_ST
en_SV
en_SX
en_TH
en_TN
en_TR
en_TT
en_TW
en_UA
en_US
en_UY

Locale Code
en_VC
en_VE
en_VG
en_VI
en_VN
en_ZA
en_ZW
es_AR
es_BO
es_CL
es_CO
es_CR
es_DO
es_EC
es_ES
es_GT
es_HN
es_MX
es_NI
es_PA
es_PE
es_PR
es_PY
es_SV
es_US
es_UY
es_VE
et_EE
fi_FI
fr_BE
fr_CA
fr_CH
fr_DZ

Locale Code
fr_FR
fr_LU
fr_MA
fr_TN
he_IL
hu_HU
it_IT
ja_JP
ko_KR
lt_LT
lv_LV
nl_BE
nl_NL
no_NO
pl_PL
pt_BR
pt_PT
ro_RO
ru_RU
sk_SK
sv_SE
tr_TR
vi_VN
zh_CN
zh_HK
zh_MO
zh_TW